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Periodic Monitoring Report for Chromium Investigation Monitoring Group, Fourth Quarter, Monitoring Year 2015

Los Alamos
NATIONAL LABORATORY
EST. 1943

Prepared by the Associate Directorate for Environmental Management

Los Alamos National Laboratory, operated by Los Alamos National Security, LLC, for the U.S. Department of Energy (DOE) under Contract No. DE-AC52-06NA253 and under DOE Office of Environmental Management Contract No. DE-EM0003528, has prepared this document pursuant to the Compliance Order on Consent, signed March 1, 2005. The Compliance Order on Consent contains requirements for the investigation and cleanup, including corrective action, of contamination at Los Alamos National Laboratory.

EP2016-0010

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the monitoring year 2015, fourth quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Chromium Investigation monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from August 4 to August 19, 2015, and included the monitoring of groundwater wells and well screens. This report also includes any results from previous 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.

Water samples collected from various locations during this PME were analyzed for metals; volatile organic compounds; semivolatile organic compounds; radionuclides, including low-level tritium; general inorganic chemicals, including perchlorate; stable isotopes; and field parameters (dissolved oxygen, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity).

No surface-water locations are sampled for this monitoring group.

No results from previous sampling of PME groundwater monitoring locations reported in this PMR were above screening levels. Ten results from groundwater samples collected during this PME were above screening levels.

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Acronyms and Abbreviations

amsl	above mean sea level
AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCS	Derived Concentration Technical Standard (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
ESH	Environment, Safety, and Health (Directorate)
F	filtered
gpm	gallons per minute
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
N	no (best value flag code)
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
QC	quality control
RLWTF	Radioactive Liquid Waste Treatment Facility
SOP	standard operating procedure
SWMU	solid waste management unit
TA	technical area
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of monitoring year 2015, fourth quarter, quarterly groundwater monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Chromium Investigation monitoring group. Monitoring was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015 (2015 IFGMP) (LANL 2014, 256728), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from August 4 to August 19, 2015, and included sampling of groundwater wells and well screens.

This report also includes any results from previous 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.

Sections VIII.A and VIII.C of the Consent Order identify New Mexico Water Quality Control Commission (NMWQCC) groundwater and surface-water standards, including alternative abatement standards and U.S. Environmental Protection Agency (EPA) drinking water maximum contaminant levels (MCLs), as cleanup levels for groundwater when corrective action is implemented. NMWQCC groundwater standards, MCLs, and EPA regional screening levels for tap water are used as screening levels for monitoring data and are provided in this report.

This report presents the following information:

- general background information on the monitoring group
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results (comparing these PME results with regulatory standards and results from previous reports)
- a summary based on the data and the screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (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 intermediate-perched 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 exceeds the Consent Order screening level of 4 µg/L in regional aquifer wells R-15 and R-61. The primary source of perchlorate 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, intermediate-perched 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 PME for the Chromium Investigation monitoring group was conducted pursuant to the 2015 IFGMP (LANL 2014, 256728).

Table 2.0-1 provides the location name, sample collection date, screened interval, top and bottom screen depths, casing volume, purge volume, and purge rate for each of the locations scheduled to be monitored. These locations are shown in Figure 2.0-1. Some locations on this map may not have been sampled.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2015 IFGMP (LANL 2014, 256728).

3.2 Field Parameter Results

Appendix A contains the field parameter results for this PME and the four previous PMEs.

3.3 Groundwater Elevations

The periodic monitoring water-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. No surface-water locations are sampled for this monitoring group.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the current PME.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2015 IFGMP (LANL 2014, 256728). Purge water is managed and characterized in accordance with the waste characterization strategy form associated with the well and ENV-RCRA-QP-010.3, Land Application of Groundwater. ENV-RCRA-QP-010.3 implements the NMED-approved Decision Tree for land application of drilling, development, rehabilitation, and sampling of purge water.

All sampling, data reviews, and data package validations were conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance program. The procedures are listed at http://www.lanl.gov/community-environment/environmental-stewardship/plans-procedures.php and are available at eprr.lanl.gov. 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.

The required analytical laboratory batch quality control (QC) is defined by the analytical method, the analytical statement of work, and generally accepted laboratory 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 laboratories, the Laboratory submitted field QC samples to test the overall sampling and analytical laboratory process and to spot-check for analytical problems. These results are used in secondary validation along with information provided by the analytical laboratory.

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation. For data collected before March 2012, validation was done by an independent contractor, Analytical Quality Associates, Inc. (AQA). After that date, validation is done by an automated process after data are loaded.

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.

AQA's reviews follow the guidelines set in the DOE model SOP for data validation, which includes reviewing the data quality and the documentation's correctness and completeness, verifying that holding times were met, and ensuring that analytical laboratory QC measures were applied, documented, and kept within contract requirements. As a result of secondary validation, a second set of qualifiers was assigned to the analytical results.

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 Laboratory's SOPs. Once auto validation is complete, the data are uploaded into the Laboratory's database system and the public database (http://intellusnm.com/).

The Laboratory assigns detection status 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 from this PME and from the four sampling events at these locations immediately before the PME. 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 PME (i.e., all data that have been independently reviewed for conformance with Laboratory 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.
  - ❖ Otherwise, 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.

Data for PMRs are evaluated using the following screening process. The sources of screening levels with which the results are compared 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 levels used for data at each monitoring location. Hardness-dependent screening levels 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.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to groundwater cleanup levels described in Section VIII.A.1 of the Consent Order; for an individual substance, the lesser of the EPA MCL or the NMWQCC groundwater standard is used.
- If an NMWQCC standard or an MCL has not been established for a specific substance for which toxicological information is published, the EPA regional screening levels for tap water (formerly Region 6 screening levels for tap water) are used as the groundwater cleanup level. These screening levels are for either a cancer- or noncancer-risk type. The Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used for screening. This report was prepared using the November 2015 EPA regional screening levels.
- 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.

The results of data screening for this PMR are presented in Appendix D. This appendix shows all analytical results greater than half the lowest applicable screening levels. 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 levels. Multiple detections are included in the table except for field duplicate exceedances. For example, if aluminum was detected above a screening level in both a primary sample

and a field duplicate, only the primary sample result is shown. If aluminum was detected above a screening level in two primary samples, both results are shown.

Graphs in Appendix E display concentration histories of analytes for locations where the analyte was above its screening level at least once during the three most recent PMEs. Appendix E contains all locations where screening levels were exceeded, not just those scheduled to be sampled during this PME. Concentrations of the analyte are plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels. Results with a best value flag of N are not included in Appendix E.

Figures 4.2-1 and 4.2-2 show concentrations at all locations from the current PME for analytes that exceeded their screening levels at more than one sampling location. For example, filtered chromium was above the NMWQCC groundwater standard screening level at more than one well, so all available chromium values from the current PME are shown in addition to the screening-level exceedances, which are displayed in yellow boxes.

4.2.1 Surface Water (Base Flow)

No surface-water locations are included in this monitoring group.

4.2.2 Groundwater

No results reported in this PMR from previous sampling of PME monitoring locations were above screening levels.

Intermediate Monitoring Wells

For the current PME, the filtered perchlorate concentrations for intermediate groundwater wells MCOI-5 and MCOI-6 were 97 µg/L and 61.8 µg/L, respectively, above the Consent Order screening level of 4 µg/L. Perchlorate results for MCOI-5 since 2007 range between 68.7 µg/L and 105 µg/L. At MCOI-6, perchlorate concentrations since 2007 have decreased from 190 µg/L to the recent result of 61.8 µg/L.

In MCOI-6, the filtered chromium concentration of 74.7 µg/L was above the NMWQCC groundwater standard screening level of 50 µg/L. Chromium concentrations for MCOI-6 have increased from 29.4 µg/L to a maximum of 81.3 µg/L since 2007.

The filtered chromium result of 432 µg/L at intermediate well SCI-2 was above the NMWQCC groundwater standard screening level of 50 µg/L. Chromium concentrations observed at SCI-2 since October 2008 have generally decreased from 658 µg/L.

Regional Monitoring Wells

The perchlorate concentration in regional well R-15 was 8.93 µg/L, above the Consent Order screening level of 4 µg/L. Previous perchlorate values for R-15 measured by the liquid chromatography/mass spectrometry method since 2003 range from 4.6 µg/L to 8.42 µg/L, though many are estimated values (J qualified).

In regional well R-28, the filtered chromium concentration was 407 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Chromium concentrations for R-28 since 2005 range from 310 µg/L to 472 µg/L.

In regional well R-42, the filtered chromium concentration was 835 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Chromium concentrations for R-42 since 2008 range from 744 µg/L to 1240 µg/L.

At regional aquifer well R-43 S1 (screen 1), the filtered chromium concentration was 146 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Chromium concentrations have risen steadily from the first nondetect results in late 2008. The most recent result is the highest concentration of chromium measured at R-43 S1.

The filtered chromium concentration from regional aquifer well R-50 S1 was 103 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Chromium concentrations for R-50 S1 since 2010 range from 49.8 µg/L to 126 µg/L.

The filtered chromium concentration from regional aquifer well R-62 was 116 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Chromium concentrations for R-62 since 2012 range from 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 states 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 screen 2 was discontinued for quarters 3 and 4 of monitoring year 2014 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 screen 1 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 screen 1 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 requirements included in the March 2005 Consent Order. 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 will no longer report analytical and field parameter measurements for R-61 screen 1 per NMED's response to the R-61 report (NMED 2014, 600065). Water-level measurements will continue to be reported for this well location.

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

No surface-water locations are included in this monitoring group.

5.2.2 Groundwater

No results from previous sampling of PME monitoring locations reported in this PMR were above screening levels. Ten results from groundwater samples collected during this PME were above screening levels (Table 4.2-2).

For results above screening levels, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group, with two exceptions. The perchlorate concentration at R-15 is the highest to date, and the chromium concentration at R-43 S1 is the highest to date.

5.3 Data Gaps

Table 3.4-1 summarizes the field deviations encountered during the PME. The table also provides a detailed account of sampling event deviation.

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 list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID or ESH ID. This information is also included in text citations. ER IDs were assigned by the Environmental Programs Directorate's Records Processing Facility (IDs through 599999), and ESH IDs are assigned by the Environment, Safety, and Health (ESH) Directorate (IDs 600000 and above). IDs are used to locate documents in the Laboratory's Electronic Document Management System and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the ESH Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

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 SandiaCanyon," Los Alamos National Laboratory document LA-UR-12-24593, Los Alamos, New Mexico. (LANL 2012, 228624)

LANL (Los Alamos National Laboratory), May 2014. "Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015," Los Alamos National Laboratory document LA-UR-14-23327, Los Alamos, New Mexico. (LANL 2014, 256728)

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)

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)

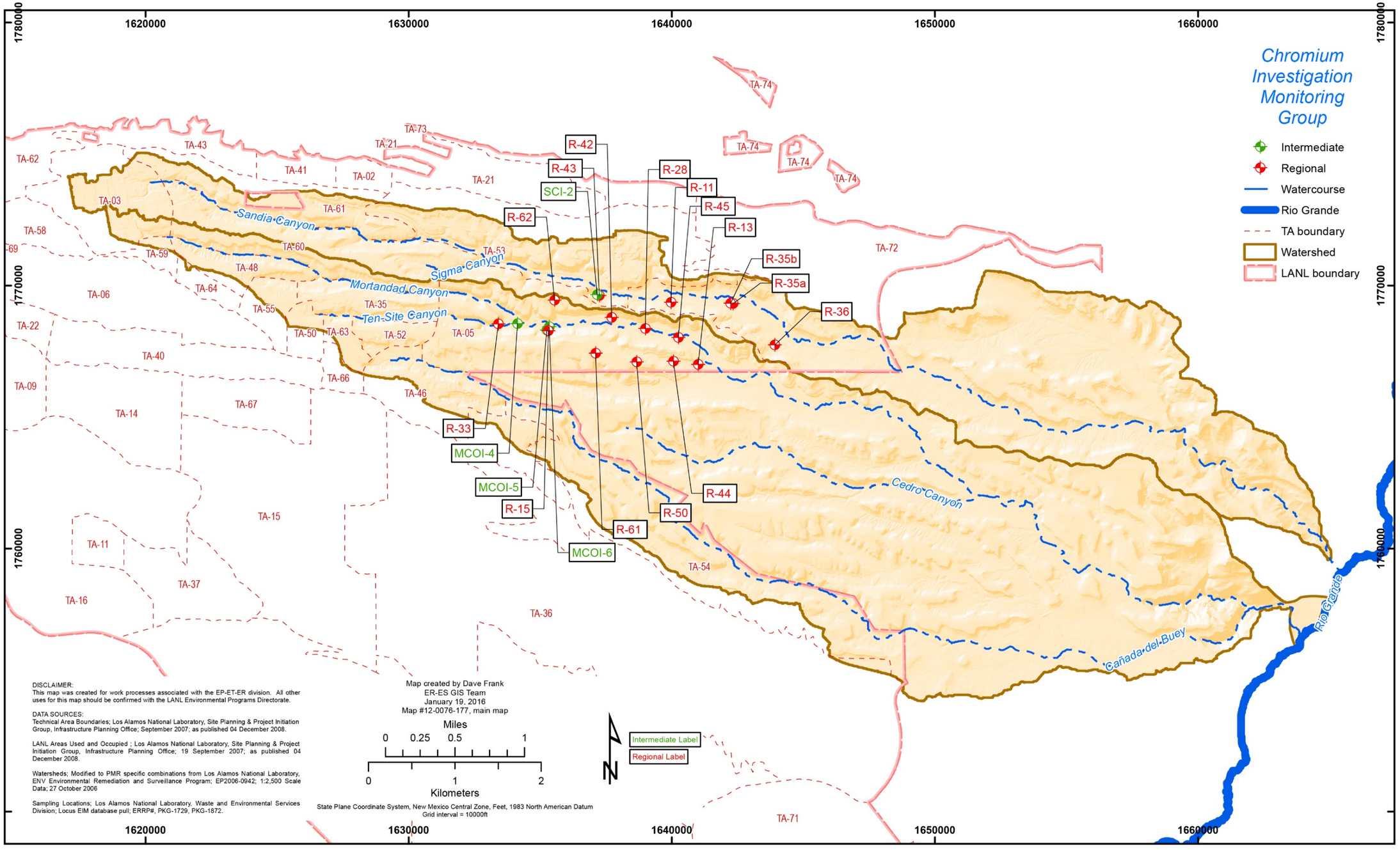


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 2.0-1)

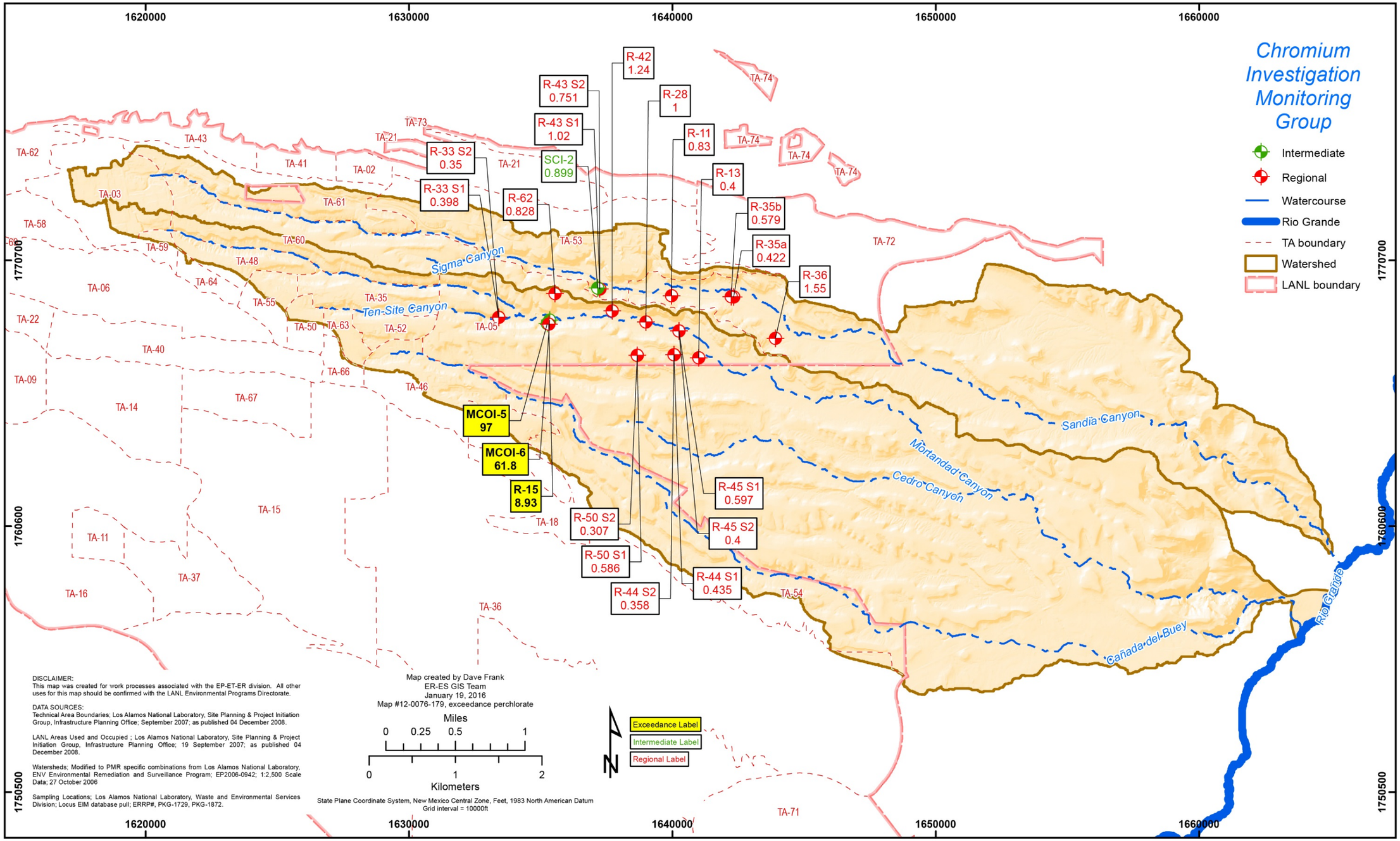


Figure 4.2-1 Monitoring group filtered perchlorate concentrations in µg/L. The Consent Order screening level is 4 µg/L.

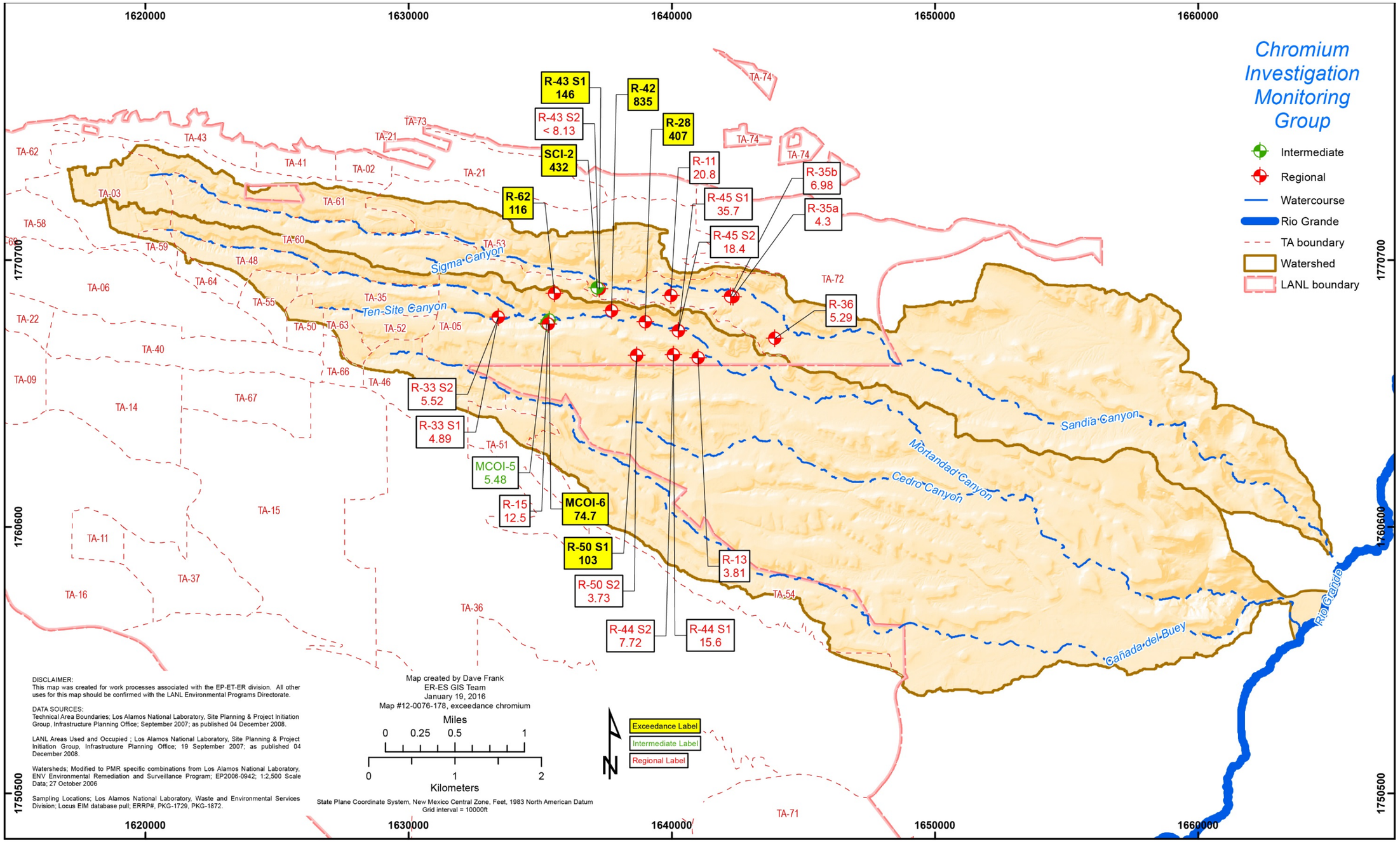


Figure 4.2-2 Monitoring group filtered chromium concentrations in µg/L. The NMWQCC groundwater standard screening level is 50 µg/L.

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

Location Name	Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge Rate (gpm[a])
Intermediate							
MCOI-4	n/a[b]	23.1	498.9	522	n/a	n/a	n/a[c]
MCOI-5	08/14/15	10	689.04	699	11.62	12.04	0.43
MCOI-6	08/04/15	22.3	686	708.3	43.74	132	1.5
SCI-2	08/10/15	20	548	568	5.54	12.23	0.71
Regional							
R-11	08/07/15	22.9	855	877.9	51	156	3
R-13	08/11/15	60.4	958.3	1018.7	155.24	469.78	5.66
R-15	08/13/15	61.7	958.6	1020.3	55.17	172.26	6.38
R-28	08/12/15	23.8	934.3	958.1	70.66	213.2	2.6
R-33 S1	08/06/15	23	995.5	1018.5	73.8	260.1	3.06
R-33 S2	08/06/15	9.9	1112.4	1122.3	40.4	123.2	2.8
R-35a	08/10/15	49.1	1013.1	1062.2	238.63	728	4
R-35b	08/04/15	23.1	825.4	848.5	66.49	201.6	2.88
R-36	08/07/15	23	766.9	789.9	41.8	128.1	3.37
R-42	08/12/15	21.1	931.8	952.9	51.06	156.06	3.06
R-43 S1	08/19/15	20.7	903.9	924.6	65.2	197.12	1.54
R-43 S2	08/18/15	10	969.1	979.1	25.5	598.9	1.52
R-44 S1	08/06/15	10	895	905	55.19	166.5	3.33
R-44 S2	08/06/15	9.9	985.3	995.2	76.4	231.2	3.45
R-45 S1	08/05/15	10	880	890	50.78	154	3.5
R-45 S2	08/05/15	20	974.9	994.9	91.8	276.5	3.5
R-50 S1	08/05/15	10	1077	1087	48.91	156.16	2.56
R-50 S2	08/05/15	20.6	1185	1205.6	96.49	299.13	1.69
R-61 S1	08/11/15	10	1125	1135	58.54	540.6	2.04
R-62	08/13/15	20.7	1158.4	1179.1	44.55	134.9	1.9

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

[c] See Table 3.4-1 for explanation.

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

Location	Deviation	Cause	Comment
MCOI-4	No data are included in this report for this location.	This location was not sampled because of insufficient volume.	This location will be sampled during the next scheduled PME.

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

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 458.1	DOE BCGs	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 Primary Drinking Water Standard	X	n/a
EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites	EPA Regional Screening Levels for Tap Water	X	n/a
20 NMAC.3.4	New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
20 NMAC 6.2.3103	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4.C	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4.F	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4.G	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4.H	NMWQCC Aquatic Life Standards Acute	n/a	X[d,e]
20 NMAC 6.4.H	NMWQCC Aquatic Life Standards Chronic	n/a	X[d,e]
20 NMAC 6.4.H	NMWQCC Aquatic Life Human Health Standard	n/a	X

[a] n/a = Not applicable.

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

[c] CFR = Code of Federal Regulations.

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

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

Table 4.2-2
Chromium Investigation Monitoring Group Groundwater Results above Screening Levels

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening Level	Screening-Level Type
Intermediate Groundwater							
MCOI-5	08/14/15	Perchlorate	F*	97	µg/L	4	Consent Order
MCOI-6	08/04/15	Perchlorate	F	61.8	µg/L	4	Consent Order
MCOI-6	08/04/15	Chromium	F	74.7	µg/L	50	NMWQCC Groundwater Standard
SCI-2	08/10/15	Chromium	F	432	µg/L	50	NMWQCC Groundwater Standard
Regional Groundwater							
R-15	08/13/15	Perchlorate	F	8.93	µg/L	4	Consent Order
R-28	08/12/15	Chromium	F	407	µg/L	50	NMWQCC Groundwater Standard
R-42	08/12/15	Chromium	F	835	µg/L	50	NMWQCC Groundwater Standard
R-43 S1	08/19/15	Chromium	F	146	µg/L	50	NMWQCC Groundwater Standard
R-50 S1	08/05/15	Chromium	F	103	µg/L	50	NMWQCC Groundwater Standard
R-62	08/13/15	Chromium	F	116	µg/L	50	NMWQCC Groundwater Standard

*F = Filtered.

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-5	689.04	08/14/15	WG[a]	Dissolved Oxygen	6.36	mg/L	CAMO-15-102572
MCOI-5	689.04	05/13/15	WG	Dissolved Oxygen	6.06	mg/L	CAMO-15-95772
MCOI-5	689.04	02/20/15	WG	Dissolved Oxygen	6.54	mg/L	CAMO-15-92477
MCOI-5	689.04	11/18/14	WG	Dissolved Oxygen	6.17	mg/L	CAMO-15-90207
MCOI-5	689.04	05/12/14	WG	Dissolved Oxygen	6.82	mg/L	CAMO-14-75494
MCOI-5	689.04	08/14/15	WG	Flow (in gpm[b])	0.43	gpm	CAMO-15-102572
MCOI-5	689.04	05/13/15	WG	Flow (in gpm)	0.45	gpm	CAMO-15-95772
MCOI-5	689.04	02/20/15	WG	Flow (in gpm)	0.4	gpm	CAMO-15-92477
MCOI-5	689.04	11/18/14	WG	Flow (in gpm)	0.46	gpm	CAMO-15-90207
MCOI-5	689.04	05/12/14	WG	Flow (in gpm)	0.48	gpm	CAMO-14-75494
MCOI-5	689.04	08/14/15	WG	Oxidation-Reduction Potential	151.3	mV	CAMO-15-102572
MCOI-5	689.04	05/13/15	WG	Oxidation-Reduction Potential	166.3	mV	CAMO-15-95772
MCOI-5	689.04	02/20/15	WG	Oxidation-Reduction Potential	181.1	mV	CAMO-15-92477
MCOI-5	689.04	11/18/14	WG	Oxidation-Reduction Potential	199.2	mV	CAMO-15-90207
MCOI-5	689.04	05/12/14	WG	Oxidation-Reduction Potential	41.2	mV	CAMO-14-75494
MCOI-5	689.04	08/14/15	WG	pH	8.63	SU[c]	CAMO-15-102572
MCOI-5	689.04	05/13/15	WG	pH	8.49	SU	CAMO-15-95772
MCOI-5	689.04	02/20/15	WG	pH	8.58	SU	CAMO-15-92477
MCOI-5	689.04	11/18/14	WG	pH	8.38	SU	CAMO-15-90207
MCOI-5	689.04	05/12/14	WG	pH	8.5	SU	CAMO-14-75494
MCOI-5	689.04	08/14/15	WG	Specific Conductance	216	µS/cm	CAMO-15-102572
MCOI-5	689.04	05/13/15	WG	Specific Conductance	215	µS/cm	CAMO-15-95772
MCOI-5	689.04	02/20/15	WG	Specific Conductance	208	µS/cm	CAMO-15-92477
MCOI-5	689.04	11/18/14	WG	Specific Conductance	234	µS/cm	CAMO-15-90207
MCOI-5	689.04	05/12/14	WG	Specific Conductance	207	µS/cm	CAMO-14-75494
MCOI-5	689.04	08/14/15	WG	Temperature	15.24	deg C	CAMO-15-102572
MCOI-5	689.04	05/13/15	WG	Temperature	14.22	deg C	CAMO-15-95772
MCOI-5	689.04	02/20/15	WG	Temperature	13.39	deg C	CAMO-15-92477

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-5	689.04	11/18/14	WG	Temperature	13.39	deg C	CAMO-15-90207
MCOI-5	689.04	05/12/14	WG	Temperature	13.77	deg C	CAMO-14-75494
MCOI-5	689.04	08/14/15	WG	Turbidity	1.9	NTU	CAMO-15-102572
MCOI-5	689.04	05/13/15	WG	Turbidity	1.4	NTU	CAMO-15-95772
MCOI-5	689.04	02/20/15	WG	Turbidity	0.74	NTU	CAMO-15-92477
MCOI-5	689.04	11/18/14	WG	Turbidity	1.1	NTU	CAMO-15-90207
MCOI-5	689.04	05/12/14	WG	Turbidity	0.8	NTU	CAMO-14-75494
MCOI-6	686	08/04/15	WG	Dissolved Oxygen	7.07	mg/L	CAMO-15-102573
MCOI-6	686	05/05/15	WG	Dissolved Oxygen	7.06	mg/L	CAMO-15-95773
MCOI-6	686	02/26/15	WG	Dissolved Oxygen	6.81	mg/L	CAMO-15-92478
MCOI-6	686	11/07/14	WG	Dissolved Oxygen	6.97	mg/L	CAMO-15-90208
MCOI-6	686	07/08/14	WG	Dissolved Oxygen	6.96	mg/L	CAMO-14-83996
MCOI-6	686	08/04/15	WG	Flow (in gpm)	1.5	gpm	CAMO-15-102573
MCOI-6	686	05/05/15	WG	Flow (in gpm)	1.6	gpm	CAMO-15-95773
MCOI-6	686	02/26/15	WG	Flow (in gpm)	1.43	gpm	CAMO-15-92478
MCOI-6	686	11/07/14	WG	Flow (in gpm)	1.58	gpm	CAMO-15-90208
MCOI-6	686	07/08/14	WG	Flow (in gpm)	1.51	gpm	CAMO-14-83996
MCOI-6	686	08/04/15	WG	Oxidation-Reduction Potential	122	mV	CAMO-15-102573
MCOI-6	686	05/05/15	WG	Oxidation-Reduction Potential	141.9	mV	CAMO-15-95773
MCOI-6	686	02/26/15	WG	Oxidation-Reduction Potential	103.4	mV	CAMO-15-92478
MCOI-6	686	11/07/14	WG	Oxidation-Reduction Potential	160.6	mV	CAMO-15-90208
MCOI-6	686	07/08/14	WG	Oxidation-Reduction Potential	133	mV	CAMO-14-83996
MCOI-6	686	08/04/15	WG	pH	6.98	SU	CAMO-15-102573
MCOI-6	686	05/05/15	WG	pH	7.11	SU	CAMO-15-95773
MCOI-6	686	02/26/15	WG	pH	7.04	SU	CAMO-15-92478
MCOI-6	686	11/07/14	WG	pH	7.04	SU	CAMO-15-90208
MCOI-6	686	07/08/14	WG	pH	7.03	SU	CAMO-14-83996
MCOI-6	686	08/04/15	WG	Specific Conductance	642	µS/cm	CAMO-15-102573

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-6	686	05/05/15	WG	Specific Conductance	577	µS/cm	CAMO-15-95773
MCOI-6	686	02/26/15	WG	Specific Conductance	567	µS/cm	CAMO-15-92478
MCOI-6	686	11/07/14	WG	Specific Conductance	594	µS/cm	CAMO-15-90208
MCOI-6	686	07/08/14	WG	Specific Conductance	589	µS/cm	CAMO-14-83996
MCOI-6	686	08/04/15	WG	Temperature	16.27	deg C	CAMO-15-102573
MCOI-6	686	05/05/15	WG	Temperature	14.65	deg C	CAMO-15-95773
MCOI-6	686	02/26/15	WG	Temperature	17.54	deg C	CAMO-15-92478
MCOI-6	686	11/07/14	WG	Temperature	15.7	deg C	CAMO-15-90208
MCOI-6	686	07/08/14	WG	Temperature	16.06	deg C	CAMO-14-83996
MCOI-6	686	08/04/15	WG	Turbidity	0.9	NTU[d]	CAMO-15-102573
MCOI-6	686	05/05/15	WG	Turbidity	0.1	NTU	CAMO-15-95773
MCOI-6	686	02/26/15	WG	Turbidity	1.3	NTU	CAMO-15-92478
MCOI-6	686	11/07/14	WG	Turbidity	1.19	NTU	CAMO-15-90208
MCOI-6	686	07/08/14	WG	Turbidity	0.65	NTU	CAMO-14-83996
R-11	855	08/07/15	WG	Dissolved Oxygen	6.86	mg/L	CASA-15-102633
R-11	855	05/14/15	WG	Dissolved Oxygen	7.23	mg/L	CASA-15-95818
R-11	855	02/12/15	WG	Dissolved Oxygen	7.14	mg/L	CASA-15-92511
R-11	855	11/19/14	WG	Dissolved Oxygen	7.35	mg/L	CASA-15-90249
R-11	855	07/11/14	WG	Dissolved Oxygen	7.33	mg/L	CASA-14-81516
R-11	855	08/07/15	WG	Flow (in gpm)	3	gpm	CASA-15-102633
R-11	855	05/14/15	WG	Flow (in gpm)	2.9	gpm	CASA-15-95818
R-11	855	02/12/15	WG	Flow (in gpm)	3	gpm	CASA-15-92511
R-11	855	11/19/14	WG	Flow (in gpm)	2.88	gpm	CASA-15-90249
R-11	855	07/11/14	WG	Flow (in gpm)	2.9	gpm	CASA-14-81516
R-11	855	08/07/15	WG	Oxidation-Reduction Potential	69.7	mV	CASA-15-102633
R-11	855	05/14/15	WG	Oxidation-Reduction Potential	170.9	mV	CASA-15-95818
R-11	855	02/12/15	WG	Oxidation-Reduction Potential	184.1	mV	CASA-15-92511
R-11	855	11/19/14	WG	Oxidation-Reduction Potential	190	mV	CASA-15-90249

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-11	855	07/11/14	WG	Oxidation-Reduction Potential	69	mV	CASA-14-81516
R-11	855	08/07/15	WG	pH	7.9	SU	CASA-15-102633
R-11	855	05/14/15	WG	pH	8.06	SU	CASA-15-95818
R-11	855	02/12/15	WG	pH	7.97	SU	CASA-15-92511
R-11	855	11/19/14	WG	pH	8.06	SU	CASA-15-90249
R-11	855	07/11/14	WG	pH	8.03	SU	CASA-14-81516
R-11	855	08/07/15	WG	Specific Conductance	254	µS/cm	CASA-15-102633
R-11	855	05/14/15	WG	Specific Conductance	233	µS/cm	CASA-15-95818
R-11	855	02/12/15	WG	Specific Conductance	230	µS/cm	CASA-15-92511
R-11	855	11/19/14	WG	Specific Conductance	261	µS/cm	CASA-15-90249
R-11	855	07/11/14	WG	Specific Conductance	237	µS/cm	CASA-14-81516
R-11	855	08/07/15	WG	Temperature	21.68	deg C	CASA-15-102633
R-11	855	05/14/15	WG	Temperature	21.62	deg C	CASA-15-95818
R-11	855	02/12/15	WG	Temperature	21.24	deg C	CASA-15-92511
R-11	855	11/19/14	WG	Temperature	21.25	deg C	CASA-15-90249
R-11	855	07/11/14	WG	Temperature	21.96	deg C	CASA-14-81516
R-11	855	08/07/15	WG	Turbidity	0.9	NTU	CASA-15-102633
R-11	855	05/14/15	WG	Turbidity	0.74	NTU	CASA-15-95818
R-11	855	02/12/15	WG	Turbidity	0.8	NTU	CASA-15-92511
R-11	855	11/19/14	WG	Turbidity	1.6	NTU	CASA-15-90249
R-11	855	07/11/14	WG	Turbidity	0.2	NTU	CASA-14-81516
R-13	958.33	08/11/15	WG	Dissolved Oxygen	6.17	mg/L	CAMO-15-102574
R-13	958.33	05/14/15	WG	Dissolved Oxygen	6.3	mg/L	CAMO-15-95775
R-13	958.33	02/13/15	WG	Dissolved Oxygen	6.51	mg/L	CAMO-15-92479
R-13	958.33	11/19/14	WG	Dissolved Oxygen	6.44	mg/L	CAMO-15-90210
R-13	958.33	05/05/14	WG	Dissolved Oxygen	6.53	mg/L	CAMO-14-75496
R-13	958.33	08/11/15	WG	Flow (in gpm)	5.66	gpm	CAMO-15-102574
R-13	958.33	05/14/15	WG	Flow (in gpm)	0.89	gpm	CAMO-15-95775

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-13	958.33	02/13/15	WG	Flow (in gpm)	5	gpm	CAMO-15-92479
R-13	958.33	11/19/14	WG	Flow (in gpm)	5.35	gpm	CAMO-15-90210
R-13	958.33	05/05/14	WG	Flow (in gpm)	6.25	gpm	CAMO-14-75496
R-13	958.33	08/11/15	WG	Oxidation-Reduction Potential	121.8	mV	CAMO-15-102574
R-13	958.33	05/14/15	WG	Oxidation-Reduction Potential	6.3	mV	CAMO-15-95775
R-13	958.33	02/13/15	WG	Oxidation-Reduction Potential	45.5	mV	CAMO-15-92479
R-13	958.33	11/19/14	WG	Oxidation-Reduction Potential	158.3	mV	CAMO-15-90210
R-13	958.33	05/05/14	WG	Oxidation-Reduction Potential	46	mV	CAMO-14-75496
R-13	958.33	08/11/15	WG	pH	8.18	SU	CAMO-15-102574
R-13	958.33	05/14/15	WG	pH	8.24	SU	CAMO-15-95775
R-13	958.33	02/13/15	WG	pH	8.23	SU	CAMO-15-92479
R-13	958.33	11/19/14	WG	pH	8.21	SU	CAMO-15-90210
R-13	958.33	05/05/14	WG	pH	8.19	SU	CAMO-14-75496
R-13	958.33	08/11/15	WG	Specific Conductance	146	µS/cm	CAMO-15-102574
R-13	958.33	05/14/15	WG	Specific Conductance	144	µS/cm	CAMO-15-95775
R-13	958.33	02/13/15	WG	Specific Conductance	143	µS/cm	CAMO-15-92479
R-13	958.33	11/19/14	WG	Specific Conductance	173	µS/cm	CAMO-15-90210
R-13	958.33	05/05/14	WG	Specific Conductance	146	µS/cm	CAMO-14-75496
R-13	958.33	08/11/15	WG	Temperature	22.1	deg C	CAMO-15-102574
R-13	958.33	05/14/15	WG	Temperature	20.52	deg C	CAMO-15-95775
R-13	958.33	02/13/15	WG	Temperature	21.69	deg C	CAMO-15-92479
R-13	958.33	11/19/14	WG	Temperature	21.61	deg C	CAMO-15-90210
R-13	958.33	05/05/14	WG	Temperature	21.59	deg C	CAMO-14-75496
R-13	958.33	08/11/15	WG	Turbidity	1	NTU	CAMO-15-102574
R-13	958.33	05/14/15	WG	Turbidity	0.89	NTU	CAMO-15-95775
R-13	958.33	02/13/15	WG	Turbidity	0.4	NTU	CAMO-15-92479
R-13	958.33	11/19/14	WG	Turbidity	0.6	NTU	CAMO-15-90210
R-13	958.33	05/05/14	WG	Turbidity	0	NTU	CAMO-14-75496

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-15	958.6	08/13/15	WG	Dissolved Oxygen	7.42	mg/L	CAMO-15-102575
R-15	958.6	05/04/15	WG	Dissolved Oxygen	6.95	mg/L	CAMO-15-95777
R-15	958.6	02/13/15	WG	Dissolved Oxygen	7.06	mg/L	CAMO-15-92480
R-15	958.6	11/10/14	WG	Dissolved Oxygen	7.08	mg/L	CAMO-15-90211
R-15	958.6	05/05/14	WG	Dissolved Oxygen	6.77	mg/L	CAMO-14-75497
R-15	958.6	08/13/15	WG	Flow (in gpm)	6.38	gpm	CAMO-15-102575
R-15	958.6	05/04/15	WG	Flow (in gpm)	7.9	gpm	CAMO-15-95777
R-15	958.6	02/13/15	WG	Flow (in gpm)	7.5	gpm	CAMO-15-92480
R-15	958.6	11/10/14	WG	Flow (in gpm)	7.5	gpm	CAMO-15-90211
R-15	958.6	05/05/14	WG	Flow (in gpm)	10	gpm	CAMO-14-75497
R-15	958.6	08/13/15	WG	Oxidation-Reduction Potential	52.8	mV	CAMO-15-102575
R-15	958.6	05/04/15	WG	Oxidation-Reduction Potential	54.6	mV	CAMO-15-95777
R-15	958.6	02/13/15	WG	Oxidation-Reduction Potential	32	mV	CAMO-15-92480
R-15	958.6	11/10/14	WG	Oxidation-Reduction Potential	69.3	mV	CAMO-15-90211
R-15	958.6	05/05/14	WG	Oxidation-Reduction Potential	7.8	mV	CAMO-14-75497
R-15	958.6	08/13/15	WG	pH	8.05	SU	CAMO-15-102575
R-15	958.6	05/04/15	WG	pH	8.25	SU	CAMO-15-95777
R-15	958.6	02/13/15	WG	pH	8.32	SU	CAMO-15-92480
R-15	958.6	11/10/14	WG	pH	8.19	SU	CAMO-15-90211
R-15	958.6	05/05/14	WG	pH	8.51	SU	CAMO-14-75497
R-15	958.6	08/13/15	WG	Specific Conductance	167	µS/cm	CAMO-15-102575
R-15	958.6	05/04/15	WG	Specific Conductance	157	µS/cm	CAMO-15-95777
R-15	958.6	02/13/15	WG	Specific Conductance	156	µS/cm	CAMO-15-92480
R-15	958.6	11/10/14	WG	Specific Conductance	154	µS/cm	CAMO-15-90211
R-15	958.6	05/05/14	WG	Specific Conductance	167	µS/cm	CAMO-14-75497
R-15	958.6	08/13/15	WG	Temperature	20.53	deg C	CAMO-15-102575
R-15	958.6	05/04/15	WG	Temperature	20.31	deg C	CAMO-15-95777
R-15	958.6	02/13/15	WG	Temperature	20.2	deg C	CAMO-15-92480

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-15	958.6	11/10/14	WG	Temperature	20.1	deg C	CAMO-15-90211
R-15	958.6	05/05/14	WG	Temperature	20.28	deg C	CAMO-14-75497
R-15	958.6	08/13/15	WG	Turbidity	1.4	NTU	CAMO-15-102575
R-15	958.6	05/04/15	WG	Turbidity	5.3	NTU	CAMO-15-95777
R-15	958.6	02/13/15	WG	Turbidity	1.8	NTU	CAMO-15-92480
R-15	958.6	11/10/14	WG	Turbidity	4	NTU	CAMO-15-90211
R-15	958.6	05/05/14	WG	Turbidity	2.8	NTU	CAMO-14-75497
R-28	934.3	08/12/15	WG	Dissolved Oxygen	6.66	mg/L	CAMO-15-102579
R-28	934.3	05/11/15	WG	Dissolved Oxygen	6.62	mg/L	CAMO-15-95778
R-28	934.3	02/25/15	WG	Dissolved Oxygen	6.84	mg/L	CAMO-15-92481
R-28	934.3	11/13/14	WG	Dissolved Oxygen	6.8	mg/L	CAMO-15-90212
R-28	934.3	07/11/14	WG	Dissolved Oxygen	6.72	mg/L	CAMO-14-83997
R-28	934.3	08/12/15	WG	Flow (in gpm)	2.6	gpm	CAMO-15-102579
R-28	934.3	05/11/15	WG	Flow (in gpm)	2.54	gpm	CAMO-15-95778
R-28	934.3	02/25/15	WG	Flow (in gpm)	2.5	gpm	CAMO-15-92481
R-28	934.3	11/13/14	WG	Flow (in gpm)	2.34	gpm	CAMO-15-90212
R-28	934.3	07/11/14	WG	Flow (in gpm)	28.5	gpm	CAMO-14-83997
R-28	934.3	08/12/15	WG	Oxidation-Reduction Potential	105.9	mV	CAMO-15-102579
R-28	934.3	05/11/15	WG	Oxidation-Reduction Potential	229.2	mV	CAMO-15-95778
R-28	934.3	02/25/15	WG	Oxidation-Reduction Potential	118.7	mV	CAMO-15-92481
R-28	934.3	11/13/14	WG	Oxidation-Reduction Potential	190.4	mV	CAMO-15-90212
R-28	934.3	07/11/14	WG	Oxidation-Reduction Potential	78.3	mV	CAMO-14-83997
R-28	934.3	08/12/15	WG	pH	7.75	SU	CAMO-15-102579
R-28	934.3	05/11/15	WG	pH	7.79	SU	CAMO-15-95778
R-28	934.3	02/25/15	WG	pH	7.77	SU	CAMO-15-92481
R-28	934.3	11/13/14	WG	pH	7.71	SU	CAMO-15-90212
R-28	934.3	07/11/14	WG	pH	7.81	SU	CAMO-14-83997
R-28	934.3	08/12/15	WG	Specific Conductance	433	µS/cm	CAMO-15-102579

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-28	934.3	05/11/15	WG	Specific Conductance	422	µS/cm	CAMO-15-95778
R-28	934.3	02/25/15	WG	Specific Conductance	442	µS/cm	CAMO-15-92481
R-28	934.3	11/13/14	WG	Specific Conductance	434	µS/cm	CAMO-15-90212
R-28	934.3	07/11/14	WG	Specific Conductance	429	µS/cm	CAMO-14-83997
R-28	934.3	08/12/15	WG	Temperature	22.13	deg C	CAMO-15-102579
R-28	934.3	05/11/15	WG	Temperature	21.53	deg C	CAMO-15-95778
R-28	934.3	02/25/15	WG	Temperature	21.06	deg C	CAMO-15-92481
R-28	934.3	11/13/14	WG	Temperature	20.68	deg C	CAMO-15-90212
R-28	934.3	07/11/14	WG	Temperature	21.47	deg C	CAMO-14-83997
R-28	934.3	08/12/15	WG	Turbidity	0.4	NTU	CAMO-15-102579
R-28	934.3	05/11/15	WG	Turbidity	0.38	NTU	CAMO-15-95778
R-28	934.3	02/25/15	WG	Turbidity	1.21	NTU	CAMO-15-92481
R-28	934.3	11/13/14	WG	Turbidity	0.63	NTU	CAMO-15-90212
R-28	934.3	07/11/14	WG	Turbidity	2	NTU	CAMO-14-83997
R-33 S1	995.5	08/06/15	WG	Dissolved Oxygen	5.35	mg/L	CAMO-15-102580
R-33 S1	995.5	05/12/15	WG	Dissolved Oxygen	5.23	mg/L	CAMO-15-95779
R-33 S1	995.5	02/26/15	WG	Dissolved Oxygen	5.12	mg/L	CAMO-15-92676
R-33 S1	995.5	11/06/14	WG	Dissolved Oxygen	5.13	mg/L	CAMO-15-90213
R-33 S1	995.5	07/09/14	WG	Dissolved Oxygen	5.16	mg/L	CAMO-14-81575
R-33 S1	995.5	08/06/15	WG	Flow (in gpm)	0.6	gpm	CAMO-15-102580
R-33 S1	995.5	05/12/15	WG	Flow (in gpm)	2.86	gpm	CAMO-15-95779
R-33 S1	995.5	02/26/15	WG	Flow (in gpm)	3.26	gpm	CAMO-15-92676
R-33 S1	995.5	11/06/14	WG	Flow (in gpm)	3.13	gpm	CAMO-15-90213
R-33 S1	995.5	07/09/14	WG	Flow (in gpm)	3.3	gpm	CAMO-14-81575
R-33 S1	995.5	08/06/15	WG	Oxidation-Reduction Potential	102	mV	CAMO-15-102580
R-33 S1	995.5	05/12/15	WG	Oxidation-Reduction Potential	101.2	mV	CAMO-15-95779
R-33 S1	995.5	02/26/15	WG	Oxidation-Reduction Potential	105.2	mV	CAMO-15-92676
R-33 S1	995.5	11/06/14	WG	Oxidation-Reduction Potential	20.7	mV	CAMO-15-90213

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-33 S1	995.5	07/09/14	WG	Oxidation-Reduction Potential	41.9	mV	CAMO-14-81575
R-33 S1	995.5	08/06/15	WG	pH	7.32	SU	CAMO-15-102580
R-33 S1	995.5	05/12/15	WG	pH	7.63	SU	CAMO-15-95779
R-33 S1	995.5	02/26/15	WG	pH	7.54	SU	CAMO-15-92676
R-33 S1	995.5	11/06/14	WG	pH	7.24	SU	CAMO-15-90213
R-33 S1	995.5	07/09/14	WG	pH	7.52	SU	CAMO-14-81575
R-33 S1	995.5	08/06/15	WG	Specific Conductance	147	µS/cm	CAMO-15-102580
R-33 S1	995.5	05/12/15	WG	Specific Conductance	144	µS/cm	CAMO-15-95779
R-33 S1	995.5	02/26/15	WG	Specific Conductance	145	µS/cm	CAMO-15-92676
R-33 S1	995.5	11/06/14	WG	Specific Conductance	148	µS/cm	CAMO-15-90213
R-33 S1	995.5	07/09/14	WG	Specific Conductance	145	µS/cm	CAMO-14-81575
R-33 S1	995.5	08/06/15	WG	Temperature	22.76	deg C	CAMO-15-102580
R-33 S1	995.5	05/12/15	WG	Temperature	18.54	deg C	CAMO-15-95779
R-33 S1	995.5	02/26/15	WG	Temperature	19.74	deg C	CAMO-15-92676
R-33 S1	995.5	11/06/14	WG	Temperature	21.11	deg C	CAMO-15-90213
R-33 S1	995.5	07/09/14	WG	Temperature	22.27	deg C	CAMO-14-81575
R-33 S1	995.5	08/06/15	WG	Turbidity	0.6	NTU	CAMO-15-102580
R-33 S1	995.5	05/12/15	WG	Turbidity	0.51	NTU	CAMO-15-95779
R-33 S1	995.5	02/26/15	WG	Turbidity	0.79	NTU	CAMO-15-92676
R-33 S1	995.5	11/06/14	WG	Turbidity	0.87	NTU	CAMO-15-90213
R-33 S1	995.5	07/09/14	WG	Turbidity	0.4	NTU	CAMO-14-81575
R-33 S2	1112.4	08/06/15	WG	Dissolved Oxygen	6.55	mg/L	CAMO-15-102581
R-33 S2	1112.4	05/12/15	WG	Dissolved Oxygen	6.62	mg/L	CAMO-15-95780
R-33 S2	1112.4	02/26/15	WG	Dissolved Oxygen	6.56	mg/L	CAMO-15-92677
R-33 S2	1112.4	11/06/14	WG	Dissolved Oxygen	6.59	mg/L	CAMO-15-90214
R-33 S2	1112.4	07/09/14	WG	Dissolved Oxygen	6.48	mg/L	CAMO-14-81576
R-33 S2	1112.4	08/06/15	WG	Flow (in gpm)	2.8	gpm	CAMO-15-102581
R-33 S2	1112.4	05/12/15	WG	Flow (in gpm)	2.86	gpm	CAMO-15-95780

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-33 S2	1112.4	02/26/15	WG	Flow (in gpm)	2.8	gpm	CAMO-15-92677
R-33 S2	1112.4	11/06/14	WG	Flow (in gpm)	2.91	gpm	CAMO-15-90214
R-33 S2	1112.4	07/09/14	WG	Flow (in gpm)	2.7	gpm	CAMO-14-81576
R-33 S2	1112.4	08/06/15	WG	Oxidation-Reduction Potential	104.2	mV	CAMO-15-102581
R-33 S2	1112.4	05/12/15	WG	Oxidation-Reduction Potential	139.1	mV	CAMO-15-95780
R-33 S2	1112.4	02/26/15	WG	Oxidation-Reduction Potential	93.5	mV	CAMO-15-92677
R-33 S2	1112.4	11/06/14	WG	Oxidation-Reduction Potential	101.6	mV	CAMO-15-90214
R-33 S2	1112.4	07/09/14	WG	Oxidation-Reduction Potential	49	mV	CAMO-14-81576
R-33 S2	1112.4	08/06/15	WG	pH	7.4	SU	CAMO-15-102581
R-33 S2	1112.4	05/12/15	WG	pH	7.78	SU	CAMO-15-95780
R-33 S2	1112.4	02/26/15	WG	pH	7.67	SU	CAMO-15-92677
R-33 S2	1112.4	11/06/14	WG	pH	7.49	SU	CAMO-15-90214
R-33 S2	1112.4	07/09/14	WG	pH	7.64	SU	CAMO-14-81576
R-33 S2	1112.4	08/06/15	WG	Specific Conductance	144	µS/cm	CAMO-15-102581
R-33 S2	1112.4	05/12/15	WG	Specific Conductance	141	µS/cm	CAMO-15-95780
R-33 S2	1112.4	02/26/15	WG	Specific Conductance	142	µS/cm	CAMO-15-92677
R-33 S2	1112.4	11/06/14	WG	Specific Conductance	144	µS/cm	CAMO-15-90214
R-33 S2	1112.4	07/09/14	WG	Specific Conductance	142	µS/cm	CAMO-14-81576
R-33 S2	1112.4	08/06/15	WG	Temperature	22.38	deg C	CAMO-15-102581
R-33 S2	1112.4	05/12/15	WG	Temperature	21.14	deg C	CAMO-15-95780
R-33 S2	1112.4	02/26/15	WG	Temperature	20.06	deg C	CAMO-15-92677
R-33 S2	1112.4	11/06/14	WG	Temperature	21.34	deg C	CAMO-15-90214
R-33 S2	1112.4	07/09/14	WG	Temperature	21.7	deg C	CAMO-14-81576
R-33 S2	1112.4	08/06/15	WG	Turbidity	0.7	NTU	CAMO-15-102581
R-33 S2	1112.4	05/12/15	WG	Turbidity	1.05	NTU	CAMO-15-95780
R-33 S2	1112.4	02/26/15	WG	Turbidity	0.82	NTU	CAMO-15-92677
R-33 S2	1112.4	11/06/14	WG	Turbidity	0.57	NTU	CAMO-15-90214
R-33 S2	1112.4	07/09/14	WG	Turbidity	0.4	NTU	CAMO-14-81576

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35a	1013.1	08/10/15	WG	Dissolved Oxygen	4.76	mg/L	CASA-15-102636
R-35a	1013.1	05/06/15	WG	Dissolved Oxygen	4.56	mg/L	CASA-15-95819
R-35a	1013.1	02/25/15	WG	Dissolved Oxygen	4.62	mg/L	CASA-15-92512
R-35a	1013.1	11/10/14	WG	Dissolved Oxygen	4.76	mg/L	CASA-15-90250
R-35a	1013.1	07/18/14	WG	Dissolved Oxygen	5.06	mg/L	CASA-14-81517
R-35a	1013.1	08/10/15	WG	Flow (in gpm)	4	gpm	CASA-15-102636
R-35a	1013.1	05/06/15	WG	Flow (in gpm)	3.75	gpm	CASA-15-95819
R-35a	1013.1	02/25/15	WG	Flow (in gpm)	3.9	gpm	CASA-15-92512
R-35a	1013.1	11/10/14	WG	Flow (in gpm)	3.85	gpm	CASA-15-90250
R-35a	1013.1	07/18/14	WG	Flow (in gpm)	3.9	gpm	CASA-14-81517
R-35a	1013.1	08/10/15	WG	Oxidation-Reduction Potential	117	mV	CASA-15-102636
R-35a	1013.1	05/06/15	WG	Oxidation-Reduction Potential	229.6	mV	CASA-15-95819
R-35a	1013.1	02/25/15	WG	Oxidation-Reduction Potential	39	mV	CASA-15-92512
R-35a	1013.1	11/10/14	WG	Oxidation-Reduction Potential	142.3	mV	CASA-15-90250
R-35a	1013.1	07/18/14	WG	Oxidation-Reduction Potential	62.6	mV	CASA-14-81517
R-35a	1013.1	08/10/15	WG	pH	7.91	SU	CASA-15-102636
R-35a	1013.1	05/06/15	WG	pH	8.09	SU	CASA-15-95819
R-35a	1013.1	02/25/15	WG	pH	8.07	SU	CASA-15-92512
R-35a	1013.1	11/10/14	WG	pH	7.96	SU	CASA-15-90250
R-35a	1013.1	07/18/14	WG	pH	7.9	SU	CASA-14-81517
R-35a	1013.1	08/10/15	WG	Specific Conductance	271	µS/cm	CASA-15-102636
R-35a	1013.1	05/06/15	WG	Specific Conductance	246	µS/cm	CASA-15-95819
R-35a	1013.1	02/25/15	WG	Specific Conductance	244	µS/cm	CASA-15-92512
R-35a	1013.1	11/10/14	WG	Specific Conductance	246	µS/cm	CASA-15-90250
R-35a	1013.1	07/18/14	WG	Specific Conductance	251	µS/cm	CASA-14-81517
R-35a	1013.1	08/10/15	WG	Temperature	24.95	deg C	CASA-15-102636
R-35a	1013.1	05/06/15	WG	Temperature	23.9	deg C	CASA-15-95819
R-35a	1013.1	02/25/15	WG	Temperature	24.05	deg C	CASA-15-92512

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35a	1013.1	11/10/14	WG	Temperature	24.24	deg C	CASA-15-90250
R-35a	1013.1	07/18/14	WG	Temperature	24.83	deg C	CASA-14-81517
R-35a	1013.1	08/10/15	WG	Turbidity	0.5	NTU	CASA-15-102636
R-35a	1013.1	05/06/15	WG	Turbidity	0.7	NTU	CASA-15-95819
R-35a	1013.1	02/25/15	WG	Turbidity	1.08	NTU	CASA-15-92512
R-35a	1013.1	11/10/14	WG	Turbidity	1.4	NTU	CASA-15-90250
R-35a	1013.1	07/18/14	WG	Turbidity	0.8	NTU	CASA-14-81517
R-35b	825.4	08/04/15	WG	Dissolved Oxygen	6.11	mg/L	CASA-15-102637
R-35b	825.4	05/05/15	WG	Dissolved Oxygen	5.96	mg/L	CASA-15-95820
R-35b	825.4	02/20/15	WG	Dissolved Oxygen	6.33	mg/L	CASA-15-92513
R-35b	825.4	11/06/14	WG	Dissolved Oxygen	6.04	mg/L	CASA-15-90251
R-35b	825.4	07/18/14	WG	Dissolved Oxygen	6.01	mg/L	CASA-14-81524
R-35b	825.4	08/04/15	WG	Flow (in gpm)	2.88	gpm	CASA-15-102637
R-35b	825.4	05/05/15	WG	Flow (in gpm)	2.91	gpm	CASA-15-95820
R-35b	825.4	02/20/15	WG	Flow (in gpm)	3.16	gpm	CASA-15-92513
R-35b	825.4	11/06/14	WG	Flow (in gpm)	3.06	gpm	CASA-15-90251
R-35b	825.4	07/18/14	WG	Flow (in gpm)	2.88	gpm	CASA-14-81524
R-35b	825.4	08/04/15	WG	Oxidation-Reduction Potential	136.2	mV	CASA-15-102637
R-35b	825.4	05/05/15	WG	Oxidation-Reduction Potential	5.96	mV	CASA-15-95820
R-35b	825.4	02/20/15	WG	Oxidation-Reduction Potential	32.2	mV	CASA-15-92513
R-35b	825.4	11/06/14	WG	Oxidation-Reduction Potential	142.6	mV	CASA-15-90251
R-35b	825.4	07/18/14	WG	Oxidation-Reduction Potential	76.5	mV	CASA-14-81524
R-35b	825.4	08/04/15	WG	pH	7.62	SU	CASA-15-102637
R-35b	825.4	05/05/15	WG	pH	7.55	SU	CASA-15-95820
R-35b	825.4	02/20/15	WG	pH	7.47	SU	CASA-15-92513
R-35b	825.4	11/06/14	WG	pH	7.59	SU	CASA-15-90251
R-35b	825.4	07/18/14	WG	pH	7.55	SU	CASA-14-81524
R-35b	825.4	08/04/15	WG	Specific Conductance	173	µS/cm	CASA-15-102637

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35b	825.4	05/05/15	WG	Specific Conductance	172	µS/cm	CASA-15-95820
R-35b	825.4	02/20/15	WG	Specific Conductance	170	µS/cm	CASA-15-92513
R-35b	825.4	11/06/14	WG	Specific Conductance	174	µS/cm	CASA-15-90251
R-35b	825.4	07/18/14	WG	Specific Conductance	173	µS/cm	CASA-14-81524
R-35b	825.4	08/04/15	WG	Temperature	22.59	deg C	CASA-15-102637
R-35b	825.4	05/05/15	WG	Temperature	20.73	deg C	CASA-15-95820
R-35b	825.4	02/20/15	WG	Temperature	21.27	deg C	CASA-15-92513
R-35b	825.4	11/06/14	WG	Temperature	21.71	deg C	CASA-15-90251
R-35b	825.4	07/18/14	WG	Temperature	22.25	deg C	CASA-14-81524
R-35b	825.4	08/04/15	WG	Turbidity	0.5	NTU	CASA-15-102637
R-35b	825.4	05/05/15	WG	Turbidity	0.41	NTU	CASA-15-95820
R-35b	825.4	02/20/15	WG	Turbidity	6.2	NTU	CASA-15-92513
R-35b	825.4	11/06/14	WG	Turbidity	0.39	NTU	CASA-15-90251
R-35b	825.4	07/18/14	WG	Turbidity	0.9	NTU	CASA-14-81524
R-36	766.9	08/07/15	WG	Dissolved Oxygen	5.74	mg/L	CASA-15-102638
R-36	766.9	05/05/15	WG	Dissolved Oxygen	5.61	mg/L	CASA-15-95821
R-36	766.9	02/12/15	WG	Dissolved Oxygen	5.74	mg/L	CASA-15-92514
R-36	766.9	11/06/14	WG	Dissolved Oxygen	5.81	mg/L	CASA-15-90252
R-36	766.9	05/06/14	WG	Dissolved Oxygen	5.65	mg/L	CASA-14-75527
R-36	766.9	08/07/15	WG	Flow (in gpm)	3.37	gpm	CASA-15-102638
R-36	766.9	05/05/15	WG	Flow (in gpm)	3.33	gpm	CASA-15-95821
R-36	766.9	02/12/15	WG	Flow (in gpm)	3.33	gpm	CASA-15-92514
R-36	766.9	11/06/14	WG	Flow (in gpm)	3.33	gpm	CASA-15-90252
R-36	766.9	05/06/14	WG	Flow (in gpm)	3.45	gpm	CASA-14-75527
R-36	766.9	08/07/15	WG	Oxidation-Reduction Potential	161	mV	CASA-15-102638
R-36	766.9	05/05/15	WG	Oxidation-Reduction Potential	214.1	mV	CASA-15-95821
R-36	766.9	02/12/15	WG	Oxidation-Reduction Potential	145	mV	CASA-15-92514
R-36	766.9	11/06/14	WG	Oxidation-Reduction Potential	110.4	mV	CASA-15-90252

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-36	766.9	05/06/14	WG	Oxidation-Reduction Potential	-4.3	mV	CASA-14-75527
R-36	766.9	08/07/15	WG	pH	7.14	SU	CASA-15-102638
R-36	766.9	05/05/15	WG	pH	7.28	SU	CASA-15-95821
R-36	766.9	02/12/15	WG	pH	7.19	SU	CASA-15-92514
R-36	766.9	11/06/14	WG	pH	7.23	SU	CASA-15-90252
R-36	766.9	05/06/14	WG	pH	7.23	SU	CASA-14-75527
R-36	766.9	08/07/15	WG	Specific Conductance	196	µS/cm	CASA-15-102638
R-36	766.9	05/05/15	WG	Specific Conductance	194	µS/cm	CASA-15-95821
R-36	766.9	02/12/15	WG	Specific Conductance	193	µS/cm	CASA-15-92514
R-36	766.9	11/06/14	WG	Specific Conductance	197	µS/cm	CASA-15-90252
R-36	766.9	05/06/14	WG	Specific Conductance	200	µS/cm	CASA-14-75527
R-36	766.9	08/07/15	WG	Temperature	21.09	deg C	CASA-15-102638
R-36	766.9	05/05/15	WG	Temperature	20.23	deg C	CASA-15-95821
R-36	766.9	02/12/15	WG	Temperature	20.12	deg C	CASA-15-92514
R-36	766.9	11/06/14	WG	Temperature	20.88	deg C	CASA-15-90252
R-36	766.9	05/06/14	WG	Temperature	22.11	deg C	CASA-14-75527
R-36	766.9	08/07/15	WG	Turbidity	0.85	NTU	CASA-15-102638
R-36	766.9	05/05/15	WG	Turbidity	0.37	NTU	CASA-15-95821
R-36	766.9	02/12/15	WG	Turbidity	1.07	NTU	CASA-15-92514
R-36	766.9	11/06/14	WG	Turbidity	0.6	NTU	CASA-15-90252
R-36	766.9	05/06/14	WG	Turbidity	1.1	NTU	CASA-14-75527
R-42	931.8	08/12/15	WG	Dissolved Oxygen	7	mg/L	CAMO-15-102583
R-42	931.8	05/08/15	WG	Dissolved Oxygen	7.01	mg/L	CAMO-15-95782
R-42	931.8	02/26/15	WG	Dissolved Oxygen	7.06	mg/L	CAMO-15-92484
R-42	931.8	11/14/14	WG	Dissolved Oxygen	7.13	mg/L	CAMO-15-90215
R-42	931.8	07/08/14	WG	Dissolved Oxygen	7.08	mg/L	CAMO-14-83998
R-42	931.8	08/12/15	WG	Flow (in gpm)	3.06	gpm	CAMO-15-102583
R-42	931.8	05/08/15	WG	Flow (in gpm)	2.85	gpm	CAMO-15-95782

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-42	931.8	02/26/15	WG	Flow (in gpm)	2.65	gpm	CAMO-15-92484
R-42	931.8	11/14/14	WG	Flow (in gpm)	3.03	gpm	CAMO-15-90215
R-42	931.8	07/08/14	WG	Flow (in gpm)	8.8	gpm	CAMO-14-83998
R-42	931.8	08/12/15	WG	Oxidation-Reduction Potential	165.2	mV	CAMO-15-102583
R-42	931.8	05/08/15	WG	Oxidation-Reduction Potential	171.9	mV	CAMO-15-95782
R-42	931.8	02/26/15	WG	Oxidation-Reduction Potential	76.1	mV	CAMO-15-92484
R-42	931.8	11/14/14	WG	Oxidation-Reduction Potential	177.1	mV	CAMO-15-90215
R-42	931.8	07/08/14	WG	Oxidation-Reduction Potential	68.6	mV	CAMO-14-83998
R-42	931.8	08/12/15	WG	pH	7.43	SU	CAMO-15-102583
R-42	931.8	05/08/15	WG	pH	7.49	SU	CAMO-15-95782
R-42	931.8	02/26/15	WG	pH	7.49	SU	CAMO-15-92484
R-42	931.8	11/14/14	WG	pH	7.85	SU	CAMO-15-90215
R-42	931.8	07/08/14	WG	pH	7.81	SU	CAMO-14-83998
R-42	931.8	08/12/15	WG	Specific Conductance	519	µS/cm	CAMO-15-102583
R-42	931.8	05/08/15	WG	Specific Conductance	514	µS/cm	CAMO-15-95782
R-42	931.8	02/26/15	WG	Specific Conductance	499	µS/cm	CAMO-15-92484
R-42	931.8	11/14/14	WG	Specific Conductance	541	µS/cm	CAMO-15-90215
R-42	931.8	07/08/14	WG	Specific Conductance	511	µS/cm	CAMO-14-83998
R-42	931.8	08/12/15	WG	Temperature	20.73	deg C	CAMO-15-102583
R-42	931.8	05/08/15	WG	Temperature	20.53	deg C	CAMO-15-95782
R-42	931.8	02/26/15	WG	Temperature	19.21	deg C	CAMO-15-92484
R-42	931.8	11/14/14	WG	Temperature	20.66	deg C	CAMO-15-90215
R-42	931.8	07/08/14	WG	Temperature	20.9	deg C	CAMO-14-83998
R-42	931.8	08/12/15	WG	Turbidity	0.7	NTU	CAMO-15-102583
R-42	931.8	05/08/15	WG	Turbidity	1.2	NTU	CAMO-15-95782
R-42	931.8	02/26/15	WG	Turbidity	1.56	NTU	CAMO-15-92484
R-42	931.8	11/14/14	WG	Turbidity	1.3	NTU	CAMO-15-90215
R-42	931.8	07/08/14	WG	Turbidity	1.6	NTU	CAMO-14-83998

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S1	903.9	08/19/15	WG	Dissolved Oxygen	6.83	mg/L	CASA-15-102639
R-43 S1	903.9	05/15/15	WG	Dissolved Oxygen	6.98	mg/L	CASA-15-95831
R-43 S1	903.9	03/02/15	WG	Dissolved Oxygen	7.04	mg/L	CASA-15-92515
R-43 S1	903.9	11/21/14	WG	Dissolved Oxygen	6.98	mg/L	CASA-15-90253
R-43 S1	903.9	07/15/14	WG	Dissolved Oxygen	6.18	mg/L	CASA-14-81519
R-43 S1	903.9	08/19/15	WG	Flow (in gpm)	1.54	gpm	CASA-15-102639
R-43 S1	903.9	05/15/15	WG	Flow (in gpm)	1.54	gpm	CASA-15-95831
R-43 S1	903.9	03/02/15	WG	Flow (in gpm)	1.67	gpm	CASA-15-92515
R-43 S1	903.9	11/21/14	WG	Flow (in gpm)	1.54	gpm	CASA-15-90253
R-43 S1	903.9	07/15/14	WG	Flow (in gpm)	9.44	gpm	CASA-14-81519
R-43 S1	903.9	08/19/15	WG	Oxidation-Reduction Potential	121.3	mV	CASA-15-102639
R-43 S1	903.9	05/15/15	WG	Oxidation-Reduction Potential	111.6	mV	CASA-15-95831
R-43 S1	903.9	03/02/15	WG	Oxidation-Reduction Potential	124.9	mV	CASA-15-92515
R-43 S1	903.9	11/21/14	WG	Oxidation-Reduction Potential	177.1	mV	CASA-15-90253
R-43 S1	903.9	07/15/14	WG	Oxidation-Reduction Potential	53.7	mV	CASA-14-81519
R-43 S1	903.9	08/19/15	WG	pH	7.95	SU	CASA-15-102639
R-43 S1	903.9	05/15/15	WG	pH	8.19	SU	CASA-15-95831
R-43 S1	903.9	03/02/15	WG	pH	8.21	SU	CASA-15-92515
R-43 S1	903.9	11/21/14	WG	pH	8.05	SU	CASA-15-90253
R-43 S1	903.9	07/15/14	WG	pH	7.99	SU	CASA-14-81519
R-43 S1	903.9	08/19/15	WG	Specific Conductance	214	µS/cm	CASA-15-102639
R-43 S1	903.9	05/15/15	WG	Specific Conductance	193	µS/cm	CASA-15-95831
R-43 S1	903.9	03/02/15	WG	Specific Conductance	192	µS/cm	CASA-15-92515
R-43 S1	903.9	11/21/14	WG	Specific Conductance	188	µS/cm	CASA-15-90253
R-43 S1	903.9	07/15/14	WG	Specific Conductance	181	µS/cm	CASA-14-81519
R-43 S1	903.9	08/19/15	WG	Temperature	21.62	deg C	CASA-15-102639
R-43 S1	903.9	05/15/15	WG	Temperature	20.07	deg C	CASA-15-95831
R-43 S1	903.9	03/02/15	WG	Temperature	19.75	deg C	CASA-15-92515

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S1	903.9	11/21/14	WG	Temperature	20.72	deg C	CASA-15-90253
R-43 S1	903.9	07/15/14	WG	Temperature	20.67	deg C	CASA-14-81519
R-43 S1	903.9	08/19/15	WG	Turbidity	0	NTU	CASA-15-102639
R-43 S1	903.9	05/15/15	WG	Turbidity	0.84	NTU	CASA-15-95831
R-43 S1	903.9	03/02/15	WG	Turbidity	0.69	NTU	CASA-15-92515
R-43 S1	903.9	11/21/14	WG	Turbidity	0.18	NTU	CASA-15-90253
R-43 S1	903.9	07/15/14	WG	Turbidity	0.3	NTU	CASA-14-81519
R-43 S2	969.1	08/18/15	WG	Dissolved Oxygen	4.26	mg/L	CAMO-15-104020
R-43 S2	969.1	08/18/15	WG	Dissolved Oxygen	5.26	mg/L	CAMO-15-104023
R-43 S2	969.1	08/18/15	WG	Dissolved Oxygen	5.5	mg/L	CAMO-15-104025
R-43 S2	969.1	08/18/15	WG	Dissolved Oxygen	5.71	mg/L	CAMO-15-104065
R-43 S2	969.1	05/19/15	WG	Dissolved Oxygen	3.27	mg/L	CASA-15-95832
R-43 S2	969.1	03/02/15	WG	Dissolved Oxygen	3.27	mg/L	CASA-15-92516
R-43 S2	969.1	11/21/14	WG	Dissolved Oxygen	5.97	mg/L	CASA-15-90254
R-43 S2	969.1	04/30/14	WG	Dissolved Oxygen	3.3	mg/L	CASA-14-75529
R-43 S2	969.1	08/18/15	WG	Flow (in gpm)	1.52	gpm	CAMO-15-104020
R-43 S2	969.1	08/18/15	WG	Flow (in gpm)	1.52	gpm	CAMO-15-104023
R-43 S2	969.1	08/18/15	WG	Flow (in gpm)	1.52	gpm	CAMO-15-104025
R-43 S2	969.1	08/18/15	WG	Flow (in gpm)	1.52	gpm	CAMO-15-104065
R-43 S2	969.1	05/19/15	WG	Flow (in gpm)	1.53	gpm	CASA-15-95832
R-43 S2	969.1	03/02/15	WG	Flow (in gpm)	1.67	gpm	CASA-15-92516
R-43 S2	969.1	11/21/14	WG	Flow (in gpm)	1.48	gpm	CASA-15-90254
R-43 S2	969.1	04/30/14	WG	Flow (in gpm)	1.24	gpm	CASA-14-75529
R-43 S2	969.1	08/18/15	WG	Oxidation-Reduction Potential	125.4	mV	CAMO-15-104020
R-43 S2	969.1	08/18/15	WG	Oxidation-Reduction Potential	124.8	mV	CAMO-15-104023
R-43 S2	969.1	08/18/15	WG	Oxidation-Reduction Potential	122.8	mV	CAMO-15-104025
R-43 S2	969.1	08/18/15	WG	Oxidation-Reduction Potential	131.5	mV	CAMO-15-104065
R-43 S2	969.1	05/19/15	WG	Oxidation-Reduction Potential	112.4	mV	CASA-15-95832

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	03/02/15	WG	Oxidation-Reduction Potential	107.3	mV	CASA-15-92516
R-43 S2	969.1	11/21/14	WG	Oxidation-Reduction Potential	165	mV	CASA-15-90254
R-43 S2	969.1	04/30/14	WG	Oxidation-Reduction Potential	9	mV	CASA-14-75529
R-43 S2	969.1	08/18/15	WG	pH	8.46	SU	CAMO-15-104020
R-43 S2	969.1	08/18/15	WG	pH	8.38	SU	CAMO-15-104023
R-43 S2	969.1	08/18/15	WG	pH	8.36	SU	CAMO-15-104025
R-43 S2	969.1	08/18/15	WG	pH	8.31	SU	CAMO-15-104065
R-43 S2	969.1	05/19/15	WG	pH	8.65	SU	CASA-15-95832
R-43 S2	969.1	03/02/15	WG	pH	8.63	SU	CASA-15-92516
R-43 S2	969.1	11/21/14	WG	pH	8.29	SU	CASA-15-90254
R-43 S2	969.1	04/30/14	WG	pH	8.75	SU	CASA-14-75529
R-43 S2	969.1	08/18/15	WG	Specific Conductance	201	µS/cm	CAMO-15-104020
R-43 S2	969.1	08/18/15	WG	Specific Conductance	200	µS/cm	CAMO-15-104023
R-43 S2	969.1	08/18/15	WG	Specific Conductance	200	µS/cm	CAMO-15-104025
R-43 S2	969.1	08/18/15	WG	Specific Conductance	200	µS/cm	CAMO-15-104065
R-43 S2	969.1	05/19/15	WG	Specific Conductance	198	µS/cm	CASA-15-95832
R-43 S2	969.1	03/02/15	WG	Specific Conductance	199	µS/cm	CASA-15-92516
R-43 S2	969.1	11/21/14	WG	Specific Conductance	201	µS/cm	CASA-15-90254
R-43 S2	969.1	04/30/14	WG	Specific Conductance	192	µS/cm	CASA-14-75529
R-43 S2	969.1	08/18/15	WG	Temperature	20.18	deg C	CAMO-15-104020
R-43 S2	969.1	08/18/15	WG	Temperature	21.19	deg C	CAMO-15-104023
R-43 S2	969.1	08/18/15	WG	Temperature	21.42	deg C	CAMO-15-104025
R-43 S2	969.1	08/18/15	WG	Temperature	21.55	deg C	CAMO-15-104065
R-43 S2	969.1	05/19/15	WG	Temperature	20.52	deg C	CASA-15-95832
R-43 S2	969.1	03/02/15	WG	Temperature	20.29	deg C	CASA-15-92516
R-43 S2	969.1	11/21/14	WG	Temperature	19.8	deg C	CASA-15-90254
R-43 S2	969.1	04/30/14	WG	Temperature	19.22	deg C	CASA-14-75529
R-43 S2	969.1	08/18/15	WG	Turbidity	0.2	NTU	CAMO-15-104020

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	08/18/15	WG	Turbidity	0.1	NTU	CAMO-15-104023
R-43 S2	969.1	08/18/15	WG	Turbidity	0.1	NTU	CAMO-15-104025
R-43 S2	969.1	08/18/15	WG	Turbidity	0.1	NTU	CAMO-15-104065
R-43 S2	969.1	05/19/15	WG	Turbidity	1.33	NTU	CASA-15-95832
R-43 S2	969.1	03/02/15	WG	Turbidity	0.81	NTU	CASA-15-92516
R-43 S2	969.1	11/21/14	WG	Turbidity	0.27	NTU	CASA-15-90254
R-43 S2	969.1	04/30/14	WG	Turbidity	0.23	NTU	CASA-14-75529
R-44 S1	895	08/06/15	WG	Dissolved Oxygen	6.84	mg/L	CAMO-15-103604
R-44 S1	895	05/06/15	WG	Dissolved Oxygen	6.7	mg/L	CAMO-15-95783
R-44 S1	895	02/17/15	WG	Dissolved Oxygen	6.73	mg/L	CAMO-15-92485
R-44 S1	895	11/05/14	WG	Dissolved Oxygen	7.08	mg/L	CAMO-15-90216
R-44 S1	895	07/10/14	WG	Dissolved Oxygen	6.97	mg/L	CAMO-14-83999
R-44 S1	895	08/06/15	WG	Flow (in gpm)	3.33	gpm	CAMO-15-103604
R-44 S1	895	05/06/15	WG	Flow (in gpm)	3.41	gpm	CAMO-15-95783
R-44 S1	895	02/17/15	WG	Flow (in gpm)	3.3	gpm	CAMO-15-92485
R-44 S1	895	11/05/14	WG	Flow (in gpm)	3.3	gpm	CAMO-15-90216
R-44 S1	895	07/10/14	WG	Flow (in gpm)	3.3	gpm	CAMO-14-83999
R-44 S1	895	08/06/15	WG	Oxidation-Reduction Potential	156.6	mV	CAMO-15-103604
R-44 S1	895	05/06/15	WG	Oxidation-Reduction Potential	182.9	mV	CAMO-15-95783
R-44 S1	895	02/17/15	WG	Oxidation-Reduction Potential	152.1	mV	CAMO-15-92485
R-44 S1	895	11/05/14	WG	Oxidation-Reduction Potential	114.9	mV	CAMO-15-90216
R-44 S1	895	07/10/14	WG	Oxidation-Reduction Potential	91.5	mV	CAMO-14-83999
R-44 S1	895	08/06/15	WG	pH	7.77	SU	CAMO-15-103604
R-44 S1	895	05/06/15	WG	pH	7.72	SU	CAMO-15-95783
R-44 S1	895	02/17/15	WG	pH	7.76	SU	CAMO-15-92485
R-44 S1	895	11/05/14	WG	pH	7.79	SU	CAMO-15-90216
R-44 S1	895	07/10/14	WG	pH	7.66	SU	CAMO-14-83999
R-44 S1	895	08/06/15	WG	Specific Conductance	138	µS/cm	CAMO-15-103604

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S1	895	05/06/15	WG	Specific Conductance	136	µS/cm	CAMO-15-95783
R-44 S1	895	02/17/15	WG	Specific Conductance	136	µS/cm	CAMO-15-92485
R-44 S1	895	11/05/14	WG	Specific Conductance	136	µS/cm	CAMO-15-90216
R-44 S1	895	07/10/14	WG	Specific Conductance	137	µS/cm	CAMO-14-83999
R-44 S1	895	08/06/15	WG	Temperature	21	deg C	CAMO-15-103604
R-44 S1	895	05/06/15	WG	Temperature	20.59	deg C	CAMO-15-95783
R-44 S1	895	02/17/15	WG	Temperature	19.63	deg C	CAMO-15-92485
R-44 S1	895	11/05/14	WG	Temperature	20.58	deg C	CAMO-15-90216
R-44 S1	895	07/10/14	WG	Temperature	21.21	deg C	CAMO-14-83999
R-44 S1	895	08/06/15	WG	Turbidity	0.4	NTU	CAMO-15-103604
R-44 S1	895	05/06/15	WG	Turbidity	0.8	NTU	CAMO-15-95783
R-44 S1	895	02/17/15	WG	Turbidity	0.67	NTU	CAMO-15-92485
R-44 S1	895	11/05/14	WG	Turbidity	0.28	NTU	CAMO-15-90216
R-44 S1	895	07/10/14	WG	Turbidity	0.3	NTU	CAMO-14-83999
R-44 S2	985.3	08/06/15	WG	Dissolved Oxygen	7.06	mg/L	CAMO-15-102585
R-44 S2	985.3	05/06/15	WG	Dissolved Oxygen	7.06	mg/L	CAMO-15-95784
R-44 S2	985.3	02/17/15	WG	Dissolved Oxygen	7.17	mg/L	CAMO-15-92502
R-44 S2	985.3	11/05/14	WG	Dissolved Oxygen	7.29	mg/L	CAMO-15-90217
R-44 S2	985.3	07/10/14	WG	Dissolved Oxygen	7.13	mg/L	CAMO-14-84000
R-44 S2	985.3	08/06/15	WG	Flow (in gpm)	3.45	gpm	CAMO-15-102585
R-44 S2	985.3	05/06/15	WG	Flow (in gpm)	3.33	gpm	CAMO-15-95784
R-44 S2	985.3	02/17/15	WG	Flow (in gpm)	3.4	gpm	CAMO-15-92502
R-44 S2	985.3	11/05/14	WG	Flow (in gpm)	3.3	gpm	CAMO-15-90217
R-44 S2	985.3	07/10/14	WG	Flow (in gpm)	3.3	gpm	CAMO-14-84000
R-44 S2	985.3	08/06/15	WG	Oxidation-Reduction Potential	136.2	mV	CAMO-15-102585
R-44 S2	985.3	05/06/15	WG	Oxidation-Reduction Potential	165.5	mV	CAMO-15-95784
R-44 S2	985.3	02/17/15	WG	Oxidation-Reduction Potential	164.8	mV	CAMO-15-92502
R-44 S2	985.3	11/05/14	WG	Oxidation-Reduction Potential	133.5	mV	CAMO-15-90217

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	07/10/14	WG	Oxidation-Reduction Potential	89.5	mV	CAMO-14-84000
R-44 S2	985.3	08/06/15	WG	pH	7.85	SU	CAMO-15-102585
R-44 S2	985.3	05/06/15	WG	pH	7.8	SU	CAMO-15-95784
R-44 S2	985.3	02/17/15	WG	pH	7.86	SU	CAMO-15-92502
R-44 S2	985.3	11/05/14	WG	pH	7.87	SU	CAMO-15-90217
R-44 S2	985.3	07/10/14	WG	pH	7.76	SU	CAMO-14-84000
R-44 S2	985.3	08/06/15	WG	Specific Conductance	145	µS/cm	CAMO-15-102585
R-44 S2	985.3	05/06/15	WG	Specific Conductance	143	µS/cm	CAMO-15-95784
R-44 S2	985.3	02/17/15	WG	Specific Conductance	144	µS/cm	CAMO-15-92502
R-44 S2	985.3	11/05/14	WG	Specific Conductance	145	µS/cm	CAMO-15-90217
R-44 S2	985.3	07/10/14	WG	Specific Conductance	145	µS/cm	CAMO-14-84000
R-44 S2	985.3	08/06/15	WG	Temperature	21.57	deg C	CAMO-15-102585
R-44 S2	985.3	05/06/15	WG	Temperature	21.19	deg C	CAMO-15-95784
R-44 S2	985.3	02/17/15	WG	Temperature	20.48	deg C	CAMO-15-92502
R-44 S2	985.3	11/05/14	WG	Temperature	20.92	deg C	CAMO-15-90217
R-44 S2	985.3	07/10/14	WG	Temperature	21.2	deg C	CAMO-14-84000
R-44 S2	985.3	08/06/15	WG	Turbidity	0.3	NTU	CAMO-15-102585
R-44 S2	985.3	05/06/15	WG	Turbidity	0.86	NTU	CAMO-15-95784
R-44 S2	985.3	02/17/15	WG	Turbidity	0.6	NTU	CAMO-15-92502
R-44 S2	985.3	11/05/14	WG	Turbidity	0.53	NTU	CAMO-15-90217
R-44 S2	985.3	07/10/14	WG	Turbidity	0.39	NTU	CAMO-14-84000
R-45 S1	880	08/05/15	WG	Dissolved Oxygen	7.04	mg/L	CAMO-15-102586
R-45 S1	880	05/04/15	WG	Dissolved Oxygen	7.08	mg/L	CAMO-15-95785
R-45 S1	880	02/18/15	WG	Dissolved Oxygen	7.1	mg/L	CAMO-15-92487
R-45 S1	880	11/05/14	WG	Dissolved Oxygen	7.1	mg/L	CAMO-15-90218
R-45 S1	880	05/07/14	WG	Dissolved Oxygen	7.23	mg/L	CAMO-14-75502
R-45 S1	880	08/05/15	WG	Flow (in gpm)	3.5	gpm	CAMO-15-102586
R-45 S1	880	05/04/15	WG	Flow (in gpm)	3.5	gpm	CAMO-15-95785

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-45 S1	880	02/18/15	WG	Flow (in gpm)	3.61	gpm	CAMO-15-92487
R-45 S1	880	11/05/14	WG	Flow (in gpm)	3.53	gpm	CAMO-15-90218
R-45 S1	880	05/07/14	WG	Flow (in gpm)	3.61	gpm	CAMO-14-75502
R-45 S1	880	08/05/15	WG	Oxidation-Reduction Potential	161	mV	CAMO-15-102586
R-45 S1	880	05/04/15	WG	Oxidation-Reduction Potential	213.1	mV	CAMO-15-95785
R-45 S1	880	02/18/15	WG	Oxidation-Reduction Potential	199.5	mV	CAMO-15-92487
R-45 S1	880	11/05/14	WG	Oxidation-Reduction Potential	176.7	mV	CAMO-15-90218
R-45 S1	880	05/07/14	WG	Oxidation-Reduction Potential	-14.7	mV	CAMO-14-75502
R-45 S1	880	08/05/15	WG	pH	7.69	SU	CAMO-15-102586
R-45 S1	880	05/04/15	WG	pH	7.85	SU	CAMO-15-95785
R-45 S1	880	02/18/15	WG	pH	7.75	SU	CAMO-15-92487
R-45 S1	880	11/05/14	WG	pH	7.61	SU	CAMO-15-90218
R-45 S1	880	05/07/14	WG	pH	7.8	SU	CAMO-14-75502
R-45 S1	880	08/05/15	WG	Specific Conductance	188	µS/cm	CAMO-15-102586
R-45 S1	880	05/04/15	WG	Specific Conductance	187	µS/cm	CAMO-15-95785
R-45 S1	880	02/18/15	WG	Specific Conductance	185	µS/cm	CAMO-15-92487
R-45 S1	880	11/05/14	WG	Specific Conductance	189	µS/cm	CAMO-15-90218
R-45 S1	880	05/07/14	WG	Specific Conductance	182	µS/cm	CAMO-14-75502
R-45 S1	880	08/05/15	WG	Temperature	20.98	deg C	CAMO-15-102586
R-45 S1	880	05/04/15	WG	Temperature	20.86	deg C	CAMO-15-95785
R-45 S1	880	02/18/15	WG	Temperature	20.58	deg C	CAMO-15-92487
R-45 S1	880	11/05/14	WG	Temperature	19.94	deg C	CAMO-15-90218
R-45 S1	880	05/07/14	WG	Temperature	21.13	deg C	CAMO-14-75502
R-45 S1	880	08/05/15	WG	Turbidity	1.03	NTU	CAMO-15-102586
R-45 S1	880	05/04/15	WG	Turbidity	0.21	NTU	CAMO-15-95785
R-45 S1	880	02/18/15	WG	Turbidity	0.61	NTU	CAMO-15-92487
R-45 S1	880	11/05/14	WG	Turbidity	0.31	NTU	CAMO-15-90218
R-45 S1	880	05/07/14	WG	Turbidity	0.3	NTU	CAMO-14-75502

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-45 S2	974.9	08/05/15	WG	Dissolved Oxygen	6.22	mg/L	CAMO-15-102611
R-45 S2	974.9	05/04/15	WG	Dissolved Oxygen	6.14	mg/L	CAMO-15-95786
R-45 S2	974.9	02/19/15	WG	Dissolved Oxygen	6.09	mg/L	CAMO-15-92488
R-45 S2	974.9	11/05/14	WG	Dissolved Oxygen	6.48	mg/L	CAMO-15-90219
R-45 S2	974.9	05/07/14	WG	Dissolved Oxygen	6.32	mg/L	CAMO-14-75503
R-45 S2	974.9	08/05/15	WG	Flow (in gpm)	3.5	gpm	CAMO-15-102611
R-45 S2	974.9	05/04/15	WG	Flow (in gpm)	3.3	gpm	CAMO-15-95786
R-45 S2	974.9	02/19/15	WG	Flow (in gpm)	3.52	gpm	CAMO-15-92488
R-45 S2	974.9	11/05/14	WG	Flow (in gpm)	3.57	gpm	CAMO-15-90219
R-45 S2	974.9	05/07/14	WG	Flow (in gpm)	3.7	gpm	CAMO-14-75503
R-45 S2	974.9	08/05/15	WG	Oxidation-Reduction Potential	125.4	mV	CAMO-15-102611
R-45 S2	974.9	05/04/15	WG	Oxidation-Reduction Potential	243	mV	CAMO-15-95786
R-45 S2	974.9	02/19/15	WG	Oxidation-Reduction Potential	171.7	mV	CAMO-15-92488
R-45 S2	974.9	11/05/14	WG	Oxidation-Reduction Potential	149.6	mV	CAMO-15-90219
R-45 S2	974.9	05/07/14	WG	Oxidation-Reduction Potential	-16.2	mV	CAMO-14-75503
R-45 S2	974.9	08/05/15	WG	pH	8.18	SU	CAMO-15-102611
R-45 S2	974.9	05/04/15	WG	pH	8.3	SU	CAMO-15-95786
R-45 S2	974.9	02/19/15	WG	pH	8.23	SU	CAMO-15-92488
R-45 S2	974.9	11/05/14	WG	pH	7.92	SU	CAMO-15-90219
R-45 S2	974.9	05/07/14	WG	pH	8.08	SU	CAMO-14-75503
R-45 S2	974.9	08/05/15	WG	Specific Conductance	175	µS/cm	CAMO-15-102611
R-45 S2	974.9	05/04/15	WG	Specific Conductance	174	µS/cm	CAMO-15-95786
R-45 S2	974.9	02/19/15	WG	Specific Conductance	173	µS/cm	CAMO-15-92488
R-45 S2	974.9	11/05/14	WG	Specific Conductance	176	µS/cm	CAMO-15-90219
R-45 S2	974.9	05/07/14	WG	Specific Conductance	176	µS/cm	CAMO-14-75503
R-45 S2	974.9	08/05/15	WG	Temperature	22.12	deg C	CAMO-15-102611
R-45 S2	974.9	05/04/15	WG	Temperature	21.04	deg C	CAMO-15-95786
R-45 S2	974.9	02/19/15	WG	Temperature	21.27	deg C	CAMO-15-92488

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-45 S2	974.9	11/05/14	WG	Temperature	21.02	deg C	CAMO-15-90219
R-45 S2	974.9	05/07/14	WG	Temperature	20.98	deg C	CAMO-14-75503
R-45 S2	974.9	08/05/15	WG	Turbidity	0.86	NTU	CAMO-15-102611
R-45 S2	974.9	05/04/15	WG	Turbidity	0.24	NTU	CAMO-15-95786
R-45 S2	974.9	02/19/15	WG	Turbidity	0.65	NTU	CAMO-15-92488
R-45 S2	974.9	11/05/14	WG	Turbidity	0.29	NTU	CAMO-15-90219
R-45 S2	974.9	05/07/14	WG	Turbidity	0.3	NTU	CAMO-14-75503
R-50 S1	1077	08/05/15	WG	Dissolved Oxygen	5.52	mg/L	CAMO-15-102588
R-50 S1	1077	05/08/15	WG	Dissolved Oxygen	5.53	mg/L	CAMO-15-95788
R-50 S1	1077	02/23/15	WG	Dissolved Oxygen	6.04	mg/L	CAMO-15-92489
R-50 S1	1077	11/14/14	WG	Dissolved Oxygen	6.45	mg/L	CAMO-15-90220
R-50 S1	1077	07/22/14	WG	Dissolved Oxygen	5.39	mg/L	CAMO-14-84003
R-50 S1	1077	08/05/15	WG	Flow (in gpm)	2.56	gpm	CAMO-15-102588
R-50 S1	1077	05/08/15	WG	Flow (in gpm)	2.27	gpm	CAMO-15-95788
R-50 S1	1077	02/23/15	WG	Flow (in gpm)	2.65	gpm	CAMO-15-92489
R-50 S1	1077	11/14/14	WG	Flow (in gpm)	2.5	gpm	CAMO-15-90220
R-50 S1	1077	07/22/14	WG	Flow (in gpm)	2.6	gpm	CAMO-14-84003
R-50 S1	1077	08/05/15	WG	Oxidation-Reduction Potential	58.9	mV	CAMO-15-102588
R-50 S1	1077	05/08/15	WG	Oxidation-Reduction Potential	238.4	mV	CAMO-15-95788
R-50 S1	1077	02/23/15	WG	Oxidation-Reduction Potential	76.7	mV	CAMO-15-92489
R-50 S1	1077	11/14/14	WG	Oxidation-Reduction Potential	193.2	mV	CAMO-15-90220
R-50 S1	1077	07/22/14	WG	Oxidation-Reduction Potential	126.6	mV	CAMO-14-84003
R-50 S1	1077	08/05/15	WG	pH	7.79	SU	CAMO-15-102588
R-50 S1	1077	05/08/15	WG	pH	7.98	SU	CAMO-15-95788
R-50 S1	1077	02/23/15	WG	pH	7.85	SU	CAMO-15-92489
R-50 S1	1077	11/14/14	WG	pH	7.67	SU	CAMO-15-90220
R-50 S1	1077	07/22/14	WG	pH	7.77	SU	CAMO-14-84003
R-50 S1	1077	08/05/15	WG	Specific Conductance	199	µS/cm	CAMO-15-102588

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077	05/08/15	WG	Specific Conductance	195	µS/cm	CAMO-15-95788
R-50 S1	1077	02/23/15	WG	Specific Conductance	186	µS/cm	CAMO-15-92489
R-50 S1	1077	11/14/14	WG	Specific Conductance	169	µS/cm	CAMO-15-90220
R-50 S1	1077	07/22/14	WG	Specific Conductance	200	µS/cm	CAMO-14-84003
R-50 S1	1077	08/05/15	WG	Temperature	21.9	deg C	CAMO-15-102588
R-50 S1	1077	05/08/15	WG	Temperature	20.18	deg C	CAMO-15-95788
R-50 S1	1077	02/23/15	WG	Temperature	19.16	deg C	CAMO-15-92489
R-50 S1	1077	11/14/14	WG	Temperature	20.41	deg C	CAMO-15-90220
R-50 S1	1077	07/22/14	WG	Temperature	22.8	deg C	CAMO-14-84003
R-50 S1	1077	08/05/15	WG	Turbidity	0.7	NTU	CAMO-15-102588
R-50 S1	1077	05/08/15	WG	Turbidity	0.55	NTU	CAMO-15-95788
R-50 S1	1077	02/23/15	WG	Turbidity	0.42	NTU	CAMO-15-92489
R-50 S1	1077	11/14/14	WG	Turbidity	0.2	NTU	CAMO-15-90220
R-50 S1	1077	07/22/14	WG	Turbidity	0.37	NTU	CAMO-14-84003
R-50 S2	1185	08/05/15	WG	Dissolved Oxygen	8.12	mg/L	CAMO-15-102589
R-50 S2	1185	05/11/15	WG	Dissolved Oxygen	8.18	mg/L	CAMO-15-95789
R-50 S2	1185	02/23/15	WG	Dissolved Oxygen	7.73	mg/L	CAMO-15-92490
R-50 S2	1185	11/13/14	WG	Dissolved Oxygen	7.43	mg/L	CAMO-15-90221
R-50 S2	1185	07/24/14	WG	Dissolved Oxygen	7.4	mg/L	CAMO-14-84004
R-50 S2	1185	08/05/15	WG	Flow (in gpm)	1.69	gpm	CAMO-15-102589
R-50 S2	1185	05/11/15	WG	Flow (in gpm)	1.27	gpm	CAMO-15-95789
R-50 S2	1185	02/23/15	WG	Flow (in gpm)	1.47	gpm	CAMO-15-92490
R-50 S2	1185	11/13/14	WG	Flow (in gpm)	1.5	gpm	CAMO-15-90221
R-50 S2	1185	07/24/14	WG	Flow (in gpm)	1.7	gpm	CAMO-14-84004
R-50 S2	1185	08/05/15	WG	Oxidation-Reduction Potential	70.8	mV	CAMO-15-102589
R-50 S2	1185	05/11/15	WG	Oxidation-Reduction Potential	121.3	mV	CAMO-15-95789
R-50 S2	1185	02/23/15	WG	Oxidation-Reduction Potential	61.8	mV	CAMO-15-92490
R-50 S2	1185	11/13/14	WG	Oxidation-Reduction Potential	147.7	mV	CAMO-15-90221

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S2	1185	07/24/14	WG	Oxidation-Reduction Potential	42.6	mV	CAMO-14-84004
R-50 S2	1185	08/05/15	WG	pH	7.81	SU	CAMO-15-102589
R-50 S2	1185	05/11/15	WG	pH	7.97	SU	CAMO-15-95789
R-50 S2	1185	02/23/15	WG	pH	8.03	SU	CAMO-15-92490
R-50 S2	1185	11/13/14	WG	pH	8.13	SU	CAMO-15-90221
R-50 S2	1185	07/24/14	WG	pH	8.03	SU	CAMO-14-84004
R-50 S2	1185	08/05/15	WG	Specific Conductance	136	µS/cm	CAMO-15-102589
R-50 S2	1185	05/11/15	WG	Specific Conductance	137	µS/cm	CAMO-15-95789
R-50 S2	1185	02/23/15	WG	Specific Conductance	131	µS/cm	CAMO-15-92490
R-50 S2	1185	11/13/14	WG	Specific Conductance	141	µS/cm	CAMO-15-90221
R-50 S2	1185	07/24/14	WG	Specific Conductance	135	µS/cm	CAMO-14-84004
R-50 S2	1185	08/05/15	WG	Temperature	21.68	deg C	CAMO-15-102589
R-50 S2	1185	05/11/15	WG	Temperature	21.41	deg C	CAMO-15-95789
R-50 S2	1185	02/23/15	WG	Temperature	18.65	deg C	CAMO-15-92490
R-50 S2	1185	11/13/14	WG	Temperature	19.57	deg C	CAMO-15-90221
R-50 S2	1185	07/24/14	WG	Temperature	22.01	deg C	CAMO-14-84004
R-50 S2	1185	08/05/15	WG	Turbidity	16	NTU	CAMO-15-102589
R-50 S2	1185	05/11/15	WG	Turbidity	1.51	NTU	CAMO-15-95789
R-50 S2	1185	02/23/15	WG	Turbidity	0.88	NTU	CAMO-15-92490
R-50 S2	1185	11/13/14	WG	Turbidity	0.49	NTU	CAMO-15-90221
R-50 S2	1185	07/24/14	WG	Turbidity	0.36	NTU	CAMO-14-84004
R-62	1158.4	08/13/15	WG	Dissolved Oxygen	6.07	mg/L	CAMO-15-102591
R-62	1158.4	05/12/15	WG	Dissolved Oxygen	6.56	mg/L	CAMO-15-95792
R-62	1158.4	02/24/15	WG	Dissolved Oxygen	6.76	mg/L	CAMO-15-92492
R-62	1158.4	11/17/14	WG	Dissolved Oxygen	6.41	mg/L	CAMO-15-90223
R-62	1158.4	06/26/14	WG	Dissolved Oxygen	7.01	mg/L	CAMO-14-83983
R-62	1158.4	08/13/15	WG	Flow (in gpm)	1.9	gpm	CAMO-15-102591
R-62	1158.4	05/12/15	WG	Flow (in gpm)	1.8	gpm	CAMO-15-95792

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-62	1158.4	02/24/15	WG	Flow (in gpm)	1.6	gpm	CAMO-15-92492
R-62	1158.4	11/17/14	WG	Flow (in gpm)	1.1	gpm	CAMO-15-90223
R-62	1158.4	06/26/14	WG	Flow (in gpm)	1.41	gpm	CAMO-14-83983
R-62	1158.4	08/13/15	WG	Oxidation-Reduction Potential	98.2	mV	CAMO-15-102591
R-62	1158.4	05/12/15	WG	Oxidation-Reduction Potential	66.2	mV	CAMO-15-95792
R-62	1158.4	02/24/15	WG	Oxidation-Reduction Potential	21.2	mV	CAMO-15-92492
R-62	1158.4	11/17/14	WG	Oxidation-Reduction Potential	65.1	mV	CAMO-15-90223
R-62	1158.4	06/26/14	WG	Oxidation-Reduction Potential	88.5	mV	CAMO-14-83983
R-62	1158.4	08/13/15	WG	pH	8.4	SU	CAMO-15-102591
R-62	1158.4	05/12/15	WG	pH	8.39	SU	CAMO-15-95792
R-62	1158.4	02/24/15	WG	pH	8.42	SU	CAMO-15-92492
R-62	1158.4	11/17/14	WG	pH	8.49	SU	CAMO-15-90223
R-62	1158.4	06/26/14	WG	pH	7.68	SU	CAMO-14-83983
R-62	1158.4	08/13/15	WG	Specific Conductance	191	µS/cm	CAMO-15-102591
R-62	1158.4	05/12/15	WG	Specific Conductance	194	µS/cm	CAMO-15-95792
R-62	1158.4	02/24/15	WG	Specific Conductance	196	µS/cm	CAMO-15-92492
R-62	1158.4	11/17/14	WG	Specific Conductance	205	µS/cm	CAMO-15-90223
R-62	1158.4	06/26/14	WG	Specific Conductance	215	µS/cm	CAMO-14-83983
R-62	1158.4	08/13/15	WG	Temperature	20.16	deg C	CAMO-15-102591
R-62	1158.4	05/12/15	WG	Temperature	19.12	deg C	CAMO-15-95792
R-62	1158.4	02/24/15	WG	Temperature	19.03	deg C	CAMO-15-92492
R-62	1158.4	11/17/14	WG	Temperature	19.55	deg C	CAMO-15-90223
R-62	1158.4	06/26/14	WG	Temperature	22.23	deg C	CAMO-14-83983
R-62	1158.4	08/13/15	WG	Turbidity	0.76	NTU	CAMO-15-102591
R-62	1158.4	05/12/15	WG	Turbidity	0.92	NTU	CAMO-15-95792
R-62	1158.4	02/24/15	WG	Turbidity	0.37	NTU	CAMO-15-92492
R-62	1158.4	11/17/14	WG	Turbidity	1.8	NTU	CAMO-15-90223
R-62	1158.4	06/26/14	WG	Turbidity	28.2	NTU	CAMO-14-83983

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-2	548	08/10/15	WG	Dissolved Oxygen	8.21	mg/L	CASA-15-102643
SCI-2	548	05/07/15	WG	Dissolved Oxygen	8.25	mg/L	CASA-15-95825
SCI-2	548	02/19/15	WG	Dissolved Oxygen	8.48	mg/L	CASA-15-92517
SCI-2	548	11/12/14	WG	Dissolved Oxygen	8.2	mg/L	CASA-15-90256
SCI-2	548	07/30/14	WG	Dissolved Oxygen	9.24	mg/L	CASA-14-81521
SCI-2	548	08/10/15	WG	Flow (in gpm)	0.71	gpm	CASA-15-102643
SCI-2	548	05/07/15	WG	Flow (in gpm)	0.79	gpm	CASA-15-95825
SCI-2	548	02/19/15	WG	Flow (in gpm)	0.8	gpm	CASA-15-92517
SCI-2	548	11/12/14	WG	Flow (in gpm)	0.8	gpm	CASA-15-90256
SCI-2	548	07/30/14	WG	Flow (in gpm)	1	gpm	CASA-14-81521
SCI-2	548	08/10/15	WG	Oxidation-Reduction Potential	142.5	mV	CASA-15-102643
SCI-2	548	05/07/15	WG	Oxidation-Reduction Potential	218	mV	CASA-15-95825
SCI-2	548	02/19/15	WG	Oxidation-Reduction Potential	117.4	mV	CASA-15-92517
SCI-2	548	11/12/14	WG	Oxidation-Reduction Potential	233.5	mV	CASA-15-90256
SCI-2	548	07/30/14	WG	Oxidation-Reduction Potential	66.4	mV	CASA-14-81521
SCI-2	548	08/10/15	WG	pH	7.25	SU	CASA-15-102643
SCI-2	548	05/07/15	WG	pH	7.43	SU	CASA-15-95825
SCI-2	548	02/19/15	WG	pH	7.3	SU	CASA-15-92517
SCI-2	548	11/12/14	WG	pH	7.38	SU	CASA-15-90256
SCI-2	548	07/30/14	WG	pH	7.38	SU	CASA-14-81521
SCI-2	548	08/10/15	WG	Specific Conductance	615	µS/cm	CASA-15-102643
SCI-2	548	05/07/15	WG	Specific Conductance	621	µS/cm	CASA-15-95825
SCI-2	548	02/19/15	WG	Specific Conductance	604	µS/cm	CASA-15-92517
SCI-2	548	11/12/14	WG	Specific Conductance	615	µS/cm	CASA-15-90256
SCI-2	548	07/30/14	WG	Specific Conductance	620	µS/cm	CASA-14-81521
SCI-2	548	08/10/15	WG	Temperature	14.32	deg C	CASA-15-102643
SCI-2	548	05/07/15	WG	Temperature	14.41	deg C	CASA-15-95825
SCI-2	548	02/19/15	WG	Temperature	13.73	deg C	CASA-15-92517

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-2	548	11/12/14	WG	Temperature	14.03	deg C	CASA-15-90256
SCI-2	548	07/30/14	WG	Temperature	15.18	deg C	CASA-14-81521
SCI-2	548	08/10/15	WG	Turbidity	1.93	NTU	CASA-15-102643
SCI-2	548	05/07/15	WG	Turbidity	0.92	NTU	CASA-15-95825
SCI-2	548	02/19/15	WG	Turbidity	1.3	NTU	CASA-15-92517
SCI-2	548	11/12/14	WG	Turbidity	2.2	NTU	CASA-15-90256
SCI-2	548	07/30/14	WG	Turbidity	7.6	NTU	CASA-14-81521

[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	Control 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
IDL	instrument detection limit

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IS	internal standard
LAL	lower acceptance limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
LOC	level of chlorination
LSC	liquid scintillation counting
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
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
TCDD	tetrachlorodibenzo-p-dioxin

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
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
PEB	performance evaluation blank

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
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
GEL	General Engineering Laboratories, Inc.

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Lab Codes (continued)	
GELC	General Engineering Laboratories, Inc., Charleston, SC
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	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.27	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95795	UIL
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.26	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95761	UIL
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.34	—	—	—	%	Y	—	NQ	2015-1059	CAMO-15-92475	UIL
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.36	—	—	—	%	Y	—	NQ	2015-1059	CAMO-15-92494	UIL
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.36	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90189	UIL
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.33	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90225	UIL
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.4	—	—	—	%	Y	—	NQ	2014-4426	CAMO-14-84007	UIL
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.44	—	—	—	%	Y	—	NQ	2014-4426	CAMO-14-83995	UIL
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.42	—	—	—	%	Y	—	NQ	2014-4427	CAMO-14-75510	UIL
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.41	—	—	—	%	Y	—	NQ	2014-4427	CAMO-14-75486	UIL
R-11	855	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	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.19	—	—	—	%	Y	—	NQ	2015-562	CASA-15-90257	UIL
R-11	855	04/29/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.21	—	—	—	%	Y	—	NQ	09-1858	CASA-09-8275	UIL
R-11	855	11/05/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.34	—	—	—	%	Y	—	NQ	09-323	CASA-09-883	UIL
R-11	855	08/11/08	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.22	—	—	0.1	%	Y	—	NQ	08-1742	CASA-08-14383	UIL
R-43 S1	903.9	05/15/15	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1	—	—	—	%	Y	—	NQ	2015-1491	CASA-15-95831	UIL
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.98	—	—	—	%	N	—	NQ	2015-1491	CASA-15-95831	UIL
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.87	—	—	—	%	Y	—	NQ	2015-1060	CASA-15-92522	UIL
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.91	—	—	—	%	Y	—	NQ	2015-562	CASA-15-90261	UIL
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.94	—	—	—	%	Y	—	NQ	2014-4428	CASA-14-81525	UIL
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.91	—	—	—	%	Y	—	NQ	2014-4428	CASA-14-81515	UIL
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.98	—	—	—	%	Y	—	NQ	2014-4430	CASA-14-75536	UIL
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.48	—	—	—	%	Y	—	NQ	2015-1491	CASA-15-95832	UIL
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.47	—	—	—	%	Y	—	NQ	2015-1060	CASA-15-92523	UIL
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.41	—	—	—	%	Y	—	NQ	2015-1060	CASA-15-92510	UIL
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.13	—	—	—	%	Y	—	NQ	2015-562	CASA-15-90262	UIL
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.52	—	—	—	%	Y	—	NQ	2014-4430	CASA-14-75537	UIL
R-43 S2	969.1	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.57	—	—	—	%	Y	—	NQ	2014-2809	CASA-14-49697	UIL
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.06	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95807	UIL
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.17	—	—	—	%	Y	—	NQ	2015-1059	CAMO-15-92503	UIL
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.07	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90235	UIL
R-45 S1	880	08/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.04	—	—	—	%	Y	—	NQ	2014-4426	CAMO-14-84012	UIL
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.12	—	—	—	%	Y	—	NQ	2014-4427	CAMO-14-75517	UIL
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.29	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95808	UIL
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.27	—	—	—	%	Y	—	NQ	2015-1059	CAMO-15-92504	UIL
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.27	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90236	UIL
R-45 S2	974.9	08/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.27	—	—	—	%	Y	—	NQ	2014-4426	CAMO-14-84013	UIL
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.24	—	—	—	%	Y	—	NQ	2014-4427	CAMO-14-75518	UIL
R-50 S1	1077	05/08/15	WG	F	REP	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.04	—	—	—	%	N	—	NQ	2015-1492	CAMO-15-95810	UIL
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.07	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95810	UIL
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.98	—	—	—	%	Y	—	NQ	2015-1059	CAMO-15-92505	UIL
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.99	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90237	UIL
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.03	—	—	—	%	Y	—	NQ	2014-4426	CAMO-14-84014	UIL
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.98	—	—	—	%	Y	—	NQ	2014-4427	CAMO-14-75519	UIL
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.15	—	—	—	%	Y	—	NQ	2015-1492	CAMO-15-95811	UIL
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.2	—	—	—	%	Y	—	NQ	2015-1059	CAMO-15-92506	UIL
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.21	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90238	UIL
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.06	—	—	—	%	Y	—	NQ	2014-4426	CAMO-14-84015	UIL
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.03	—	—	—	%	Y	—	NQ	2014-4427	CAMO-14-75520	UIL

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	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
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	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.02	—	—	—	%	Y	—	NQ	2015-560	CAMO-15-90240	UIL
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.95	—	—	—	%	Y	—	NQ	2014-4431	CAMO-14-83984	UIL
R-62	1158.4	11/12/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.95	—	—	—	%	Y	—	NQ	2014-2771	CAMO-14-45727	UIL
R-62	1158.4	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	0.95	—	—	—	%	Y	—	NQ	2014-2771	CAMO-14-45774	UIL
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.01	—	—	—	%	Y	—	NQ	2013-383	CAMO-13-24370	UIL
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	8.129	—	—	1	permil	Y	—	NQ	2015-1188	CAMO-15-95762	EES6
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	8.317	—	—	1	permil	Y	—	NQ	2015-1188	CAMO-15-95814	EES6
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	8.134	—	—	—	permil	Y	—	NQ	2015-349	CAMO-15-90240	EES6
R-62	1158.4	11/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	9.38	—	—	—	permil	Y	—	NQ	2014-2447	CAMO-14-45727	EES6
R-62	1158.4	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	9.55	—	—	—	permil	Y	—	NQ	2014-2447	CAMO-14-45774	EES6
R-62	1158.4	11/08/12	WG	F	REP	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	9.678	—	—	—	permil	Y	—	NQ	2013-301	CAMO-13-24370	EES6
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	9.453	—	—	—	permil	N	—	NQ	2013-301	CAMO-13-24370	EES6
R-62	1158.4	08/08/12	WG	F	REP	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	9.919	—	—	—	permil	Y	—	NQ	12-1485	CAMO-12-22328	EES6
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Nitrogen Isotope Ratio	Nitrogen-15/Nitrogen-14 Ratio	N15N14	Y	9.832	—	—	—	permil	N	—	NQ	12-1485	CAMO-12-22328	EES6
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.113	—	—	1	permil	Y	—	NQ	2015-1188	CAMO-15-95762	EES6
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.798	—	—	1	permil	Y	—	NQ	2015-1188	CAMO-15-95814	EES6
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.607	—	—	—	permil	Y	—	NQ	2015-349	CAMO-15-90240	EES6
R-62	1158.4	11/12/13	WG	F	INIT	FD	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-1.18	—	—	—	permil	Y	—	NQ	2014-2447	CAMO-14-45727	EES6
R-62	1158.4	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.15	—	—	—	permil	Y	—	NQ	2014-2447	CAMO-14-45774	EES6
R-62	1158.4	11/08/12	WG	F	REP	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-3.391	—	—	—	permil	Y	—	NQ	2013-301	CAMO-13-24370	EES6
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-3.733	—	—	—	permil	N	—	NQ	2013-301	CAMO-13-24370	EES6
R-62	1158.4	08/08/12	WG	F	REP	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-0.616	—	—	—	permil	Y	—	NQ	12-1485	CAMO-12-22328	EES6
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	Generic:Oxygen Isotope Ratio	Oxygen-18/Oxygen-16 Ratio from Nitrate	O18O16-NO3	Y	-2.221	—	—	—	permil	N	—	NQ	12-1485	CAMO-12-22328	EES6

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	08/14/15	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	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.64	—	—	0.01	SU	Y	H	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	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	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	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	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	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	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0669	—	—	0.017	mg/L	Y	—	J-	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.106	—	—	0.017	mg/L	Y	—	U	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.103	—	—	0.017	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0236	—	—	0.017	mg/L	Y	J	J	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18	—	—	1	µg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.9	—	—	1	µg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.8	—	—	1	µg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.4	—	—	15	µg/L	Y	J	J	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.139	—	—	0.067	mg/L	Y	J	J	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.127	—	—	0.067	mg/L	Y	J	J	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.137	—	—	0.067	mg/L	Y	J	J	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.134	—	—	0.067	mg/L	Y	J	J	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.156	—	—	0.067	mg/L	Y	J	J	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	0.05	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.3	—	—	0.05	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.29	—	—	0.067	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.58	—	—	0.067	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.79	—	—	0.067	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.48	—	—	0.134	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.13	—	—	0.067	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.48	—	—	2	µg/L	Y	J	J	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.53	—	—	2	µg/L	Y	J	J	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.57	—	—	2	µg/L	Y	J	J	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.39	—	—	2	µg/L	Y	J	J	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.51	—	—	2	µg/L	Y	J	J	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.18	—	—	0.033	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.168	—	—	0.033	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.22	—	—	0.033	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.5	—	—	0.453	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	70.5	—	—	0.453	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	71.7	—	—	0.453	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	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	11/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.8	—	—	0.453	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.8	—	—	0.453	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.37	—	—	0.11	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.04	—	—	0.11	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.17	—	—	0.11	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.91	—	—	0.11	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.165	µg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.165	µg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.57	—	—	0.165	µg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.165	µg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	J	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.648	—	—	0.5	µg/L	Y	J	J	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.692	—	—	0.5	µg/L	Y	J	J	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.24	—	—	0.5	µg/L	Y	J	J	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.01	—	—	0.5	µg/L	Y	J	J	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.9	—	—	0.085	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.15	—	—	0.17	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.4	—	—	0.085	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.82	—	—	0.17	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.93	—	—	0.425	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	97	—	—	5	µg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	87.2	—	—	5	µg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	78.8	—	—	5	µg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	86.1	—	—	5	µg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	86	—	—	5	µg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.545	—	—	0.05	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.537	—	—	0.05	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.5	—	—	0.05	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.543	—	—	0.05	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.504	—	—	0.05	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65	—	—	0.053	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.5	—	—	0.1	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	2150	—	—	1	µS/cm	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	3.63	µS/cm	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	3.63	µS/cm	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	3.63	µS/cm	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2015-2166	CAMO-15-102596	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	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.3	—	—	1	µg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.7	—	—	1	µg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.7	—	—	1	µg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	92.9	—	—	1	µg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16	—	—	0.133	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.5	—	—	0.133	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.9	—	—	0.133	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.9	—	—	0.133	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.1	—	—	0.133	mg/L	Y	—	NQ	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	NQ	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	377	—	—	3.4	mg/L	Y	—	J	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.33	mg/L	Y	J	J	2015-2166	CAMO-15-102572	GELC
MCOI-5	689.04	05/13/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.387	—	—	0.33	mg/L	Y	J	J	2015-1200	CAMO-15-95772	GELC
MCOI-5	689.04	02/20/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.33	mg/L	Y	J	J	2015-808	CAMO-15-92477	GELC
MCOI-5	689.04	11/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.612	—	—	0.33	mg/L	Y	J	J-	2015-370	CAMO-15-90207	GELC
MCOI-5	689.04	05/12/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.434	—	—	0.33	mg/L	Y	J	J	2014-3383	CAMO-14-75494	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0424	—	—	0.017	mg/L	Y	J	J	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0603	—	—	0.017	mg/L	Y	—	U	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0695	—	—	0.017	mg/L	Y	—	U	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.032	—	—	0.017	mg/L	Y	J	U	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0606	—	—	0.017	mg/L	Y	—	U	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.159	—	—	0.067	µg/L	Y	J	J	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.138	—	—	0.067	µg/L	Y	J	J	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.142	—	—	0.067	µg/L	Y	J	J	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.164	—	—	0.067	µg/L	Y	J	J	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.165	—	—	0.067	µg/L	Y	J	J	2014-3383	CAMO-14-75509	GELC
MCOI-5	689.04	08/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.9	—	—	1	µg/L	Y	J	J	2015-2166	CAMO-15-102596	GELC
MCOI-5	689.04	05/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.01	—	—	1	µg/L	Y	J	J	2015-1200	CAMO-15-95794	GELC
MCOI-5	689.04	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.58	—	—	1	µg/L	Y	J	J	2015-808	CAMO-15-92493	GELC
MCOI-5	689.04	11/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.45	—	—	1	µg/L	Y	J	J	2015-370	CAMO-15-90224	GELC
MCOI-5	689.04	05/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.91	—	—	1	µg/L	Y	J	J	2014-3383	CAMO-14-75509	GELC
MCOI-6	686	08/04/15	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	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.42	—	—	0.01	SU	Y	H	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	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	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	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	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.27	—	—	0.01	SU	Y	H	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.6	—	—	0.725	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.7	—	—	0.725	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.7	—	—	0.725	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	98.5	—	—	0.725	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97	—	—	0.725	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	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	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.7	—	—	0.725	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	0.725	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.4	—	—	0.725	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.9	—	—	0.725	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0974	—	—	0.017	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0546	—	—	0.017	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0349	—	—	0.017	mg/L	Y	J	J	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.12	—	—	0.017	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.202	—	—	0.017	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0777	—	—	0.017	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0375	—	—	0.017	mg/L	Y	J	J	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0745	—	—	0.017	mg/L	Y	—	U	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.105	—	—	0.017	mg/L	Y	—	U	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.3	—	—	1	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.9	—	—	1	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.1	—	—	1	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.2	—	—	1	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.8	—	—	1	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	41	—	—	1	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.3	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	56	—	—	15	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	56	—	—	15	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	52.2	—	—	15	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	52.9	—	—	15	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	45.3	—	—	15	µg/L	Y	J	J	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	46.8	—	—	15	µg/L	Y	J	J	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	49.1	—	—	15	µg/L	Y	J	J	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	48.8	—	—	15	µg/L	Y	J	J	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	49.6	—	—	15	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	47.9	—	—	15	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.56	—	—	0.067	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.574	—	—	0.067	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.575	—	—	0.067	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.571	—	—	0.067	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.575	—	—	0.067	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.703	—	—	0.67	mg/L	Y	J	J	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	2	—	—	0.67	mg/L	Y	U	U	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.615	—	—	0.067	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.583	—	—	0.067	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	64	—	—	0.05	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	63.3	—	—	0.05	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	64.4	—	—	0.05	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	58.8	—	—	0.05	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	59.7	—	—	0.05	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	63.9	—	—	0.05	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	62.8	—	—	0.05	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	64.1	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	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	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	63.5	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	58	—	—	0.67	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	57.8	—	—	0.67	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	57.7	—	—	0.67	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	57.4	—	—	0.67	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	57.7	—	—	0.67	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.9	—	—	0.67	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.9	—	—	0.67	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.9	—	—	0.67	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	63	—	—	0.67	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	74.7	—	—	2	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	74.7	—	—	2	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	74.7	—	—	2	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	74.1	—	—	2	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	75.1	—	—	2	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	69.8	—	—	2	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	69.3	—	—	2	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	80.1	—	—	2	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	80.9	—	—	2	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.81	—	—	3	µg/L	Y	J	J	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.88	—	—	3	µg/L	Y	J	J	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.67	—	—	3	µg/L	Y	J	J	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.76	—	—	3	µg/L	Y	J	J	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.68	—	—	3	µg/L	Y	J	J	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	6.06	—	—	3	µg/L	Y	J	J	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.53	—	—	3	µg/L	Y	J	J	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.87	—	—	3	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.56	—	—	3	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00278	—	—	0.00167	mg/L	Y	J	J	2015-2020	CAMO-15-102573	GELC
MCOI-6	686	05/05/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00263	—	—	0.00167	mg/L	Y	J	J	2015-1158	CAMO-15-95758	GELC
MCOI-6	686	05/05/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00277	—	—	0.00167	mg/L	Y	J	J	2015-1158	CAMO-15-95773	GELC
MCOI-6	686	02/26/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00311	—	—	0.00167	mg/L	Y	J	J	2015-837	CAMO-15-92478	GELC
MCOI-6	686	02/26/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00268	—	—	0.00167	mg/L	Y	J	J	2015-837	CAMO-15-92473	GELC
MCOI-6	686	11/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00276	—	—	0.00167	mg/L	Y	J	J	2015-262	CAMO-15-90208	GELC
MCOI-6	686	11/07/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0025	—	—	0.00167	mg/L	Y	J	J	2015-262	CAMO-15-90188	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00201	—	—	0.00167	mg/L	Y	J	J	2014-3700	CAMO-14-83996	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00219	—	—	0.00167	mg/L	Y	J	J	2014-3700	CAMO-14-83994	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.513	—	—	0.033	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.517	—	—	0.033	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.518	—	—	0.033	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.525	—	—	0.033	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.529	—	—	0.033	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.508	—	—	0.033	mg/L	Y	H	J-	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	RE	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.517	—	—	0.033	mg/L	Y	H	J-	2015-262	CAMO-15-90189	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.977	—	—	0.33	mg/L	N	J	R	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.947	—	—	0.33	mg/L	N	J	R	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.504	—	—	0.033	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.478	—	—	0.033	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	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	08/04/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	213	—	—	0.453	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	212	—	—	0.453	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	215	—	—	0.453	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	197	—	—	0.453	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	200	—	—	0.453	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	213	—	—	0.453	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	210	—	—	0.453	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	214	—	—	0.453	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	212	—	—	0.453	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.9	—	—	0.11	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13	—	—	0.11	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13.1	—	—	0.11	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.3	—	—	0.11	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.4	—	—	0.11	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13	—	—	0.11	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.9	—	—	0.11	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13.1	—	—	0.11	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13	—	—	0.11	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.86	—	—	2	µg/L	Y	J	J	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	4.04	—	—	2	µg/L	Y	J	J	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	4.42	—	—	2	µg/L	Y	J	J	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.15	—	—	2	µg/L	Y	J	J	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.92	—	—	2	µg/L	Y	J	J	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.13	—	—	2	µg/L	Y	J	J	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.08	—	—	2	µg/L	Y	J	J	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.05	—	—	2	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.93	—	—	2	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.03	—	—	0.165	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.79	—	—	0.165	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.165	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.96	—	—	0.165	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.06	—	—	0.165	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.165	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.89	—	—	0.165	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.02	—	—	0.165	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2	—	—	0.165	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	31.8	—	—	0.5	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	37.1	—	—	0.5	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	36.6	—	—	0.5	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	35.6	—	—	0.5	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	34.6	—	—	0.5	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	29.7	—	—	0.5	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	29.2	—	—	0.5	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	33.8	—	—	0.5	µg/L	Y	—	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	35	—	—	0.5	µg/L	Y	—	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.95	—	—	0.425	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.28	—	—	0.425	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.1	—	—	0.425	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	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	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.14	—	—	0.17	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.71	—	—	0.17	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.17	—	—	0.17	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.98	—	—	0.17	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.76	—	—	0.17	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8	—	—	0.17	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	61.8	—	—	5	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	65.7	—	—	5	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	65.3	—	—	5	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	62.9	—	—	5	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	61.1	—	—	5	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	62.3	—	—	5	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	60.7	—	—	5	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	60.1	—	—	5	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	58.9	—	—	5	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.742	—	—	0.05	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.751	—	—	0.05	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.756	—	—	0.05	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.731	—	—	0.05	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.752	—	—	0.05	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.936	—	—	0.05	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.944	—	—	0.05	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.869	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.868	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.8	—	—	0.053	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.53	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.53	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	27.3	—	—	0.1	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	24.1	—	—	0.1	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	24.9	—	—	0.1	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	28.9	—	—	0.1	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	29.4	—	—	0.1	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.1	—	—	0.1	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.4	—	—	0.1	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.4	—	—	0.1	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.9	—	—	0.1	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	547	—	—	3.63	µS/cm	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	544	—	—	3.63	µS/cm	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	537	—	—	3.63	µS/cm	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	541	—	—	3.63	µS/cm	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	543	—	—	3.63	µS/cm	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	554	—	—	3.63	µS/cm	Y	—	NQ	2015-262	CAMO-15-90225	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	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	552	—	—	3.63	µS/cm	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	566	—	—	1	µS/cm	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	567	—	—	1	µS/cm	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	297	—	—	1	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	256	—	—	1	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	271	—	—	1	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	306	—	—	1	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	311	—	—	1	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	286	—	—	1	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	282	—	—	1	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	296	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	294	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	71.4	—	—	0.133	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59.7	—	—	1.33	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	60.1	—	—	1.33	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59.2	—	—	1.33	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59.6	—	—	1.33	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	64.5	—	—	1.33	mg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	64.2	—	—	1.33	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	64	—	—	1.33	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	63.7	—	—	1.33	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.24	—	—	2.5	µg/L	Y	J	J	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	396	—	—	3.4	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	456	—	—	3.4	mg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	383	—	—	3.4	mg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	451	—	—	3.4	mg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	409	—	—	3.4	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	403	—	—	3.4	mg/L	Y	—	J	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	369	—	—	3.4	mg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	354	—	—	3.4	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	374	—	—	3.4	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.183	—	—	0.033	mg/L	Y	—	NQ	2015-2020	CAMO-15-102573	GELC
MCOI-6	686	05/05/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-1158	CAMO-15-95758	GELC
MCOI-6	686	05/05/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.092	—	—	0.033	mg/L	Y	J	J	2015-1158	CAMO-15-95773	GELC
MCOI-6	686	02/26/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0865	—	—	0.033	mg/L	Y	J	J	2015-837	CAMO-15-92478	GELC
MCOI-6	686	02/26/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.052	—	—	0.033	mg/L	Y	J	J	2015-837	CAMO-15-92473	GELC
MCOI-6	686	11/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.108	—	—	0.033	mg/L	Y	—	NQ	2015-262	CAMO-15-90208	GELC
MCOI-6	686	11/07/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0868	—	—	0.033	mg/L	Y	J	J	2015-262	CAMO-15-90188	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.156	—	—	0.033	mg/L	Y	—	U	2014-3700	CAMO-14-83996	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.182	—	—	0.033	mg/L	Y	—	U	2014-3700	CAMO-14-83994	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	08/04/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.01	—	—	0.33	mg/L	Y	—	NQ	2015-2020	CAMO-15-102573	GELC
MCOI-6	686	05/05/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.878	—	—	0.33	mg/L	Y	J	J	2015-1158	CAMO-15-95758	GELC
MCOI-6	686	05/05/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.897	—	—	0.33	mg/L	Y	J	J	2015-1158	CAMO-15-95773	GELC
MCOI-6	686	02/26/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.26	—	—	0.33	mg/L	Y	—	NQ	2015-837	CAMO-15-92478	GELC
MCOI-6	686	02/26/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.33	—	—	0.33	mg/L	Y	—	NQ	2015-837	CAMO-15-92473	GELC
MCOI-6	686	11/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	—	0.33	mg/L	Y	—	J-	2015-262	CAMO-15-90208	GELC
MCOI-6	686	11/07/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.05	—	—	0.33	mg/L	Y	—	J-	2015-262	CAMO-15-90188	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.942	—	—	0.33	mg/L	Y	J	J	2014-3700	CAMO-14-83996	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.957	—	—	0.33	mg/L	Y	J	J	2014-3700	CAMO-14-83994	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0572	—	—	0.017	mg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.102	—	—	0.017	mg/L	Y	—	U	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0849	—	—	0.017	mg/L	Y	—	U	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0425	—	—	0.017	mg/L	Y	J	J	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0529	—	—	0.017	mg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0358	—	—	0.017	mg/L	Y	J	J	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0381	—	—	0.017	mg/L	Y	J	J	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0521	—	—	0.017	mg/L	Y	—	U	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0683	—	—	0.017	mg/L	Y	—	U	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.07	—	—	0.067	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.07	—	—	0.067	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.09	—	—	0.067	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.15	—	—	0.067	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.55	—	—	1	µg/L	Y	J	J	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.26	—	—	1	µg/L	Y	J	J	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.28	—	—	1	µg/L	Y	J	J	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.32	—	—	1	µg/L	Y	J	J	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.26	—	—	1	µg/L	Y	J	J	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.2	—	—	1	µg/L	Y	J	J	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.27	—	—	1	µg/L	Y	J	J	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.36	—	—	1	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.77	—	—	1	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	22	—	—	3.3	µg/L	Y	—	NQ	2015-2020	CAMO-15-102597	GELC
MCOI-6	686	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.7	—	—	3.3	µg/L	Y	—	NQ	2015-1158	CAMO-15-95795	GELC
MCOI-6	686	05/05/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.7	—	—	3.3	µg/L	Y	—	NQ	2015-1158	CAMO-15-95761	GELC
MCOI-6	686	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.7	—	—	3.3	µg/L	Y	—	NQ	2015-837	CAMO-15-92494	GELC
MCOI-6	686	02/26/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	26.8	—	—	3.3	µg/L	Y	—	NQ	2015-837	CAMO-15-92475	GELC
MCOI-6	686	11/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	27.1	—	—	3.3	µg/L	Y	—	NQ	2015-262	CAMO-15-90225	GELC
MCOI-6	686	11/07/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	27	—	—	3.3	µg/L	Y	—	NQ	2015-262	CAMO-15-90189	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	19.7	—	—	3.3	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.2	—	—	3.3	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
R-11	855	08/07/15	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	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	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	2015-792	CASA-15-92518	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	11/19/14	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	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	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	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.7	—	—	0.725	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	0.725	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.5	—	—	0.725	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.7	—	—	0.725	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	0.725	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	43.4	—	—	1	µg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.1	—	—	1	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.1	—	—	1	µg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.8	—	—	1	µg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.9	—	—	1	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32.1	—	—	15	µg/L	Y	J	J	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.1	—	—	15	µg/L	Y	J	J	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.5	—	—	15	µg/L	Y	J	J	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	29.6	—	—	15	µg/L	Y	J	J	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.5	—	—	15	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.086	—	—	0.067	mg/L	Y	J	J	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0885	—	—	0.067	mg/L	Y	J	J	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0946	—	—	0.067	mg/L	Y	J	J	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0954	—	—	0.067	mg/L	Y	J	J	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.5	—	—	0.05	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.8	—	—	0.05	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.15	—	—	0.067	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.51	—	—	0.067	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.32	—	—	0.067	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.76	—	—	0.067	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.15	—	—	0.067	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.8	—	—	2	µg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.1	—	—	2	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	24	—	—	2	µg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	23.1	—	—	2	µg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	25.4	—	—	2	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.374	—	—	0.033	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	—	0.033	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.6	—	—	0.453	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.4	—	—	0.453	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.4	—	—	0.453	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.1	—	—	0.453	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.2	—	—	0.453	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.92	—	—	0.11	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	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	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.49	—	—	0.11	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	0.11	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.35	—	—	0.11	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.49	—	—	0.11	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.68	—	—	0.165	µg/L	Y	—	J	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.165	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.56	—	—	0.165	µg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.165	µg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.165	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.65	—	—	0.085	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.61	—	—	0.17	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.95	—	—	0.085	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.69	—	—	0.17	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.8	—	—	0.17	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.83	—	—	0.05	µg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.682	—	—	0.05	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.77	—	—	0.05	µg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.967	—	—	0.05	µg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.906	—	—	0.05	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.27	—	—	1.5	µg/L	Y	J	J	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.81	—	—	1.5	µg/L	Y	J	J	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.72	—	—	1.5	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	3.63	µS/cm	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	3.63	µS/cm	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	3.63	µS/cm	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	216	—	—	3.63	µS/cm	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.7	—	—	1	µg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87	—	—	1	µg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.1	—	—	1	µg/L	Y	—	NQ	2015-393	CASA-15-90257	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	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.7	—	—	1	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	—	—	0.133	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	—	0.133	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14	—	—	0.133	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.73	—	—	2.5	µg/L	Y	J	J	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0553	—	—	0.017	mg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0207	—	—	0.017	mg/L	Y	J	J	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0239	—	—	0.017	mg/L	Y	J	J	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	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	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0935	—	—	0.017	mg/L	Y	—	U	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.687	—	—	0.067	µg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.583	—	—	0.067	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.796	—	—	0.067	µg/L	Y	—	J	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.756	—	—	0.067	µg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.682	—	—	0.067	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.35	—	—	1	µg/L	Y	—	NQ	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.17	—	—	1	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.04	—	—	1	µg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.79	—	—	1	µg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.89	—	—	1	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.9	—	—	3.3	µg/L	Y	J	J	2015-2090	CASA-15-102647	GELC
R-11	855	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.6	—	—	3.3	µg/L	Y	—	NQ	2015-1214	CASA-15-95827	GELC
R-11	855	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.9	—	—	3.3	µg/L	Y	—	NQ	2015-792	CASA-15-92518	GELC
R-11	855	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.6	—	—	3.3	µg/L	Y	—	NQ	2015-393	CASA-15-90257	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.62	—	—	3.3	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-13	958.33	08/11/15	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	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	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	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	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	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	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	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	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	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	—	0.725	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.5	—	—	0.725	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.725	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.157	—	—	0.017	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.143	—	—	0.017	mg/L	Y	—	U	2015-1213	CAMO-15-95797	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	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0916	—	—	0.017	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	UJ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.249	—	—	0.017	mg/L	Y	—	J-	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.85	—	—	1.7	µg/L	Y	J	J	2015-2137	CAMO-15-102598	GELC
R-13	958.33	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-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.99	—	—	1.7	µg/L	Y	J	J	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.8	—	—	1	µg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.3	—	—	1	µg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.43	—	—	0.067	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.54	—	—	0.067	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.51	—	—	0.067	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.81	—	—	2	µg/L	Y	J	J	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.84	—	—	2	µg/L	Y	J	J	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.91	—	—	2	µg/L	Y	J	J	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.71	—	—	2	µg/L	Y	J	J	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.14	—	—	2	µg/L	Y	J	J	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.295	—	—	0.033	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.507	—	—	0.033	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.3	—	—	0.453	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.4	—	—	0.453	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.1	—	—	0.453	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.2	—	—	0.453	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.2	—	—	0.453	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.64	—	—	0.11	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.51	—	—	0.11	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.5	—	—	0.11	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.17	—	—	0.11	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.997	—	—	0.165	µg/L	Y	—	NQ	2014-3342	CAMO-14-75511	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	08/11/15	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	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.783	—	—	0.017	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.748	—	—	0.017	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.739	—	—	0.017	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.811	—	—	0.017	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.05	µg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.455	—	—	0.05	µg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.375	—	—	0.05	µg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.16	—	—	0.05	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.92	—	—	0.1	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.78	—	—	0.1	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.14	—	—	0.1	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	3.63	µS/cm	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	3.63	µS/cm	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.12	—	—	0.133	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.28	—	—	0.133	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.28	—	—	0.133	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.47	—	—	0.133	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.28	—	—	0.133	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.39	—	—	0.33	mg/L	Y	J	J	2015-2137	CAMO-15-102574	GELC
R-13	958.33	05/14/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.455	—	—	0.33	mg/L	Y	J	J	2015-1213	CAMO-15-95775	GELC
R-13	958.33	02/13/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.494	—	—	0.33	mg/L	Y	J	J	2015-794	CAMO-15-92479	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	11/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.69	—	—	0.33	mg/L	Y	J	J-	2015-391	CAMO-15-90210	GELC
R-13	958.33	05/05/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.605	—	—	0.33	mg/L	Y	J	J	2014-3342	CAMO-14-75496	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.031	—	—	0.017	mg/L	Y	J	J	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.04	—	—	0.017	mg/L	Y	J	U	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0469	—	—	0.017	mg/L	Y	J	U	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0189	—	—	0.017	mg/L	Y	J	U	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	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	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.425	—	—	0.067	µg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.367	—	—	0.067	µg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.409	—	—	0.067	µg/L	Y	—	NQ	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.407	—	—	0.067	µg/L	Y	—	NQ	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.468	—	—	0.067	µg/L	Y	—	NQ	2014-3342	CAMO-14-75511	GELC
R-13	958.33	08/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5	—	—	1	µg/L	Y	—	NQ	2015-2137	CAMO-15-102598	GELC
R-13	958.33	05/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.09	—	—	1	µg/L	Y	—	NQ	2015-1213	CAMO-15-95797	GELC
R-13	958.33	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.82	—	—	1	µg/L	Y	J	J	2015-794	CAMO-15-92495	GELC
R-13	958.33	11/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.94	—	—	1	µg/L	Y	J	J	2015-391	CAMO-15-90227	GELC
R-13	958.33	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.26	—	—	1	µg/L	Y	J	J	2014-3342	CAMO-14-75511	GELC
R-15	958.6	08/13/15	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	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	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	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	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	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	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	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.3	—	—	0.725	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.725	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57	—	—	0.725	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.3	—	—	0.725	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	—	0.725	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.122	—	—	0.017	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.107	—	—	0.017	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.017	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.308	—	—	0.017	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.17	—	—	1.7	µg/L	Y	J	J	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.5	—	—	1	µg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.99	—	—	0.067	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	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	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.06	—	—	0.067	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.14	—	—	0.067	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.19	—	—	0.067	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.65	—	—	0.067	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.5	—	—	2	µg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.5	—	—	2	µg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.3	—	—	2	µg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.2	—	—	2	µg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.6	—	—	2	µg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.143	—	—	0.033	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.179	—	—	0.033	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.1	—	—	0.453	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.2	—	—	0.453	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.5	—	—	0.453	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.4	—	—	0.453	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.3	—	—	0.453	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.92	—	—	0.11	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	0.11	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.925	—	—	0.165	µg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.918	—	—	0.165	µg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.934	—	—	0.165	µg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.955	—	—	0.165	µg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.889	—	—	0.165	µg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.69	—	—	0.085	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.22	—	—	0.17	mg/L	Y	H	J-	2015-1147	CAMO-15-95799	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.31	—	—	0.085	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.085	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	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	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	—	—	0.17	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.93	—	—	0.5	µg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.71	—	—	0.5	µg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.22	—	—	0.5	µg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.03	—	—	1	µg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.98	—	—	0.5	µg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.76	—	—	0.05	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	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	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71	—	—	0.053	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.16	—	—	0.1	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.57	—	—	0.1	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	3.63	µS/cm	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	3.63	µS/cm	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	3.63	µS/cm	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	3.63	µS/cm	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	160	—	—	1	µS/cm	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.8	—	—	1	µg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64.3	—	—	1	µg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.9	—	—	1	µg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.1	—	—	1	µg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.3	—	—	1	µg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.22	—	—	0.133	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.31	—	—	0.133	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.58	—	—	0.133	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.46	—	—	0.133	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.51	—	—	0.133	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	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	2015-2156	CAMO-15-102599	GELC
R-15	958.6	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-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0302	—	—	0.017	mg/L	Y	J	U	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	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	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0644	—	—	0.017	mg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.439	—	—	0.067	µg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.4	—	—	0.067	µg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.4	—	—	0.067	µg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.417	—	—	0.067	µg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.423	—	—	0.067	µg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-15	958.6	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.8	—	—	1	µg/L	Y	—	NQ	2015-2156	CAMO-15-102599	GELC
R-15	958.6	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.53	—	—	1	µg/L	Y	—	NQ	2015-1147	CAMO-15-95799	GELC
R-15	958.6	02/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.63	—	—	1	µg/L	Y	—	NQ	2015-794	CAMO-15-92496	GELC
R-15	958.6	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.38	—	—	1	µg/L	Y	—	NQ	2015-265	CAMO-15-90228	GELC
R-15	958.6	05/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.16	—	—	1	µg/L	Y	—	NQ	2014-3342	CAMO-14-75512	GELC
R-28	934.3	08/12/15	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	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	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	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	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	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	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	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	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	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.7	—	—	0.725	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	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	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.8	—	—	0.725	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74	—	—	0.725	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.4	—	—	0.725	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	0.725	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.017	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0283	—	—	0.017	mg/L	Y	J	U	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0495	—	—	0.017	mg/L	Y	J	J	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0442	—	—	0.017	mg/L	Y	J	U	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0179	—	—	0.017	mg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.41	—	—	1.7	µg/L	Y	J	J	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.27	—	—	1.7	µg/L	Y	J	J	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	75.2	—	—	1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	69.8	—	—	1	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	73	—	—	1	µg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	69.1	—	—	1	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	70.2	—	—	1	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.5	—	—	15	µg/L	Y	J	J	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26	—	—	15	µg/L	Y	J	J	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.7	—	—	15	µg/L	Y	J	J	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.295	—	—	0.067	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.288	—	—	0.067	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.293	—	—	0.067	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.311	—	—	0.067	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.308	—	—	0.067	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	48.4	—	—	0.05	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	46.3	—	—	0.05	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.4	—	—	0.05	mg/L	Y	—	J-	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	48.1	—	—	0.05	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.4	—	—	0.05	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.5	—	—	0.67	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	37.3	—	—	0.67	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	36.4	—	—	0.67	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	39.3	—	—	0.67	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.4	—	—	0.67	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	407	—	—	2	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	393	—	—	2	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	422	—	—	2	µg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	421	—	—	2	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	362	—	—	2	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00457	—	—	0.00167	mg/L	Y	J	J	2015-2151	CAMO-15-102579	GELC
R-28	934.3	05/11/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00357	—	—	0.00167	mg/L	Y	J	J	2015-1184	CAMO-15-95778	GELC
R-28	934.3	02/25/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00488	—	—	0.00167	mg/L	Y	J	J	2015-834	CAMO-15-92481	GELC
R-28	934.3	11/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00476	—	—	0.00167	mg/L	Y	J	J	2015-318	CAMO-15-90212	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	07/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00322	—	—	0.00167	mg/L	Y	J	J	2014-3789	CAMO-14-83997	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.261	—	—	0.033	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.284	—	—	0.033	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.226	—	—	0.033	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	172	—	—	0.453	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	164	—	—	0.453	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	168	—	—	0.453	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	170	—	—	0.453	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	167	—	—	0.453	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.5	—	—	0.11	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.8	—	—	0.11	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.9	—	—	0.11	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12	—	—	0.11	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.8	—	—	0.11	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.874	—	—	0.165	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.934	—	—	0.165	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.854	—	—	0.165	µg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.797	—	—	0.165	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.979	—	—	0.165	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.9	—	—	0.5	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	13.4	—	—	0.5	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12.9	—	—	0.5	µg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	12	—	—	0.5	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20.3	—	—	0.5	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.53	—	—	0.17	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	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	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.21	—	—	0.085	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.3	—	—	0.17	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.94	—	—	0.17	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1	—	—	0.1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.988	—	—	0.05	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.962	—	—	0.05	µg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.04	—	—	0.1	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.945	—	—	0.05	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.86	—	—	0.05	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.9	—	—	0.05	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.7	—	—	0.053	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73	—	—	0.053	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.9	—	—	0.053	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	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	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.1	—	—	0.1	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	401	—	—	3.63	µS/cm	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	396	—	—	3.63	µS/cm	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	419	—	—	3.63	µS/cm	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	409	—	—	3.63	µS/cm	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	412	—	—	1	µS/cm	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	199	—	—	1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	180	—	—	1	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	198	—	—	1	µg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	179	—	—	1	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	55.1	—	—	1.33	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	52.8	—	—	1.33	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	52.3	—	—	1.33	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	56.4	—	—	1.33	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	52.7	—	—	1.33	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.34	—	—	2.5	µg/L	Y	J	J	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	333	—	—	3.4	mg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	271	—	—	3.4	mg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	324	—	—	3.4	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	304	—	—	3.4	mg/L	Y	H	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	509	—	—	3.4	mg/L	N	—	R	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	296	—	—	3.4	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.57	—	—	0.33	mg/L	Y	J	J	2015-2151	CAMO-15-102579	GELC
R-28	934.3	05/11/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.621	—	—	0.33	mg/L	Y	J	J	2015-1184	CAMO-15-95778	GELC
R-28	934.3	02/25/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.933	—	—	0.33	mg/L	Y	J	J	2015-834	CAMO-15-92481	GELC
R-28	934.3	11/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.638	—	—	0.33	mg/L	Y	J	J	2015-318	CAMO-15-90212	GELC
R-28	934.3	07/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.514	—	—	0.33	mg/L	Y	J	J	2014-3789	CAMO-14-83997	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0195	—	—	0.017	mg/L	Y	J	J	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0658	—	—	0.017	mg/L	Y	—	U	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.139	—	—	0.017	mg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.314	—	—	0.017	mg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.08	—	—	0.017	mg/L	Y	—	U	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.74	—	—	0.067	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.64	—	—	0.067	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.55	—	—	0.067	µg/L	Y	—	NQ	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.48	—	—	0.067	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.58	—	—	0.067	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.58	—	—	1	µg/L	Y	—	NQ	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.89	—	—	1	µg/L	Y	J	J	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.17	—	—	1	µg/L	Y	—	NQ	2015-318	CAMO-15-90229	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	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.19	—	—	1	µg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.4	—	—	3.3	µg/L	Y	J	J	2015-2151	CAMO-15-102603	GELC
R-28	934.3	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1184	CAMO-15-95800	GELC
R-28	934.3	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-834	CAMO-15-92497	GELC
R-28	934.3	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.41	—	—	3.3	µg/L	Y	J	J	2015-318	CAMO-15-90229	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	13.9	—	—	3.3	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-33 S1	995.5	08/06/15	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	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	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	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	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	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.725	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.725	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	—	0.725	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	0.725	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	0.725	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	—	0.725	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00853	0.00752	0.0593	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0125	0.0066	0.0473	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0683	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0447	—	—	0.017	mg/L	Y	J	J	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0899	—	—	0.017	mg/L	Y	—	U	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	UJ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0323	—	—	0.017	mg/L	Y	J	J	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.117	—	—	0.017	mg/L	Y	—	U	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.1	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.5	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31	—	—	1	µg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.9	—	—	1	µg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32	—	—	1	µg/L	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.78	1.93	6.2	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.237	1.48	5.55	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	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	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	—	0.067	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.067	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.89	—	—	2	µg/L	Y	J	J	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.8	—	—	2	µg/L	Y	J	J	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.77	—	—	2	µg/L	Y	J	J	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.2	—	—	2	µg/L	Y	J	J	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4	—	—	2	µg/L	Y	J	J	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.06	—	—	2	µg/L	Y	J	J	2014-3714	CAMO-14-81584	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.01	1.36	5.97	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.597	1.37	5.81	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.218	—	—	0.033	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.066	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.216	—	—	0.033	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.229	—	—	0.033	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.174	—	—	0.033	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.37	0.564	2.88	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.01	0.929	2.85	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.556	0.699	2.63	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.07	0.857	2.16	—	pCi/L	Y	—	NQ	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	0.453	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.1	—	—	0.453	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	0.453	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.83	—	—	0.11	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.99	—	—	0.11	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.165	µg/L	Y	—	J	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.13	—	—	0.165	µg/L	Y	—	U	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.165	µg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.165	µg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.996	2.54	9.31	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.86	2.94	11.4	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.745	—	—	0.5	µg/L	Y	J	J	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.754	—	—	0.5	µg/L	Y	J	J	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.57	—	—	0.5	µg/L	Y	J	J	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.921	—	—	0.5	µg/L	Y	J	J	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.4	—	—	0.5	µg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.94	—	—	0.5	µg/L	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.542	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.553	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	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	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.516	—	—	0.017	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.522	—	—	0.017	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.631	—	—	0.017	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.398	—	—	0.05	µg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.404	—	—	0.05	µg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.393	—	—	0.05	µg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.361	—	—	0.05	µg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.393	—	—	0.05	µg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.382	—	—	0.05	µg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	6.67E-10	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00252	0.00563	0.0337	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0057	0.0057	0.0295	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	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	1.67E-09	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00503	0.00796	0.0498	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00698	0.0561	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-43.7	18	59.2	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.3	16.5	71.1	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76	—	—	0.053	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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
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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.754	1.49	5.98	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.379	1.43	5.6	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	3.63	µS/cm	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	3.63	µS/cm	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	3.63	µS/cm	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.8	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.3	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.1	—	—	1	µg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0377	0.13	0.485	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0281	0.13	0.483	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.33	—	—	0.133	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.62	—	—	0.133	mg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.11	—	—	0.133	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.24	—	—	0.133	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	J	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0319	—	—	0.017	mg/L	Y	J	J	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0241	—	—	0.017	mg/L	Y	J	J	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0588	—	—	0.017	mg/L	Y	—	U	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0484	—	—	0.017	mg/L	Y	J	J	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	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	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	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	2014-3714	CAMO-14-81584	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.759	—	—	0.067	µg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.731	—	—	0.067	µg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.826	—	—	0.067	µg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.846	—	—	0.067	µg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.892	—	—	0.067	µg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.833	—	—	0.067	µg/L	Y	—	NQ	2014-3714	CAMO-14-81584	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.543	0.035	0.0448	—	pCi/L	Y	—	NQ	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.553	0.0401	0.0614	—	pCi/L	Y	—	NQ	2014-3714	CAMO-14-81575	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0271	0.0101	0.039	—	pCi/L	Y	U	U	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0106	0.00787	0.0399	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81575	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.274	0.0247	0.0429	—	pCi/L	Y	—	NQ	2015-250	CAMO-15-90213	GELC
R-33 S1	995.5	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.256	0.0279	0.0608	—	pCi/L	Y	—	NQ	2014-3714	CAMO-14-81575	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102604	GELC
R-33 S1	995.5	08/06/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.41	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102559	GELC
R-33 S1	995.5	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.63	—	—	1	µg/L	Y	—	NQ	2015-1190	CAMO-15-95801	GELC
R-33 S1	995.5	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.92	—	—	1	µg/L	Y	—	NQ	2015-838	CAMO-15-92679	GELC
R-33 S1	995.5	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.65	—	—	1	µg/L	Y	—	NQ	2015-250	CAMO-15-90230	GELC
R-33 S1	995.5	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.49	—	—	1	µg/L	Y	J	J	2014-3714	CAMO-14-81584	GELC
R-33 S2	1112.4	08/06/15	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	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	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	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	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	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	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	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	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	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	0.725	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	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	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	0.725	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	0.725	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.2	—	—	0.725	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	0.725	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	1.31E-09	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00241	0.013	0.0545	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00859	0.00758	0.0543	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.032	—	—	0.017	mg/L	Y	J	J	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.122	—	—	0.017	mg/L	Y	—	U	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.058	—	—	0.017	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.377	—	—	0.017	mg/L	Y	—	J	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.3	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.9	—	—	1	µg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.8	—	—	1	µg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.759	1.78	5.26	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.27	1.79	6.32	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	—	0.067	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.52	—	—	2	µg/L	Y	J	J	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.51	—	—	2	µg/L	Y	J	J	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.69	—	—	2	µg/L	Y	J	J	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.58	—	—	2	µg/L	Y	J	J	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.5	—	—	2	µg/L	Y	J	J	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.775	1.54	5.8	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.04	1.6	5.85	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.223	—	—	0.033	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.214	—	—	0.033	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	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	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.156	—	—	0.033	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.02	0.696	2.29	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.41	0.52	2.98	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.66	0.751	2.31	—	pCi/L	Y	—	NQ	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.18	0.712	1.79	—	pCi/L	Y	—	NQ	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.8	—	—	0.453	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.453	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.453	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.6	—	—	0.453	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.32	—	—	0.11	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.29	—	—	0.11	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.7	3.4	11.9	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.23	3.52	11.7	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.356	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.37	—	—	0.017	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.335	—	—	0.017	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.344	—	—	0.017	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.365	—	—	0.017	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00232	0.00401	0.0311	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00473	0.0345	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00927	0.00983	0.0458	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.01	0.01	0.0657	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.37	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	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	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.33	—	—	0.05	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.37	—	—	0.05	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.1	18.6	66.7	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.02	21.6	79.8	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.1	—	—	0.053	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.8	—	—	0.053	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	0.053	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.3	—	—	0.053	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.1	—	—	0.053	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.38	1.53	4.94	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.44	1.91	6.47	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	3.63	µS/cm	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	3.63	µS/cm	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	3.63	µS/cm	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	3.63	µS/cm	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.5	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.4	—	—	1	µg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.1	—	—	1	µg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0537	0.113	0.414	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.162	0.144	0.493	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.3	—	—	0.133	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.52	—	—	0.133	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.12	—	—	0.133	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.35	—	—	0.133	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.32	—	—	0.133	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	08/06/15	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	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0695	—	—	0.017	mg/L	Y	—	U	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0397	—	—	0.017	mg/L	Y	J	J	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.043	—	—	0.017	mg/L	Y	J	J	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.197	—	—	0.017	mg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.815	—	—	0.067	µg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.927	—	—	0.067	µg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.935	—	—	0.067	µg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.901	—	—	0.067	µg/L	Y	—	NQ	2014-3714	CAMO-14-81585	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.657	0.0411	0.05	—	pCi/L	Y	—	NQ	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.666	0.0456	0.0643	—	pCi/L	Y	—	NQ	2014-3714	CAMO-14-81576	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0181	0.0105	0.0436	—	pCi/L	Y	U	U	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0221	0.0104	0.0418	—	pCi/L	Y	U	U	2014-3714	CAMO-14-81576	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	11/06/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.279	0.0272	0.0479	—	pCi/L	Y	—	NQ	2015-250	CAMO-15-90214	GELC
R-33 S2	1112.4	07/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.281	0.0301	0.0637	—	pCi/L	Y	—	NQ	2014-3714	CAMO-14-81576	GELC
R-33 S2	1112.4	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.37	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102605	GELC
R-33 S2	1112.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.51	—	—	1	µg/L	Y	—	NQ	2015-1190	CAMO-15-95802	GELC
R-33 S2	1112.4	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	2015-838	CAMO-15-92680	GELC
R-33 S2	1112.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	2015-250	CAMO-15-90231	GELC
R-33 S2	1112.4	07/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.28	—	—	1	µg/L	Y	—	NQ	2014-3714	CAMO-14-81585	GELC
R-35a	1013.1	08/10/15	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	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	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	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	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	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	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	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.1	—	—	0.725	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	0.725	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	0.725	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.725	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.083	—	—	0.017	mg/L	Y	—	J+	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0367	—	—	0.017	mg/L	Y	J	U	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0802	—	—	0.017	mg/L	Y	—	U	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0992	—	—	0.017	mg/L	Y	—	U	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.92	—	—	1.7	µg/L	Y	J	J	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.15	—	—	1.7	µg/L	Y	J	J	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.91	—	—	1.7	µg/L	Y	J	J	2015-833	CASA-15-92519	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	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.13	—	—	1.7	µg/L	Y	J	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	361	—	—	1	µg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	354	—	—	1	µg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	347	—	—	1	µg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	357	—	—	1	µg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	346	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	44	—	—	15	µg/L	Y	J	J	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	40.7	—	—	15	µg/L	Y	J	J	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	34.1	—	—	15	µg/L	Y	J	J	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	37	—	—	15	µg/L	Y	J	J	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	47.8	—	—	15	µg/L	Y	J	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.9	—	—	0.05	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.3	—	—	2	µg/L	Y	J	J	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.52	—	—	2	µg/L	Y	J	J	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.61	—	—	2	µg/L	Y	J	J	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.92	—	—	2	µg/L	Y	J	J	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.09	—	—	2	µg/L	Y	J	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.5	—	—	0.453	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.2	—	—	0.453	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.2	—	—	0.453	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.1	—	—	0.453	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.9	—	—	0.453	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	35.8	—	—	30	µg/L	Y	J	J	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.3	—	—	30	µg/L	Y	J	J	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	35.4	—	—	30	µg/L	Y	J	J	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.17	—	—	0.11	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.96	—	—	0.11	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.93	—	—	0.11	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.87	—	—	0.11	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.165	µg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.165	µg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.985	—	—	0.165	µg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.165	µg/L	Y	—	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.85	—	—	0.5	µg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.7	—	—	0.5	µg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.27	—	—	0.5	µg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.04	—	—	0.5	µg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.78	—	—	0.5	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	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	2015-2125	CASA-15-102650	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	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.468	—	—	0.017	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.457	—	—	0.017	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.456	—	—	0.017	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.7	—	—	0.085	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	—	0.05	µg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.404	—	—	0.05	µg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.412	—	—	0.05	µg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.08	—	—	0.05	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.96	—	—	0.05	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.01	—	—	0.05	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.05	—	—	0.05	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.81	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.1	—	—	0.053	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.2	—	—	0.053	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.4	—	—	0.053	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.3	—	—	0.053	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.053	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.7	—	—	0.1	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	3.63	µS/cm	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	3.63	µS/cm	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	—	3.63	µS/cm	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	3.63	µS/cm	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	1	µS/cm	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	174	—	—	1	µg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	158	—	—	1	µg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	199	—	—	1	µg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	163	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	3.4	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.359	—	—	0.33	mg/L	Y	J	J	2015-2125	CASA-15-102636	GELC
R-35a	1013.1	05/06/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.446	—	—	0.33	mg/L	Y	J	J	2015-1168	CASA-15-95819	GELC
R-35a	1013.1	02/25/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.598	—	—	0.33	mg/L	Y	J	J	2015-833	CASA-15-92512	GELC
R-35a	1013.1	11/10/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.466	—	—	0.33	mg/L	Y	J	J-	2015-264	CASA-15-90250	GELC
R-35a	1013.1	07/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.563	—	—	0.33	mg/L	Y	J	J	2014-3938	CASA-14-81517	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.571	—	—	0.067	µg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.621	—	—	0.067	µg/L	Y	—	J	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.641	—	—	0.067	µg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.635	—	—	0.067	µg/L	Y	—	NQ	2015-264	CASA-15-90258	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	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.632	—	—	0.067	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.6	—	—	1	µg/L	Y	—	NQ	2015-2125	CASA-15-102650	GELC
R-35a	1013.1	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.5	—	—	1	µg/L	Y	—	NQ	2015-1168	CASA-15-95828	GELC
R-35a	1013.1	02/25/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.6	—	—	1	µg/L	Y	—	NQ	2015-833	CASA-15-92519	GELC
R-35a	1013.1	11/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.3	—	—	1	µg/L	Y	—	NQ	2015-264	CASA-15-90258	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35b	825.4	08/04/15	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	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	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	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	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	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	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	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.7	—	—	0.725	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.3	—	—	0.725	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.5	—	—	0.725	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.5	—	—	0.725	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.7	—	—	0.725	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0563	—	—	0.017	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0482	—	—	0.017	mg/L	Y	J	J	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.121	—	—	0.017	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0223	—	—	0.017	mg/L	Y	J	J	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0224	—	—	0.017	mg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.3	—	—	1	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.8	—	—	1	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25	—	—	15	µg/L	Y	J	J	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26	—	—	15	µg/L	Y	J	J	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.2	—	—	15	µg/L	Y	J	J	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.9	—	—	15	µg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16	—	—	0.05	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.82	—	—	0.067	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.88	—	—	0.067	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.9	—	—	0.067	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	—	0.067	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.85	—	—	0.067	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.98	—	—	2	µg/L	Y	J	J	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.76	—	—	2	µg/L	Y	J	J	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.05	—	—	2	µg/L	Y	J	J	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.71	—	—	2	µg/L	Y	J	J	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.75	—	—	2	µg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.45	—	—	0.033	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.454	—	—	0.033	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	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	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.439	—	—	0.033	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.506	—	—	0.033	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.5	—	—	0.453	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.7	—	—	0.453	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.9	—	—	0.453	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.7	—	—	0.453	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.03	—	—	0.11	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5	—	—	0.11	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.29	—	—	0.11	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.05	—	—	0.11	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.71	—	—	0.11	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.165	µg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.165	µg/L	Y	—	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.6	—	—	0.5	µg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.18	—	—	0.5	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.56	—	—	0.5	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.54	—	—	0.5	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.11	—	—	0.5	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	—	0.017	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.24	—	—	0.017	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	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	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	—	0.017	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	—	—	0.017	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.579	—	—	0.05	µg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.572	—	—	0.05	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.539	—	—	0.05	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.586	—	—	0.05	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.565	—	—	0.05	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.97	—	—	0.05	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.19	—	—	0.05	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	J-	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75	—	—	0.053	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.1	—	—	0.053	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	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	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	3.63	µS/cm	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	3.63	µS/cm	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	3.63	µS/cm	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150	—	—	3.63	µS/cm	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.7	—	—	1	µg/L	Y	E	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.5	—	—	1	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.1	—	—	1	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.3	—	—	1	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.4	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.133	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	0.133	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.8	—	—	0.133	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	H	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	N	—	R	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.312	—	—	0.067	µg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.279	—	—	0.067	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.296	—	—	0.067	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.314	—	—	0.067	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.3	—	—	1	µg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.3	—	—	1	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	08/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	16.6	—	—	3.3	µg/L	Y	—	NQ	2015-2021	CASA-15-102651	GELC
R-35b	825.4	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	13.8	—	—	3.3	µg/L	Y	—	NQ	2015-1159	CASA-15-95829	GELC
R-35b	825.4	02/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	17.6	—	—	3.3	µg/L	Y	—	NQ	2015-807	CASA-15-92520	GELC
R-35b	825.4	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	17.8	—	—	3.3	µg/L	Y	—	NQ	2015-251	CASA-15-90259	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	15.5	—	—	3.3	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-36	766.9	08/07/15	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	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.4	—	—	0.01	SU	Y	H	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	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	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	0.01	SU	Y	H	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.2	—	—	0.725	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.1	—	—	0.725	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69	—	—	0.725	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.3	—	—	0.725	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	0.725	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0525	—	—	0.017	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0527	—	—	0.017	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	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	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.178	—	—	0.017	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0306	—	—	0.017	mg/L	Y	J	J	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.2	—	—	1	µg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.5	—	—	1	µg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.5	—	—	1	µg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.8	—	—	1	µg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.2	—	—	15	µg/L	Y	J	J	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.8	—	—	15	µg/L	Y	J	J	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.2	—	—	15	µg/L	Y	J	J	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.4	—	—	15	µg/L	Y	J	J	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.7	—	—	15	µg/L	Y	J	J	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.103	—	—	0.067	mg/L	Y	J	J	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0757	—	—	0.067	mg/L	Y	J	J	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0984	—	—	0.067	mg/L	Y	J	J	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0937	—	—	0.067	mg/L	Y	J	J	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0899	—	—	0.067	mg/L	Y	J	J	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.22	—	—	0.067	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.1	—	—	0.067	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.04	—	—	0.067	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.46	—	—	0.067	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.27	—	—	0.067	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.29	—	—	2	µg/L	Y	J	J	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.94	—	—	2	µg/L	Y	J	J	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.79	—	—	2	µg/L	Y	J	J	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.73	—	—	2	µg/L	Y	J	J	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.4	—	—	2	µg/L	Y	J	J	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.54	—	—	0.033	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.488	—	—	0.033	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.527	—	—	0.033	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.532	—	—	0.033	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.742	—	—	0.033	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.6	—	—	0.453	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.453	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.3	—	—	0.453	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	—	0.453	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.38	—	—	0.11	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.2	—	—	0.11	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.17	—	—	0.11	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.24	—	—	0.11	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	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	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.12	—	—	2	µg/L	Y	J	J	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.74	—	—	2	µg/L	Y	J	J	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.45	—	—	2	µg/L	Y	J	J	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.71	—	—	0.165	µg/L	Y	—	J	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.62	—	—	0.165	µg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.85	—	—	0.165	µg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.165	µg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.95	—	—	0.165	µg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.923	—	—	0.5	µg/L	Y	J	J	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.02	—	—	0.5	µg/L	Y	J	J	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.14	—	—	0.5	µg/L	Y	J	J	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.4	—	—	0.5	µg/L	Y	J	J	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.7	—	—	0.5	µg/L	Y	J	J	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	—	—	0.085	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.8	—	—	0.425	mg/L	Y	H	J-	2015-1159	CASA-15-95830	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.8	—	—	0.085	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	—	—	0.085	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.4	—	—	0.085	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.78	—	—	0.17	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.52	—	—	0.1	µg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.48	—	—	0.1	µg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.43	—	—	0.2	µg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.42	—	—	0.1	µg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.97	—	—	0.05	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2	—	—	0.05	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	3.63	µS/cm	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	3.63	µS/cm	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	3.63	µS/cm	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	3.63	µS/cm	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.1	—	—	1	µg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.1	—	—	1	µg/L	Y	—	NQ	2015-1159	CASA-15-95830	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	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60.2	—	—	1	µg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.9	—	—	1	µg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.4	—	—	1	µg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.35	—	—	0.133	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	—	0.133	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.88	—	—	0.133	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.37	—	—	0.133	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.28	—	—	0.133	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.54	—	—	2.5	µg/L	Y	J	J	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.23	—	—	0.067	µg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.279	—	—	0.067	µg/L	Y	—	U	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.31	—	—	0.067	µg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.3	—	—	1	µg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.2	—	—	1	µg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.5	—	—	1	µg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
R-36	766.9	08/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	36.5	—	—	3.3	µg/L	Y	—	NQ	2015-2090	CASA-15-102652	GELC
R-36	766.9	05/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	38	—	—	3.3	µg/L	Y	—	NQ	2015-1159	CASA-15-95830	GELC
R-36	766.9	02/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	45.2	—	—	3.3	µg/L	Y	—	NQ	2015-792	CASA-15-92521	GELC
R-36	766.9	11/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	48.1	—	—	3.3	µg/L	Y	—	NQ	2015-251	CASA-15-90260	GELC
R-36	766.9	05/06/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	46.9	—	—	3.3	µg/L	Y	—	NQ	2014-3354	CASA-14-75535	GELC
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	05/08/15	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	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	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	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	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	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	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	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.5	—	—	0.725	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69	—	—	0.725	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.6	—	—	0.725	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	0.725	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.131	—	—	0.017	mg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0547	—	—	0.017	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0247	—	—	0.017	mg/L	Y	J	U	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0501	—	—	0.017	mg/L	Y	—	U	2014-3700	CAMO-14-84009	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	INORGANIC	SW-846:6020	Arsenic	As	Y	2.28	—	—	1.7	µg/L	Y	J	J	2015-2151	CAMO-15-102607	GELC
R-42	931.8	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.03	—	—	1.7	µg/L	Y	J	J	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	96.3	—	—	1	µg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	94.1	—	—	1	µg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	96.7	—	—	1	µg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	94.9	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.2	—	—	15	µg/L	Y	J	J	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.8	—	—	15	µg/L	Y	J	J	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.248	—	—	0.067	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.259	—	—	0.067	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.285	—	—	0.067	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.364	—	—	0.067	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	54.3	—	—	0.05	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	50.1	—	—	0.05	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	54.6	—	—	0.05	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	51.1	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	45.2	—	—	0.67	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	44.7	—	—	0.67	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	48.3	—	—	0.67	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	47.5	—	—	0.67	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	853	—	—	2	µg/L	Y	—	J+	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	915	—	—	2	µg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	908	—	—	2	µg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	972	—	—	2	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	11.5	—	—	3	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-3700	CAMO-14-84009	GELC
R-42	931.8	08/12/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	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	05/08/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00747	—	—	0.00167	mg/L	Y	—	NQ	2015-1179	CAMO-15-95782	GELC
R-42	931.8	02/26/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00746	—	—	0.00167	mg/L	Y	—	NQ	2015-837	CAMO-15-92484	GELC
R-42	931.8	11/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0076	—	—	0.00167	mg/L	Y	—	NQ	2015-326	CAMO-15-90215	GELC
R-42	931.8	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00657	—	—	0.00167	mg/L	Y	—	NQ	2014-3700	CAMO-14-83998	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.224	—	—	0.033	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.242	—	—	0.033	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	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	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	198	—	—	0.453	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	184	—	—	0.453	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	198	—	—	0.453	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	186	—	—	0.453	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.2	—	—	0.11	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	14.3	—	—	0.11	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15	—	—	0.11	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	14.2	—	—	0.11	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.545	—	—	0.165	µg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.476	—	—	0.165	µg/L	Y	J	J	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.574	—	—	0.165	µg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.561	—	—	0.165	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	27.8	—	—	0.5	µg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	34	—	—	0.5	µg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	26.7	—	—	0.5	µg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	28	—	—	0.5	µg/L	Y	—	J	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.54	—	—	0.17	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.95	—	—	0.085	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.45	—	—	0.17	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.67	—	—	0.17	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.17	—	—	0.1	µg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.09	—	—	0.1	µg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.3	—	—	0.1	µg/L	Y	—	J	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.08	—	—	0.1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.49	—	—	0.05	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.24	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.53	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.3	—	—	0.1	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.3	—	—	0.1	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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

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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	3.63	µS/cm	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	481	—	—	3.63	µS/cm	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	497	—	—	3.63	µS/cm	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	500	—	—	1	µS/cm	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	196	—	—	1	µg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	220	—	—	1	µg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	211	—	—	1	µg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	198	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	78.6	—	—	1.33	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	77.4	—	—	1.33	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	83.2	—	—	1.33	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	81.1	—	—	1.33	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	4.65	—	—	2.5	µg/L	Y	J	J	2015-2151	CAMO-15-102607	GELC
R-42	931.8	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	363	—	—	3.4	mg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	394	—	—	3.4	mg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	317	—	—	3.4	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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	05/08/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-1179	CAMO-15-95782	GELC
R-42	931.8	02/26/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.071	—	—	0.033	mg/L	Y	J	J	2015-837	CAMO-15-92484	GELC
R-42	931.8	11/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.492	—	—	0.033	mg/L	Y	—	NQ	2015-326	CAMO-15-90215	GELC
R-42	931.8	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.164	—	—	0.033	mg/L	Y	—	U	2014-3700	CAMO-14-83998	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
R-42	931.8	05/08/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.82	—	—	0.33	mg/L	Y	J	J	2015-1179	CAMO-15-95782	GELC
R-42	931.8	02/26/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.07	—	—	0.33	mg/L	Y	—	NQ	2015-837	CAMO-15-92484	GELC
R-42	931.8	11/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.831	—	—	0.33	mg/L	Y	J	J	2015-326	CAMO-15-90215	GELC
R-42	931.8	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.631	—	—	0.33	mg/L	Y	J	J	2014-3700	CAMO-14-83998	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	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0395	—	—	0.017	mg/L	Y	J	U	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0191	—	—	0.017	mg/L	Y	J	J	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0309	—	—	0.017	mg/L	Y	J	U	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0356	—	—	0.017	mg/L	Y	J	U	2014-3700	CAMO-14-84009	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	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.92	—	—	0.067	µg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.952	—	—	0.067	µg/L	Y	—	NQ	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.971	—	—	0.067	µg/L	Y	—	NQ	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.1	—	—	0.067	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	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-42	931.8	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.1	—	—	1	µg/L	Y	—	NQ	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.5	—	—	1	µg/L	Y	J	J	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.11	—	—	1	µg/L	Y	J	J	2015-326	CAMO-15-90232	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	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.78	—	—	1	µg/L	Y	J	J	2014-3700	CAMO-14-84009	GELC
R-42	931.8	08/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	14.3	—	—	3.3	µg/L	Y	—	NQ	2015-2151	CAMO-15-102607	GELC
R-42	931.8	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.89	—	—	3.3	µg/L	Y	J	J	2015-1179	CAMO-15-95804	GELC
R-42	931.8	02/26/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.88	—	—	3.3	µg/L	Y	J	J	2015-837	CAMO-15-92500	GELC
R-42	931.8	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.13	—	—	3.3	µg/L	Y	J	J	2015-326	CAMO-15-90232	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-3700	CAMO-14-84009	GELC
R-43 S1	903.9	08/19/15	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	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	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	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	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	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	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	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	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	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42	—	—	0.725	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.9	—	—	0.725	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.5	—	—	0.725	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.2	—	—	0.725	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.1	—	—	0.725	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.6	—	—	0.725	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.91	—	—	1.7	µg/L	Y	J	J	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.7	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.5	—	—	15	µg/L	Y	J	J	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0974	—	—	0.067	mg/L	Y	J	J	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0963	—	—	0.067	mg/L	Y	J	J	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.108	—	—	0.067	mg/L	Y	J	J	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.103	—	—	0.067	mg/L	Y	J	J	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	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	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.59	—	—	0.067	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.53	—	—	0.067	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.8	—	—	0.067	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.83	—	—	0.067	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.84	—	—	0.067	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.92	—	—	0.067	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	146	—	—	2	µg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	127	—	—	2	µg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	126	—	—	2	µg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	106	—	—	2	µg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	78.8	—	—	2	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	75.2	—	—	2	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.344	—	—	0.033	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.353	—	—	0.033	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.294	—	—	0.033	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.307	—	—	0.033	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66	—	—	0.453	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.6	—	—	0.453	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	0.453	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.2	—	—	0.453	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.36	—	—	0.11	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	0.11	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.165	µg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.165	µg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.41	—	—	0.5	µg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.651	—	—	0.5	µg/L	Y	J	J	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.81	—	—	0.5	µg/L	Y	J	J	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.05	—	—	0.5	µg/L	Y	J	J	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.664	—	—	0.5	µg/L	Y	J	J	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.655	—	—	0.5	µg/L	Y	J	J	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.4	—	—	0.085	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.42	—	—	0.17	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.98	—	—	0.17	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.33	—	—	0.17	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.18	—	—	0.17	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.01	—	—	0.17	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	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	08/19/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.877	—	—	0.05	µg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.966	—	—	0.05	µg/L	Y	—	J	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1	—	—	0.1	µg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.951	—	—	0.05	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.954	—	—	0.05	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.91	—	—	0.1	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	3.63	µS/cm	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	3.63	µS/cm	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	3.63	µS/cm	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	µS/cm	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.1	—	—	1	µg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.4	—	—	1	µg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.5	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	68.8	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.7	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.9	—	—	0.133	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.2	—	—	0.133	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15	—	—	0.133	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15	—	—	0.133	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13	—	—	0.133	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.3	—	—	0.133	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	211	—	—	3.4	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	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	08/19/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.551	—	—	0.33	mg/L	Y	J	J	2015-2207	CASA-15-102639	GELC
R-43 S1	903.9	05/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.852	—	—	0.33	mg/L	Y	J	J	2015-1215	CASA-15-95822	GELC
R-43 S1	903.9	03/02/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.666	—	—	0.33	mg/L	Y	J	J	2015-847	CASA-15-92515	GELC
R-43 S1	903.9	11/21/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.33	mg/L	Y	J	J	2015-415	CASA-15-90253	GELC
R-43 S1	903.9	07/15/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.388	—	—	0.33	mg/L	Y	J	J	2014-3832	CASA-14-81519	GELC
R-43 S1	903.9	07/15/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.418	—	—	0.33	mg/L	Y	J	J	2014-3832	CASA-14-81514	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.335	—	—	0.017	mg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0196	—	—	0.017	mg/L	Y	J	J	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	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	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	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	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0295	—	—	0.017	mg/L	Y	J	U	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.032	—	—	0.017	mg/L	Y	J	U	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.133	—	—	0.067	µg/L	Y	J	J	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.096	—	—	0.067	µg/L	Y	J	J	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.103	—	—	0.067	µg/L	Y	J	J	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.12	—	—	0.067	µg/L	Y	J	J	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.122	—	—	0.067	µg/L	Y	J	J	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.118	—	—	0.067	µg/L	Y	J	J	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	08/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.3	—	—	1	µg/L	Y	—	NQ	2015-2207	CASA-15-102653	GELC
R-43 S1	903.9	05/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.45	—	—	1	µg/L	Y	—	NQ	2015-1215	CASA-15-95831	GELC
R-43 S1	903.9	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.73	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92522	GELC
R-43 S1	903.9	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.77	—	—	1	µg/L	Y	—	NQ	2015-415	CASA-15-90261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.09	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.68	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.43	—	—	0.01	SU	Y	H	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	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	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.56	—	—	0.01	SU	Y	H	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.61	—	—	0.01	SU	Y	H	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	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	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.15	—	—	0.725	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.29	—	—	0.725	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6	—	—	0.725	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6	—	—	0.725	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.13	—	—	0.725	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.13	—	—	0.725	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.3	—	—	0.725	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.1	—	—	0.725	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	0.725	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	0.725	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.9	—	—	0.725	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.5	—	—	0.725	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	—	0.017	mg/L	Y	—	J	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0763	—	—	0.017	mg/L	Y	—	U	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0401	—	—	0.017	mg/L	Y	J	U	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0456	—	—	0.017	mg/L	Y	J	J	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0233	—	—	0.017	mg/L	Y	J	J	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0498	—	—	0.017	mg/L	Y	J	U	2014-3328	CASA-14-75537	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	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.77	—	—	1.7	µg/L	Y	J	J	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.86	—	—	1.7	µg/L	Y	J	J	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.7	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.9	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.4	—	—	1	µg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	38.3	—	—	15	µg/L	Y	J	J	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.7	—	—	15	µg/L	Y	J	J	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.1	—	—	15	µg/L	Y	J	J	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	31.6	—	—	15	µg/L	Y	J	J	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32.3	—	—	15	µg/L	Y	J	J	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.66	—	—	0.067	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.28	—	—	0.067	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.91	—	—	0.067	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.95	—	—	0.067	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.61	—	—	0.067	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.69	—	—	0.067	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.066	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	—	0.033	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.314	—	—	0.033	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.317	—	—	0.033	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.8	—	—	0.453	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	—	0.453	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.2	—	—	0.453	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.3	—	—	0.453	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.52	—	—	0.11	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.58	—	—	0.11	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.64	—	—	0.11	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.7	—	—	0.11	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.48	—	—	0.11	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.37	—	—	0.11	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	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	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.165	µg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.165	µg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.165	µg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.627	—	—	0.5	µg/L	Y	J	J	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.754	—	—	0.5	µg/L	Y	J	J	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.741	—	—	0.5	µg/L	Y	J	J	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.528	—	—	0.5	µg/L	Y	J	J	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.565	—	—	0.5	µg/L	Y	J	J	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.28	—	—	0.085	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.12	—	—	0.17	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.03	—	—	0.085	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.29	—	—	0.085	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	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	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	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	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.751	—	—	0.05	µg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.826	—	—	0.05	µg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.787	—	—	0.05	µg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.742	—	—	0.05	µg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.616	—	—	0.05	µg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.645	—	—	0.05	µg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.6	—	—	0.1	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.1	—	—	0.1	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	3.63	µS/cm	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	3.63	µS/cm	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	3.63	µS/cm	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	3.63	µS/cm	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	2014-3328	CASA-14-75537	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	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.8	—	—	1	µg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	99.2	—	—	1	µg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.4	—	—	1	µg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.87	—	—	0.133	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	—	—	0.133	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.71	—	—	0.133	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.72	—	—	0.133	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.65	—	—	0.133	mg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	95.7	—	—	3.4	mg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	80	—	—	3.4	mg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	J	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.21	—	—	0.33	mg/L	Y	—	NQ	2015-2191	CASA-15-102640	GELC
R-43 S2	969.1	05/19/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.76	—	—	0.33	mg/L	Y	—	J-	2015-1227	CASA-15-95823	GELC
R-43 S2	969.1	03/02/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.628	—	—	0.33	mg/L	Y	J	J	2015-847	CASA-15-92516	GELC
R-43 S2	969.1	03/02/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.61	—	—	0.33	mg/L	Y	J	J	2015-847	CASA-15-92509	GELC
R-43 S2	969.1	11/21/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.534	—	—	0.33	mg/L	Y	J	J	2015-415	CASA-15-90254	GELC
R-43 S2	969.1	04/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.517	—	—	0.33	mg/L	Y	J	J	2014-3328	CASA-14-75529	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.837	—	—	0.067	µg/L	Y	—	J	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.57	—	—	0.067	µg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.616	—	—	0.067	µg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.607	—	—	0.067	µg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.874	—	—	0.067	µg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.89	—	—	0.067	µg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-43 S2	969.1	08/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.39	—	—	1	µg/L	Y	—	NQ	2015-2191	CASA-15-102654	GELC
R-43 S2	969.1	05/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.95	—	—	1	µg/L	Y	—	NQ	2015-1227	CASA-15-95832	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.88	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92523	GELC
R-43 S2	969.1	03/02/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.89	—	—	1	µg/L	Y	—	NQ	2015-847	CASA-15-92510	GELC
R-43 S2	969.1	11/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.13	—	—	1	µg/L	Y	—	NQ	2015-415	CASA-15-90262	GELC
R-43 S2	969.1	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.23	—	—	1	µg/L	Y	—	NQ	2014-3328	CASA-14-75537	GELC
R-44 S1	895	08/06/15	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	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	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	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	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	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	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	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	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	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.3	—	—	0.725	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55	—	—	0.725	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.725	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.9	—	—	0.725	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	0.725	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.103	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0381	—	—	0.017	mg/L	Y	J	U	2015-1167	CAMO-15-95805	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	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.152	—	—	0.017	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0838	—	—	0.017	mg/L	Y	—	U	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.3	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.43	—	—	0.067	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.53	—	—	0.067	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	15.6	—	—	2	µg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.9	—	—	2	µg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17	—	—	2	µg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	15.6	—	—	2	µg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.7	—	—	2	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.295	—	—	0.033	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	—	0.033	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.4	—	—	0.453	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.53	—	—	0.11	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.57	—	—	0.11	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.55	—	—	0.11	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.53	—	—	0.11	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.62	—	—	0.11	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	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	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.017	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	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	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	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	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	—	0.05	µg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	—	0.05	µg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.409	—	—	0.05	µg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	—	0.05	µg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	—	0.05	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	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	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.61	—	—	0.1	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.68	—	—	0.1	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.89	—	—	0.1	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.41	—	—	0.1	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.47	—	—	0.1	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	3.63	µS/cm	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	3.63	µS/cm	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	3.63	µS/cm	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	3.63	µS/cm	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.1	—	—	1	µg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.9	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.133	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.133	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.41	—	—	0.133	mg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.52	—	—	0.133	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	82.9	—	—	3.4	mg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	J	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0913	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0589	—	—	0.017	mg/L	Y	—	U	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0294	—	—	0.017	mg/L	Y	J	U	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0463	—	—	0.017	mg/L	Y	J	J	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	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	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.375	—	—	0.067	µg/L	Y	—	NQ	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.429	—	—	0.067	µg/L	Y	—	J	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	2015-797	CAMO-15-92501	GELC
R-44 S1	895	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.451	—	—	0.067	µg/L	Y	—	J	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.46	—	—	0.067	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	2015-2084	CAMO-15-102608	GELC
R-44 S1	895	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	2015-1167	CAMO-15-95805	GELC
R-44 S1	895	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	2015-797	CAMO-15-92501	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	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.05	—	—	1	µg/L	Y	—	NQ	2015-238	CAMO-15-90233	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.32	—	—	1	µg/L	Y	J	J	2014-3747	CAMO-14-84010	GELC
R-44 S2	985.3	08/06/15	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	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	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	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	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	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	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	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	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	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.2	—	—	0.725	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	0.725	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.5	—	—	0.725	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.1	—	—	0.725	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.7	—	—	0.725	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0267	—	—	0.017	mg/L	Y	J	J	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0388	—	—	0.017	mg/L	Y	J	U	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0286	—	—	0.017	mg/L	Y	J	J	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0207	—	—	0.017	mg/L	Y	J	U	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0366	—	—	0.017	mg/L	Y	J	U	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.067	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.067	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.72	—	—	2	µg/L	Y	J	J	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.14	—	—	2	µg/L	Y	J	J	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.76	—	—	2	µg/L	Y	J	J	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.89	—	—	2	µg/L	Y	J	J	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6	—	—	2	µg/L	Y	J	J	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.316	—	—	0.033	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.34	—	—	0.033	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.35	—	—	0.033	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.033	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50	—	—	0.453	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.6	—	—	0.453	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.2	—	—	0.453	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49	—	—	0.453	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48	—	—	0.453	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	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	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.769	—	—	0.017	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.915	—	—	0.017	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.714	—	—	0.017	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.697	—	—	0.017	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.654	—	—	0.017	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.356	—	—	0.05	µg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.351	—	—	0.05	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.52	—	—	0.1	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.68	—	—	0.1	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	3.63	µS/cm	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	3.63	µS/cm	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	3.63	µS/cm	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.6	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	—	0.133	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.67	—	—	0.133	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	—	0.133	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.94	—	—	0.133	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.85	—	—	0.133	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	257	—	—	3.4	mg/L	Y	—	NQ	2015-238	CAMO-15-90234	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	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.45	—	—	0.067	µg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.474	—	—	0.067	µg/L	Y	—	J	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.497	—	—	0.067	µg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.505	—	—	0.067	µg/L	Y	—	J	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.518	—	—	0.067	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	08/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.76	—	—	1	µg/L	Y	—	NQ	2015-2084	CAMO-15-102609	GELC
R-44 S2	985.3	05/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.93	—	—	1	µg/L	Y	—	NQ	2015-1167	CAMO-15-95806	GELC
R-44 S2	985.3	02/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.73	—	—	1	µg/L	Y	—	NQ	2015-797	CAMO-15-92502	GELC
R-44 S2	985.3	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.13	—	—	1	µg/L	Y	—	NQ	2015-238	CAMO-15-90234	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.06	—	—	1	µg/L	Y	J	J	2014-3747	CAMO-14-84011	GELC
R-45 S1	880	08/05/15	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	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	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	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	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	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	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	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	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	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.7	—	—	0.725	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	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	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	—	0.725	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	0.725	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	0.725	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.9	—	—	1.7	µg/L	Y	J	J	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.74	—	—	1.7	µg/L	Y	J	J	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.13	—	—	1.7	µg/L	Y	J	J	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.9	—	—	1	µg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.1	—	—	1	µg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.3	—	—	15	µg/L	Y	J	J	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.3	—	—	15	µg/L	Y	J	J	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.5	—	—	15	µg/L	Y	J	J	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.77	—	—	0.067	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.79	—	—	0.067	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.69	—	—	0.067	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.86	—	—	0.067	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.62	—	—	0.067	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	35.7	—	—	2	µg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	35	—	—	2	µg/L	Y	—	NQ	2015-1148	CAMO-15-95807	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	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	27.3	—	—	2	µg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	33.6	—	—	2	µg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	29.3	—	—	2	µg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.033	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.324	—	—	0.033	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.6	—	—	0.453	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.7	—	—	0.453	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.4	—	—	0.453	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.6	—	—	0.453	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.4	—	—	0.453	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.26	—	—	0.11	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.76	—	—	0.11	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.04	—	—	0.11	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.12	—	—	0.11	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.789	—	—	0.165	µg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.767	—	—	0.165	µg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.663	—	—	0.165	µg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.902	—	—	0.165	µg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.825	—	—	0.165	µg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.75	—	—	0.085	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	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	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.47	—	—	0.085	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	—	—	0.085	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.88	—	—	0.085	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.597	—	—	0.05	µg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.584	—	—	0.05	µg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.577	—	—	0.05	µg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.62	—	—	0.05	µg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.552	—	—	0.05	µg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	E	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	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	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	3.63	µS/cm	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	166	—	—	3.63	µS/cm	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	3.63	µS/cm	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	167	—	—	3.63	µS/cm	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.1	—	—	1	µg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.8	—	—	1	µg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.9	—	—	1	µg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	80.8	—	—	1	µg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	79.3	—	—	1	µg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.37	—	—	0.133	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.51	—	—	0.133	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.3	—	—	0.133	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.6	—	—	0.133	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.07	—	—	0.133	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.562	—	—	0.33	mg/L	Y	J	J	2015-2043	CAMO-15-102586	GELC
R-45 S1	880	05/04/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.537	—	—	0.33	mg/L	Y	J	J	2015-1148	CAMO-15-95785	GELC
R-45 S1	880	02/18/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.493	—	—	0.33	mg/L	Y	J	J	2015-801	CAMO-15-92487	GELC
R-45 S1	880	11/05/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.484	—	—	0.33	mg/L	Y	J	J	2015-239	CAMO-15-90218	GELC
R-45 S1	880	05/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.798	—	—	0.33	mg/L	Y	J	J	2014-3362	CAMO-14-75502	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0286	—	—	0.017	mg/L	Y	J	J	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	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	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0563	—	—	0.017	mg/L	Y	—	U	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	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	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0273	—	—	0.017	mg/L	Y	J	J	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.758	—	—	0.067	µg/L	Y	—	NQ	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.733	—	—	0.067	µg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.661	—	—	0.067	µg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.796	—	—	0.067	µg/L	Y	—	J	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.835	—	—	0.067	µg/L	Y	—	NQ	2014-3362	CAMO-14-75517	GELC
R-45 S1	880	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	2015-2043	CAMO-15-102610	GELC
R-45 S1	880	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.01	—	—	1	µg/L	Y	—	NQ	2015-1148	CAMO-15-95807	GELC
R-45 S1	880	02/18/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.2	—	—	1	µg/L	Y	—	NQ	2015-801	CAMO-15-92503	GELC
R-45 S1	880	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.29	—	—	1	µg/L	Y	—	NQ	2015-239	CAMO-15-90235	GELC
R-45 S1	880	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.98	—	—	1	µg/L	Y	J	J	2014-3362	CAMO-14-75517	GELC
R-45 S2	974.9	08/05/15	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	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	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	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	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	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	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	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	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	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.7	—	—	0.725	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.3	—	—	0.725	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73	—	—	0.725	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	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	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	0.725	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.4	—	—	0.725	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0244	—	—	0.017	mg/L	Y	J	J	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.259	—	—	0.017	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0307	—	—	0.017	mg/L	Y	J	J	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.054	—	—	0.017	mg/L	Y	—	U	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0303	—	—	0.017	mg/L	Y	J	J	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.23	—	—	1.7	µg/L	Y	J	J	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.14	—	—	1.7	µg/L	Y	J	J	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.1	—	—	1	µg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.7	—	—	1	µg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28	—	—	1	µg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	35.7	—	—	15	µg/L	Y	J	J	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.1	—	—	15	µg/L	Y	J	J	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.72	—	—	0.067	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.8	—	—	0.067	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.77	—	—	0.067	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4	—	—	0.067	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.77	—	—	0.067	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.4	—	—	2	µg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.2	—	—	2	µg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.2	—	—	2	µg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.6	—	—	2	µg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	15.7	—	—	2	µg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.34	—	—	0.033	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.351	—	—	0.033	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	—	0.033	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.403	—	—	0.033	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.5	—	—	0.453	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.7	—	—	0.453	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	—	0.453	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.453	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.2	—	—	0.11	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	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	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.74	—	—	0.11	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.16	—	—	0.11	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.75	—	—	0.11	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.866	—	—	0.165	µg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.894	—	—	0.165	µg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.923	—	—	0.165	µg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.964	—	—	0.165	µg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.512	—	—	0.5	µg/L	Y	J	J	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.74	—	—	0.5	µg/L	Y	J	J	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.858	—	—	0.5	µg/L	Y	J	J	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.747	—	—	0.5	µg/L	Y	J	J	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.829	—	—	0.5	µg/L	Y	J	J	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.672	—	—	0.017	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.86	—	—	0.017	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.783	—	—	0.017	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	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	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.837	—	—	0.017	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.392	—	—	0.05	µg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	—	0.05	µg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.375	—	—	0.05	µg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73	—	—	0.053	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.3	—	—	0.053	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	E	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	160	—	—	3.63	µS/cm	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	3.63	µS/cm	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	3.63	µS/cm	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	3.63	µS/cm	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.3	—	—	1	µg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	71.9	—	—	1	µg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.3	—	—	1	µg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	2015-239	CAMO-15-90236	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	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.32	—	—	0.133	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.3	—	—	0.133	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.43	—	—	0.133	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.73	—	—	0.133	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.36	—	—	0.133	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.436	—	—	0.33	mg/L	Y	J	J	2015-2043	CAMO-15-102587	GELC
R-45 S2	974.9	05/04/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.578	—	—	0.33	mg/L	Y	J	J	2015-1148	CAMO-15-95786	GELC
R-45 S2	974.9	02/19/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.474	—	—	0.33	mg/L	Y	J	J	2015-804	CAMO-15-92488	GELC
R-45 S2	974.9	11/05/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.481	—	—	0.33	mg/L	Y	J	J	2015-239	CAMO-15-90219	GELC
R-45 S2	974.9	05/07/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.724	—	—	0.33	mg/L	Y	J	J	2014-3362	CAMO-14-75503	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0196	—	—	0.017	mg/L	Y	J	J	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.031	—	—	0.017	mg/L	Y	J	J	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0385	—	—	0.017	mg/L	Y	J	U	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	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	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0307	—	—	0.017	mg/L	Y	J	J	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.688	—	—	0.067	µg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.694	—	—	0.067	µg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.682	—	—	0.067	µg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.686	—	—	0.067	µg/L	Y	—	J	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.774	—	—	0.067	µg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-45 S2	974.9	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	2015-2043	CAMO-15-102611	GELC
R-45 S2	974.9	05/04/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.84	—	—	1	µg/L	Y	—	NQ	2015-1148	CAMO-15-95808	GELC
R-45 S2	974.9	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.9	—	—	1	µg/L	Y	—	NQ	2015-804	CAMO-15-92504	GELC
R-45 S2	974.9	11/05/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.7	—	—	1	µg/L	Y	—	NQ	2015-239	CAMO-15-90236	GELC
R-45 S2	974.9	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.93	—	—	1	µg/L	Y	—	NQ	2014-3362	CAMO-14-75518	GELC
R-50 S1	1077	08/05/15	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	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	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	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	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	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	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	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	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	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.7	—	—	0.725	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.6	—	—	0.725	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	0.725	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.1	—	—	0.725	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0718	—	—	0.017	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.017	mg/L	Y	—	J	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0296	—	—	0.017	mg/L	Y	J	U	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.09	—	—	1.7	µg/L	Y	J	J	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1179	CAMO-15-95810	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	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.77	—	—	1.7	µg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.6	—	—	1	µg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18	—	—	1	µg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.9	—	—	1	µg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.5	—	—	1	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.9	—	—	15	µg/L	Y	J	J	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0847	—	—	0.067	mg/L	Y	J	J	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0971	—	—	0.067	mg/L	Y	J	J	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.13	—	—	0.067	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.12	—	—	0.067	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.64	—	—	0.067	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.74	—	—	0.067	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.34	—	—	0.067	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	103	—	—	2	µg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	114	—	—	2	µg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	117	—	—	2	µg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	84.6	—	—	2	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	106	—	—	10	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.255	—	—	0.033	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.285	—	—	0.033	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.285	—	—	0.033	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.322	—	—	0.033	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.22	—	—	0.033	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	—	0.453	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.8	—	—	0.453	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.3	—	—	0.453	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.99	—	—	0.11	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.94	—	—	0.11	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.78	—	—	0.11	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.2	—	—	0.11	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.68	—	—	0.11	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	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	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.878	—	—	0.165	µg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.893	—	—	0.165	µg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.856	—	—	0.165	µg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.895	—	—	0.165	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.99	—	—	0.165	µg/L	Y	—	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.34	—	—	0.5	µg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.99	—	—	0.5	µg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.99	—	—	0.5	µg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.04	—	—	0.5	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.85	—	—	0.5	µg/L	Y	N*	J+	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.398	—	—	0.017	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	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	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2	—	—	0.085	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.53	—	—	0.085	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.8	—	—	0.085	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.586	—	—	0.05	µg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.588	—	—	0.05	µg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.557	—	—	0.05	µg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.557	—	—	0.05	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.595	—	—	0.05	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	N	J+	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	3.63	µS/cm	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	3.63	µS/cm	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	3.63	µS/cm	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	3.63	µS/cm	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.5	—	—	1	µg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.7	—	—	1	µg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.6	—	—	1	µg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.1	—	—	1	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.3	—	—	1	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	—	—	0.133	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.5	—	—	0.133	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	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	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.51	—	—	0.133	mg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	H	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	440	—	—	3.4	mg/L	N	—	R	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0332	—	—	0.017	mg/L	Y	J	J	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.046	—	—	0.017	mg/L	Y	J	U	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0338	—	—	0.017	mg/L	Y	J	J	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0425	—	—	0.017	mg/L	Y	J	U	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0357	—	—	0.017	mg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.549	—	—	0.067	µg/L	Y	—	NQ	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.507	—	—	0.067	µg/L	Y	—	NQ	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.514	—	—	0.067	µg/L	Y	—	NQ	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.465	—	—	0.067	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.524	—	—	0.067	µg/L	Y	N	J+	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.95	—	—	1	µg/L	Y	J	J	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.75	—	—	1	µg/L	Y	J	J	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.93	—	—	1	µg/L	Y	J	J	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.61	—	—	1	µg/L	Y	J	J	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5	—	—	1	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.16	—	—	3.3	µg/L	Y	J	J	2015-2048	CAMO-15-102612	GELC
R-50 S1	1077	05/08/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.36	—	—	3.3	µg/L	Y	J	J	2015-1179	CAMO-15-95810	GELC
R-50 S1	1077	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.95	—	—	3.3	µg/L	Y	J	J	2015-819	CAMO-15-92505	GELC
R-50 S1	1077	11/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	13.4	—	—	3.3	µg/L	Y	—	NQ	2015-327	CAMO-15-90237	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.06	—	—	3.3	µg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S2	1185	08/05/15	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	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	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	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	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	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.5	—	—	0.725	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.5	—	—	0.725	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.1	—	—	0.725	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0642	—	—	0.017	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0267	—	—	0.017	mg/L	Y	J	U	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0658	—	—	0.017	mg/L	Y	—	U	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.102	—	—	0.017	mg/L	Y	—	U	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.12	—	—	1.7	µg/L	Y	J	J	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-4024	CAMO-14-84015	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	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25	—	—	1	µg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.6	—	—	15	µg/L	Y	J	J	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17	—	—	15	µg/L	Y	J	J	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.07	—	—	0.067	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.73	—	—	2	µg/L	Y	J	J	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.87	—	—	2	µg/L	Y	J	J	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4	—	—	2	µg/L	Y	J	J	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.77	—	—	2	µg/L	Y	J	J	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	6.39	—	—	2	µg/L	Y	J	U	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.332	—	—	0.033	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.362	—	—	0.033	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	—	0.033	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	—	0.033	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.5	—	—	0.453	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.5	—	—	0.453	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.9	—	—	0.453	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	0.11	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.16	—	—	0.11	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.99	—	—	0.165	µg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.924	—	—	0.5	µg/L	Y	J	J	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.01	—	—	0.5	µg/L	Y	J	J	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.14	—	—	0.5	µg/L	Y	J	J	2015-819	CAMO-15-92506	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	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.21	—	—	0.5	µg/L	Y	J	J	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.12	—	—	0.5	µg/L	Y	J	J	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.43	—	—	0.017	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.499	—	—	0.017	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	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	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.468	—	—	0.017	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	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	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.312	—	—	0.05	µg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.31	—	—	0.05	µg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	—	0.05	µg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.301	—	—	0.05	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.2	—	—	0.053	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75	—	—	0.053	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.2	—	—	0.053	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77	—	—	0.053	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	EN	J+	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	3.63	µS/cm	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	3.63	µS/cm	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	3.63	µS/cm	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	3.63	µS/cm	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.4	—	—	1	µg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.4	—	—	1	µg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.3	—	—	1	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.44	—	—	0.133	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.49	—	—	0.133	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.62	—	—	0.133	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	—	—	0.133	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.517	—	—	0.067	µg/L	Y	—	NQ	2015-2048	CAMO-15-102613	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	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.505	—	—	0.067	µg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.554	—	—	0.067	µg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.428	—	—	0.067	µg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.446	—	—	0.067	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	08/05/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.41	—	—	1	µg/L	Y	—	NQ	2015-2048	CAMO-15-102613	GELC
R-50 S2	1185	05/11/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.95	—	—	1	µg/L	Y	—	NQ	2015-1183	CAMO-15-95811	GELC
R-50 S2	1185	02/23/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.48	—	—	1	µg/L	Y	—	NQ	2015-819	CAMO-15-92506	GELC
R-50 S2	1185	11/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.51	—	—	1	µg/L	Y	—	NQ	2015-318	CAMO-15-90238	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.24	—	—	1	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.41	—	—	0.01	SU	Y	H	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	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	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	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	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	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	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	0.725	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.05	—	—	0.725	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.03	—	—	0.725	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	—	0.725	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.725	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.3	—	—	0.725	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	0.725	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	0.725	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	0.725	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.256	—	—	0.017	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.132	—	—	0.017	mg/L	Y	—	U	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.136	—	—	0.017	mg/L	Y	—	U	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0449	—	—	0.017	mg/L	Y	J	U	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0326	—	—	0.017	mg/L	Y	J	J	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0866	—	—	0.017	mg/L	Y	—	U	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.93	—	—	1.7	µg/L	Y	J	J	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.6	—	—	1	µg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.1	—	—	1	µg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.2	—	—	1	µg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.8	—	—	1	µg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0852	—	—	0.067	mg/L	Y	J	J	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0928	—	—	0.067	mg/L	Y	J	J	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0944	—	—	0.067	mg/L	Y	J	J	2015-1191	CAMO-15-95814	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	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0706	—	—	0.067	mg/L	Y	J	J	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0905	—	—	0.067	mg/L	Y	J	J	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0762	—	—	0.067	mg/L	Y	J	J	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.3	—	—	0.05	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.2	—	—	0.05	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	0.05	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	0.05	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.87	—	—	0.067	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.52	—	—	0.067	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.52	—	—	0.067	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.2	—	—	0.067	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.25	—	—	0.134	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.7	—	—	0.134	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	116	—	—	2	µg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	132	—	—	2	µg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	134	—	—	2	µg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	136	—	—	2	µg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	104	—	—	2	µg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	240	—	—	10	µg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	221	—	—	2	µg/L	N	—	J	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.179	—	—	0.033	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.175	—	—	0.033	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.219	—	—	0.033	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.7	—	—	0.453	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.9	—	—	0.453	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.7	—	—	0.453	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.1	—	—	0.453	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.4	—	—	0.453	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.7	—	—	4.53	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.28	—	—	0.11	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.67	—	—	0.11	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.66	—	—	0.11	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.51	—	—	0.11	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.08	—	—	0.11	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.74	—	—	0.11	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.763	—	—	0.165	µg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.707	—	—	0.165	µg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.699	—	—	0.165	µg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.838	—	—	0.165	µg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.863	—	—	0.165	µg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.713	—	—	0.165	µg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.92	—	—	0.5	µg/L	Y	J	J	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.89	—	—	0.5	µg/L	Y	J	J	2015-1191	CAMO-15-95762	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	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.99	—	—	0.5	µg/L	Y	J	J	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.51	—	—	0.5	µg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.22	—	—	0.5	µg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.14	—	—	0.5	µg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.96	—	—	0.085	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	—	0.017	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	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	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.085	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	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	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.5	—	—	0.085	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.828	—	—	0.05	µg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.778	—	—	0.05	µg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.794	—	—	0.05	µg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.787	—	—	0.05	µg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.842	—	—	0.05	µg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.797	—	—	0.05	µg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.17	—	—	0.05	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	3.63	µS/cm	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	3.63	µS/cm	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	3.63	µS/cm	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	3.63	µS/cm	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	3.63	µS/cm	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.8	—	—	1	µg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.6	—	—	1	µg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	90.1	—	—	1	µg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	83	—	—	1	µg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	82.7	—	—	1	µg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	84.9	—	—	1	µg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.7	—	—	0.133	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	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	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16	—	—	0.133	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	—	—	0.133	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20.2	—	—	0.266	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	2.96	—	—	2.5	µg/L	Y	J	J	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	290	—	—	3.4	mg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.907	—	—	0.067	µg/L	Y	—	NQ	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.879	—	—	0.067	µg/L	Y	—	NQ	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.884	—	—	0.067	µg/L	Y	—	NQ	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.941	—	—	0.067	µg/L	Y	—	NQ	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.861	—	—	0.067	µg/L	Y	—	NQ	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.857	—	—	0.067	µg/L	Y	—	NQ	2014-3641	CAMO-14-83984	GELC
R-62	1158.4	08/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.44	—	—	1	µg/L	Y	J	J	2015-2157	CAMO-15-102615	GELC
R-62	1158.4	05/12/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.46	—	—	1	µg/L	Y	J	J	2015-1191	CAMO-15-95762	GELC
R-62	1158.4	05/12/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.31	—	—	1	µg/L	Y	J	J	2015-1191	CAMO-15-95814	GELC
R-62	1158.4	02/24/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.93	—	—	1	µg/L	Y	J	J	2015-823	CAMO-15-92508	GELC
R-62	1158.4	11/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.66	—	—	1	µg/L	Y	J	J	2015-355	CAMO-15-90240	GELC
R-62	1158.4	06/26/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.65	—	—	1	µg/L	Y	J	J	2014-3641	CAMO-14-83984	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	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	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	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	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	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	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.6	—	—	0.725	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	—	0.725	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.8	—	—	0.725	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.5	—	—	0.725	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.2	—	—	0.725	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	0.725	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0531	—	—	0.017	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0407	—	—	0.017	mg/L	Y	J	J	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0329	—	—	0.017	mg/L	Y	J	J	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0852	—	—	0.017	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.131	—	—	0.017	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0502	—	—	0.017	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	69.4	—	—	1	µg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	69.2	—	—	1	µg/L	Y	—	NQ	2015-2126	CASA-15-102622	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	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	71.1	—	—	1	µg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	71.8	—	—	1	µg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	66.7	—	—	1	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	64.6	—	—	1	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	20.4	—	—	15	µg/L	Y	J	J	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.2	—	—	15	µg/L	Y	J	J	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.1	—	—	15	µg/L	Y	J	J	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.661	—	—	0.067	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.667	—	—	0.067	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.643	—	—	0.067	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.655	—	—	0.067	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	2	—	—	0.67	mg/L	Y	U	U	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.632	—	—	0.067	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	65.5	—	—	0.05	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	65.2	—	—	0.05	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	70.8	—	—	0.05	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	71.2	—	—	0.05	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	67	—	—	0.05	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	68.1	—	—	0.05	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	69.9	—	—	0.67	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	69.9	—	—	0.67	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	63.8	—	—	1.34	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	69.2	—	—	0.67	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	71.9	—	—	0.67	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	66.7	—	—	1.34	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	432	—	—	10	µg/L	Y	—	J+	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	449	—	—	10	µg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	411	—	—	2	µg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	433	—	—	2	µg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	416	—	—	2	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	386	—	—	2	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00844	—	—	0.00167	mg/L	Y	—	NQ	2015-2126	CASA-15-102621	GELC
SCI-2	548	08/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00805	—	—	0.00167	mg/L	Y	—	J+	2015-2126	CASA-15-102643	GELC
SCI-2	548	05/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00752	—	—	0.00167	mg/L	Y	—	NQ	2015-1175	CASA-15-95825	GELC
SCI-2	548	02/19/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00777	—	—	0.00167	mg/L	Y	—	NQ	2015-805	CASA-15-92517	GELC
SCI-2	548	11/12/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00744	—	—	0.00167	mg/L	Y	—	NQ	2015-296	CASA-15-90256	GELC
SCI-2	548	07/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00595	—	—	0.00167	mg/L	Y	—	NQ	2014-4090	CASA-14-81521	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.186	—	—	0.033	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.151	—	—	0.033	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.575	—	—	0.33	mg/L	Y	J	J	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	228	—	—	0.453	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	226	—	—	0.453	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	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	05/07/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	245	—	—	0.453	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	248	—	—	0.453	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	232	—	—	0.453	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	237	—	—	0.453	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.6	—	—	0.11	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.5	—	—	0.11	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.7	—	—	0.11	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	17	—	—	0.11	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.6	—	—	0.11	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.4	—	—	0.11	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.555	—	—	0.165	µg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.384	—	—	0.165	µg/L	Y	J	J	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.528	—	—	0.165	µg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.492	—	—	0.165	µg/L	Y	J	J	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.562	—	—	0.165	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.556	—	—	0.165	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.2	—	—	0.5	µg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.3	—	—	0.5	µg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.4	—	—	0.5	µg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.9	—	—	0.5	µg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.6	—	—	0.5	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.5	—	—	0.5	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.19	—	—	0.17	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.11	—	—	0.17	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.07	—	—	0.17	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.56	—	—	0.085	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.04	—	—	0.085	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.07	—	—	0.085	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.938	—	—	0.05	µg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.899	—	—	0.05	µg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.97	—	—	0.05	µg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.932	—	—	0.05	µg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.962	—	—	0.1	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.918	—	—	0.1	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.68	—	—	0.05	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.74	—	—	0.05	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.91	—	—	0.05	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.42	—	—	0.05	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.6	—	—	0.05	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.1	—	—	0.053	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.2	—	—	0.053	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.3	—	—	0.053	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.6	—	—	0.1	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	25	—	—	0.1	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	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	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23	—	—	0.1	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.1	—	—	0.1	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.7	—	—	0.1	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	575	—	—	3.63	µS/cm	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	565	—	—	3.63	µS/cm	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	600	—	—	3.63	µS/cm	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	583	—	—	3.63	µS/cm	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	598	—	—	3.63	µS/cm	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	606	—	—	1	µS/cm	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	338	—	—	1	µg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	343	—	—	1	µg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	329	—	—	1	µg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	320	—	—	1	µg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	325	—	—	1	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	329	—	—	1	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	94.1	—	—	1.33	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	94.4	—	—	1.33	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.1	—	—	2.66	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	93.6	—	—	1.33	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	95.2	—	—	1.33	mg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	92.3	—	—	2.66	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.11	—	—	2.5	µg/L	Y	J	J	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	Y	6.14	—	—	2.5	µg/L	Y	J	J	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	50	—	—	12.5	µg/L	Y	U	U	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	100	—	—	25	µg/L	Y	U	U	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	3.4	—	—	2.5	µg/L	Y	J	J	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	500	—	—	125	µg/L	Y	UN	U	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	450	—	—	3.4	mg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	443	—	—	3.4	mg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	430	—	—	3.4	mg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	386	—	—	3.4	mg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	424	—	—	3.4	mg/L	Y	H	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	734	—	—	3.4	mg/L	N	—	R	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	433	—	—	3.4	mg/L	Y	H	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	516	—	—	3.4	mg/L	N	—	R	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.109	—	—	0.033	mg/L	Y	—	NQ	2015-2126	CASA-15-102621	GELC
SCI-2	548	08/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	2015-2126	CASA-15-102643	GELC
SCI-2	548	05/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-1175	CASA-15-95825	GELC
SCI-2	548	02/19/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.109	—	—	0.033	mg/L	Y	—	U	2015-805	CASA-15-92517	GELC
SCI-2	548	11/12/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0951	—	—	0.033	mg/L	Y	J	J	2015-296	CASA-15-90256	GELC
SCI-2	548	07/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0975	—	—	0.033	mg/L	Y	J	J	2014-4090	CASA-14-81521	GELC
SCI-2	548	08/10/15	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.832	—	—	0.33	mg/L	Y	J	J	2015-2126	CASA-15-102621	GELC
SCI-2	548	08/10/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.822	—	—	0.33	mg/L	Y	J	J	2015-2126	CASA-15-102643	GELC
SCI-2	548	05/07/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.893	—	—	0.33	mg/L	Y	J	J	2015-1175	CASA-15-95825	GELC
SCI-2	548	02/19/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.948	—	—	0.33	mg/L	Y	J	J	2015-805	CASA-15-92517	GELC
SCI-2	548	11/12/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.91	—	—	0.33	mg/L	Y	J	J	2015-296	CASA-15-90256	GELC
SCI-2	548	07/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.871	—	—	0.33	mg/L	Y	J	J	2014-4090	CASA-14-81521	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	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.84	—	—	0.067	µg/L	Y	—	NQ	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.87	—	—	0.067	µg/L	Y	—	NQ	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.79	—	—	0.067	µg/L	Y	—	NQ	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.78	—	—	0.067	µg/L	Y	—	NQ	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.83	—	—	0.067	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.38	—	—	0.067	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.65	—	—	1	µg/L	Y	J	J	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.5	—	—	1	µg/L	Y	J	J	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.6	—	—	1	µg/L	Y	J	J	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.74	—	—	1	µg/L	Y	J	J	2014-4090	CASA-14-81527	GELC
SCI-2	548	08/10/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.28	—	—	3.3	µg/L	Y	J	J	2015-2126	CASA-15-102657	GELC
SCI-2	548	08/10/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.96	—	—	3.3	µg/L	Y	J	J	2015-2126	CASA-15-102622	GELC
SCI-2	548	05/07/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.73	—	—	3.3	µg/L	Y	J	J	2015-1175	CASA-15-95834	GELC
SCI-2	548	02/19/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-805	CASA-15-92524	GELC
SCI-2	548	11/12/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	12.9	—	—	3.3	µg/L	Y	—	NQ	2015-296	CASA-15-90264	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-4090	CASA-14-81527	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Levels

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 Level	Reporting Level Code	Result/Screening Level
Intermediate	MCOI-5	689.04	08/14/2015	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F[a]	INIT[b]	REG[c]	Y[d]	5.9	0.085	mg/L	5	—[e]	NQ[f]	NQ	Y	EPA:353.2	GELC[g]	10	EPA MCL[h]	0.59
Intermediate	MCOI-5	689.04	08/14/2015	LCMS/MS[i] Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	97	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	24.25
Intermediate	MCOI-6	686	08/04/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	74.7	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD[j]	1.49
Intermediate	MCOI-6	686	08/04/2015	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	7.95	0.425	mg/L	25	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.80
Intermediate	MCOI-6	686	08/04/2015	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	61.8	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	15.45
Intermediate	SCI-2	548	08/10/2015	Inorganic	Chromium	Cr	F	INIT	FD[k]	Y	449	10	µg/L	5	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	8.98
Intermediate	SCI-2	548	08/10/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	432	10	µg/L	5	—	J+[l]	I6b[m]	Y	SW-846:6020	GELC	50	NMWQCC GW STD	8.64
Regional	R-11	855	08/07/2015	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.65	0.085	mg/L	5	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL[n]	0.57
Regional	R-15	958.6	08/13/2015	LCMS/MS Perchlorate	Perchlorate	ClO4	F	INIT	REG	Y	8.93	0.5	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	2.23
Regional	R-28	934.3	08/12/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	407	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	8.14
Regional	R-42	931.8	08/12/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	835	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	16.70
Regional	R-43 S1	903.9	08/19/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	146	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.92
Regional	R-43 S1	903.9	08/19/2015	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.4	0.085	mg/L	5	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-45 S1	880	08/05/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	35.7	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.71
Regional	R-50 S1	1077	08/05/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	103	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.06
Regional	R-62	1158.4	08/13/2015	Inorganic	Chromium	Cr	F	INIT	REG	Y	116	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.32

[a] F = Filtered.

[b] INIT = Initial.

[c] REG = Regular.

[d] Y = Yes.

[e] — = None.

[f] NQ = Not qualified.

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

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

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

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

[k] FD = Field duplicate.

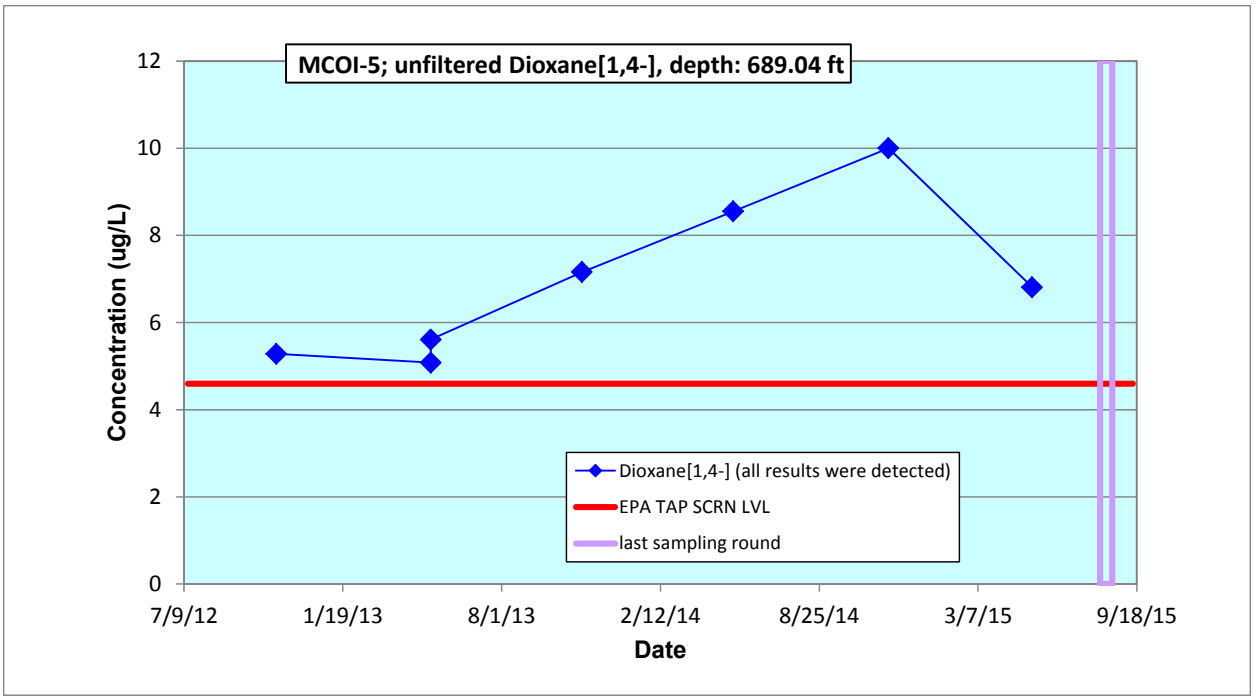
[l] J+ = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.

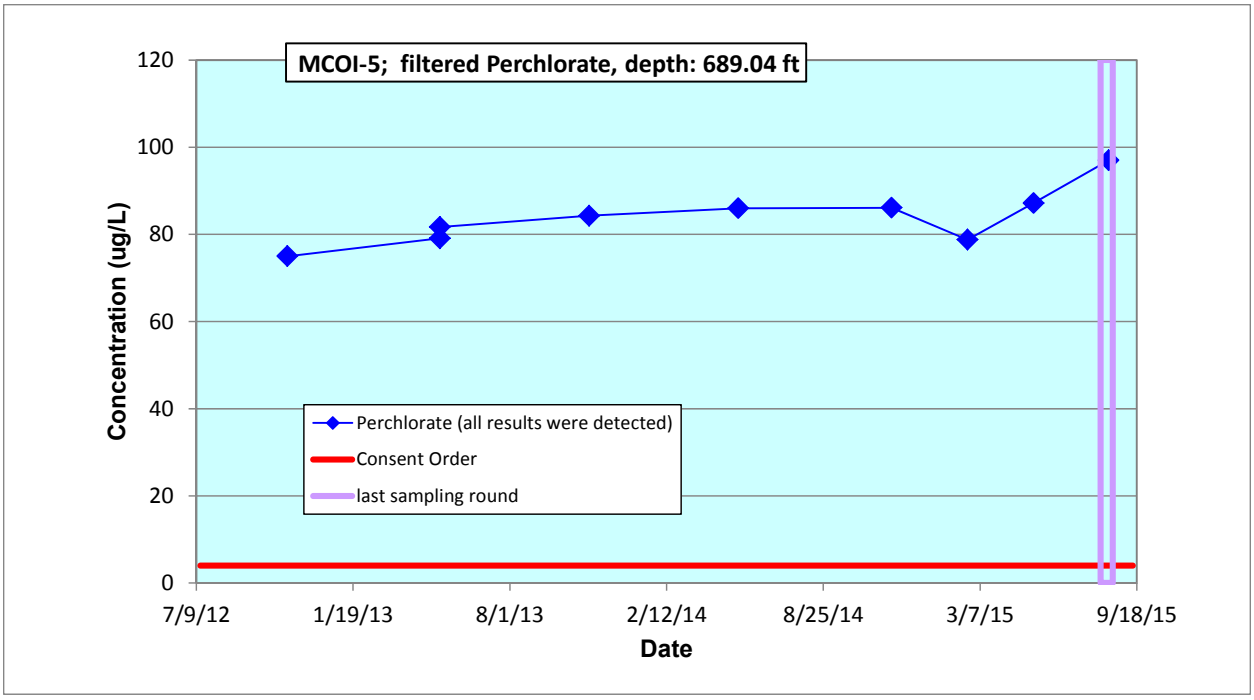
[m] I6b = The associated matrix spike recovery was above the upper acceptance limit. Follow the external laboratory limits located within the associated data package.

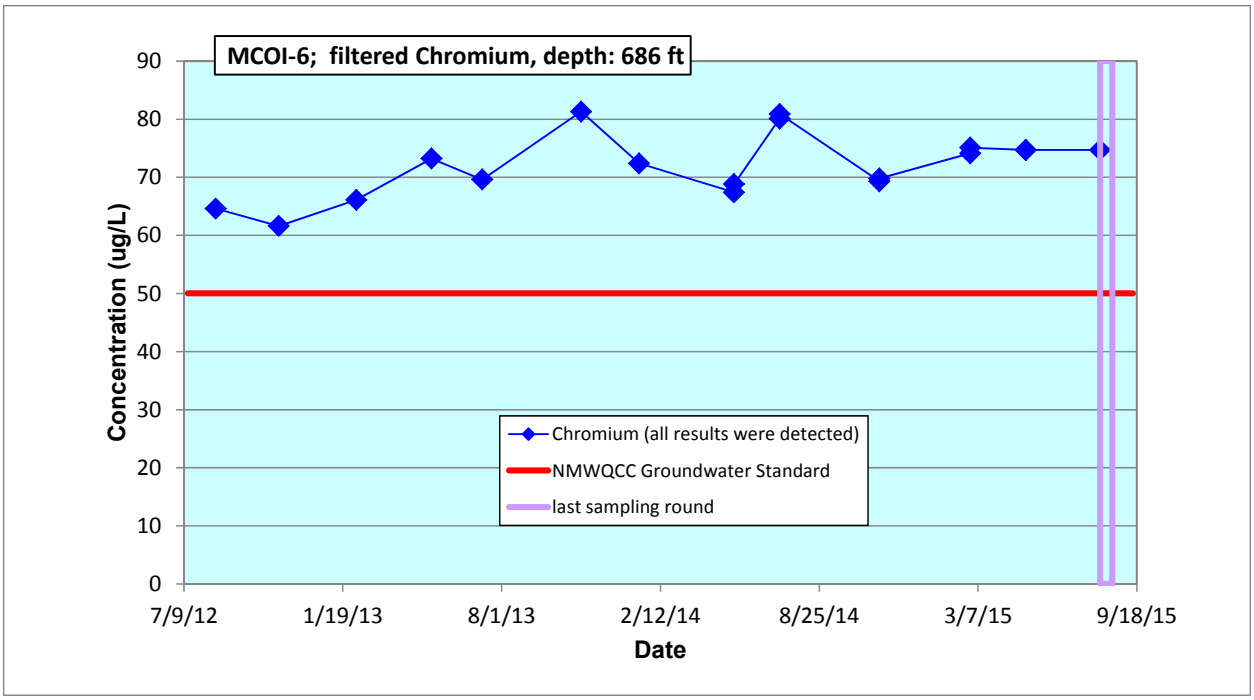
[n] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.

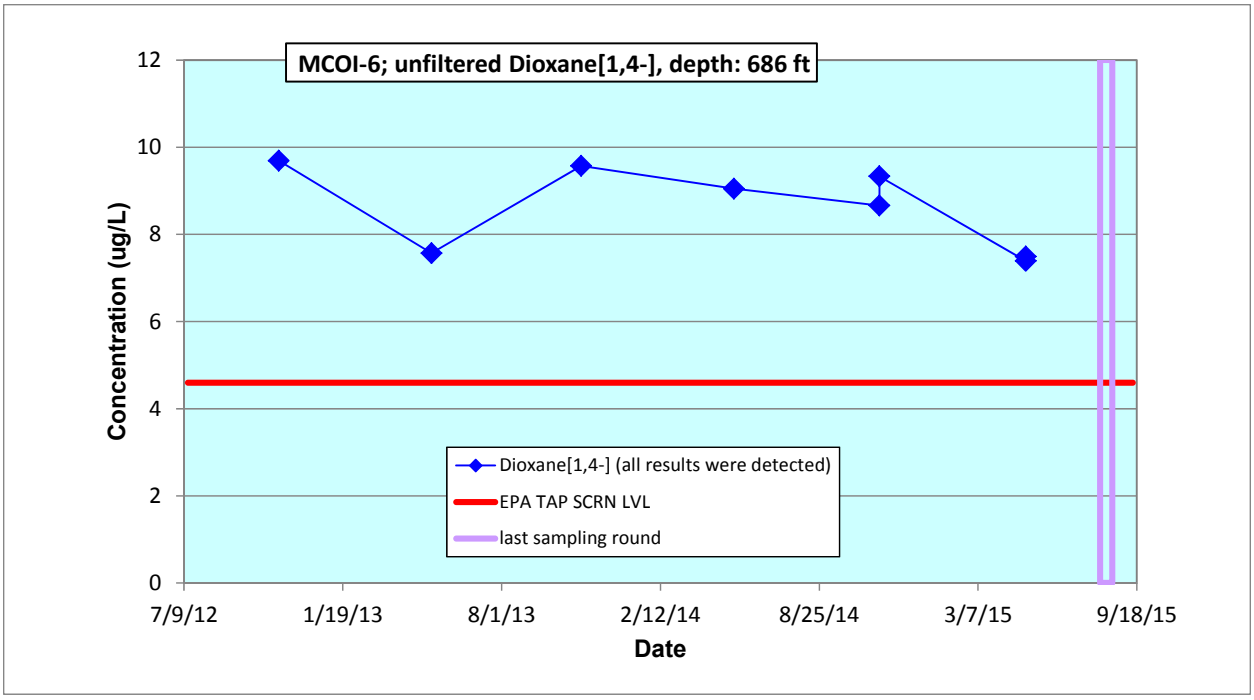
Appendix E

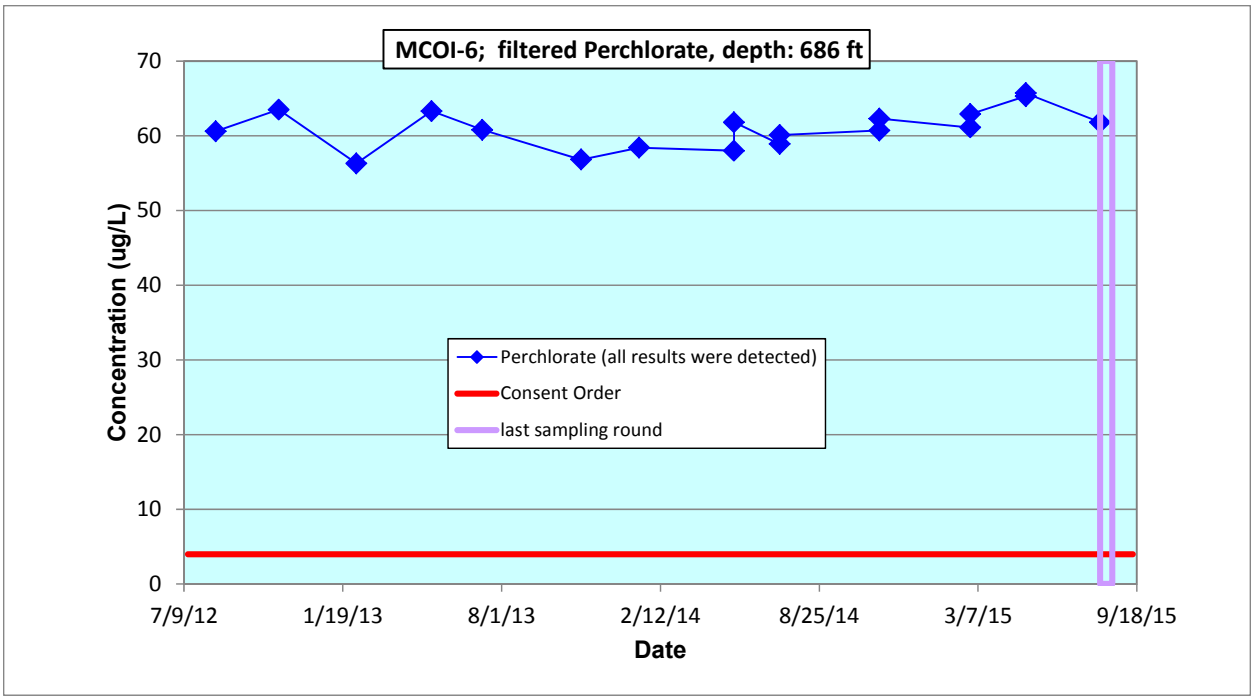
Analytical Chemistry Graphs of Screening-Level Exceedances

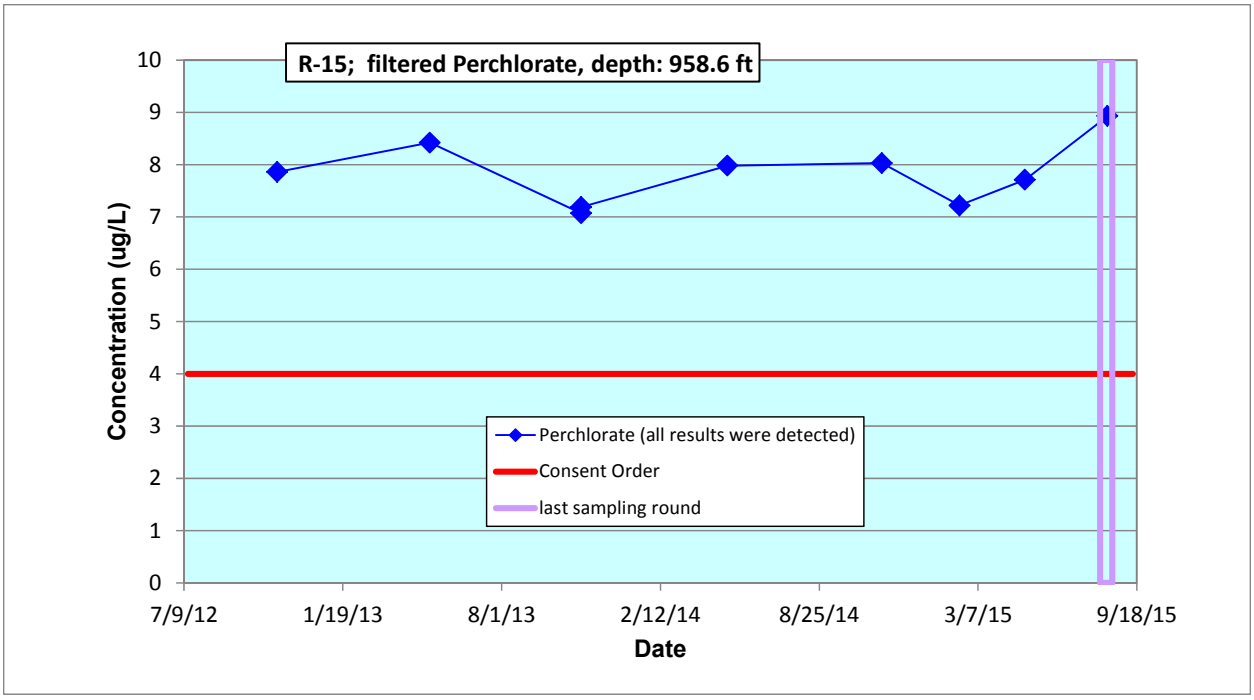

MCOI-5; unfiltered Dioxane[1,4-], depth: 689.04 ft
Concentration (ug/L)
0
2
4
6
8
10
12
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Dioxane[1,4-] (all results were detected)
EPA TAP SCRN LVL
last sampling round

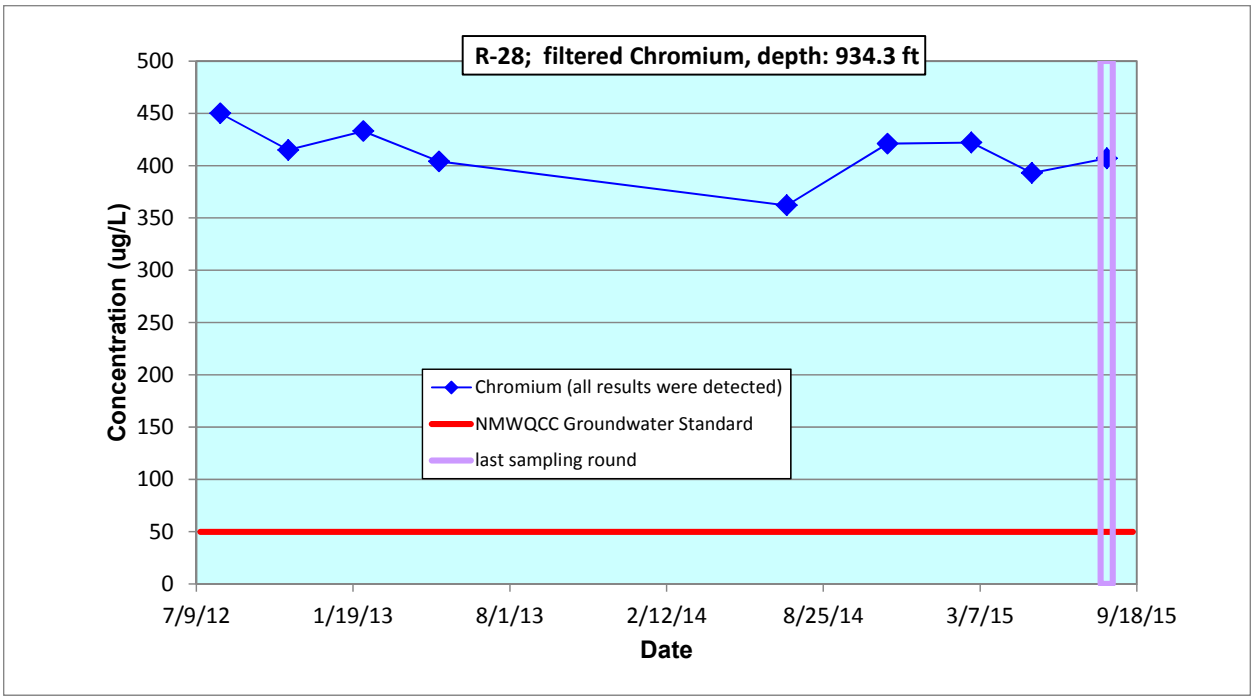

MCOI-5; filtered Perchlorate, depth: 689.04 ft
Concentration (ug/L)
0
20
40
60
80
100
120
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

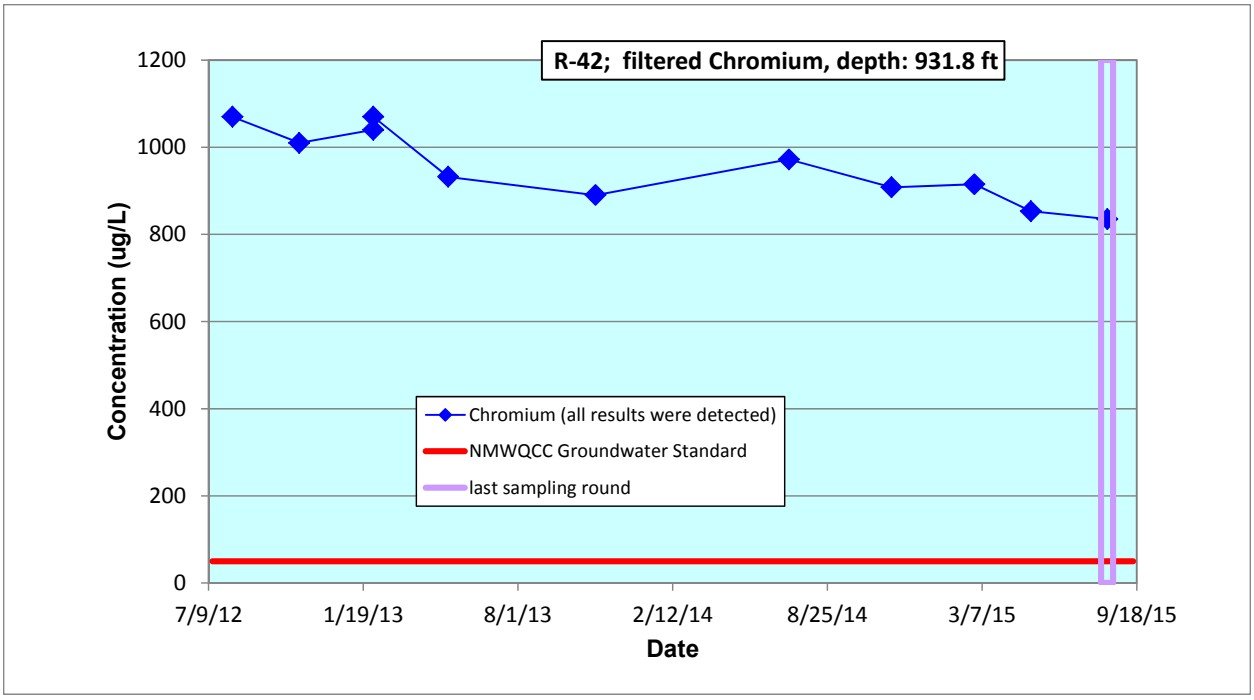

MCOI-6; filtered Chromium, depth: 686 ft
Concentration (ug/L)
90
80
70
60
50
40
30
20
10
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

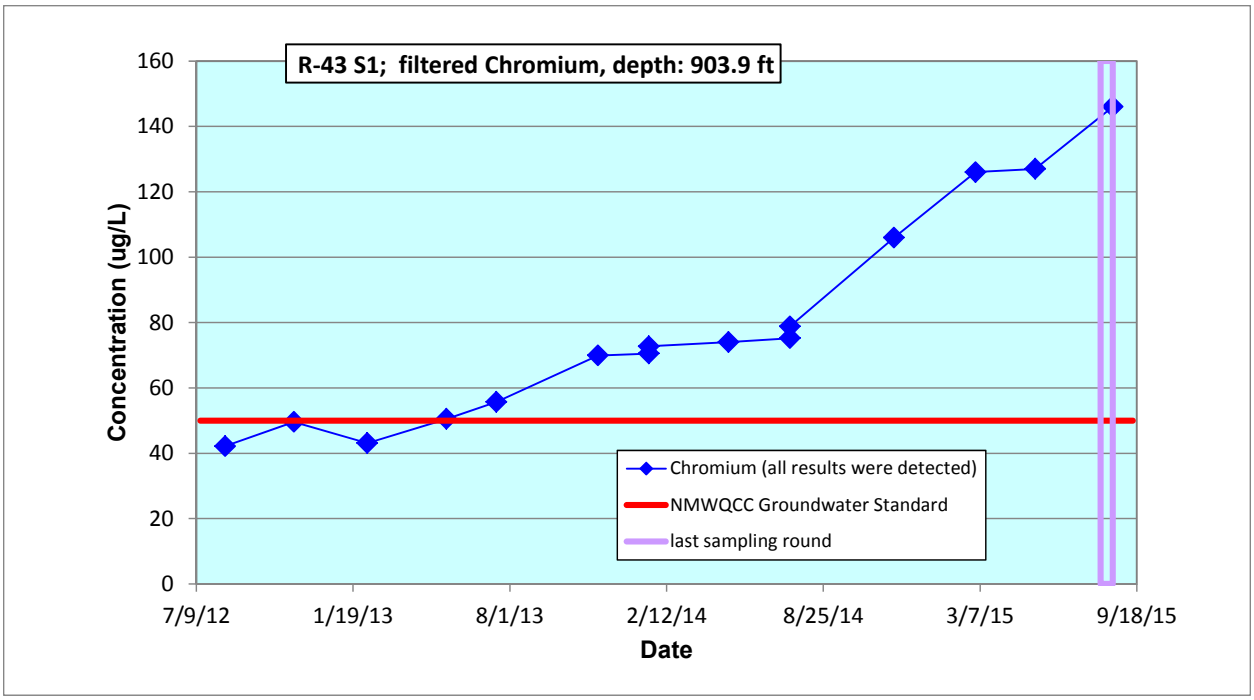

MCOI-6; unfiltered Dioxane[1,4-], depth: 686 ft
Concentration (ug/L)
12
10
8
6
4
2
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Dioxane[1,4-] (all results were detected)
EPA TAP SCRN LVL
last sampling round

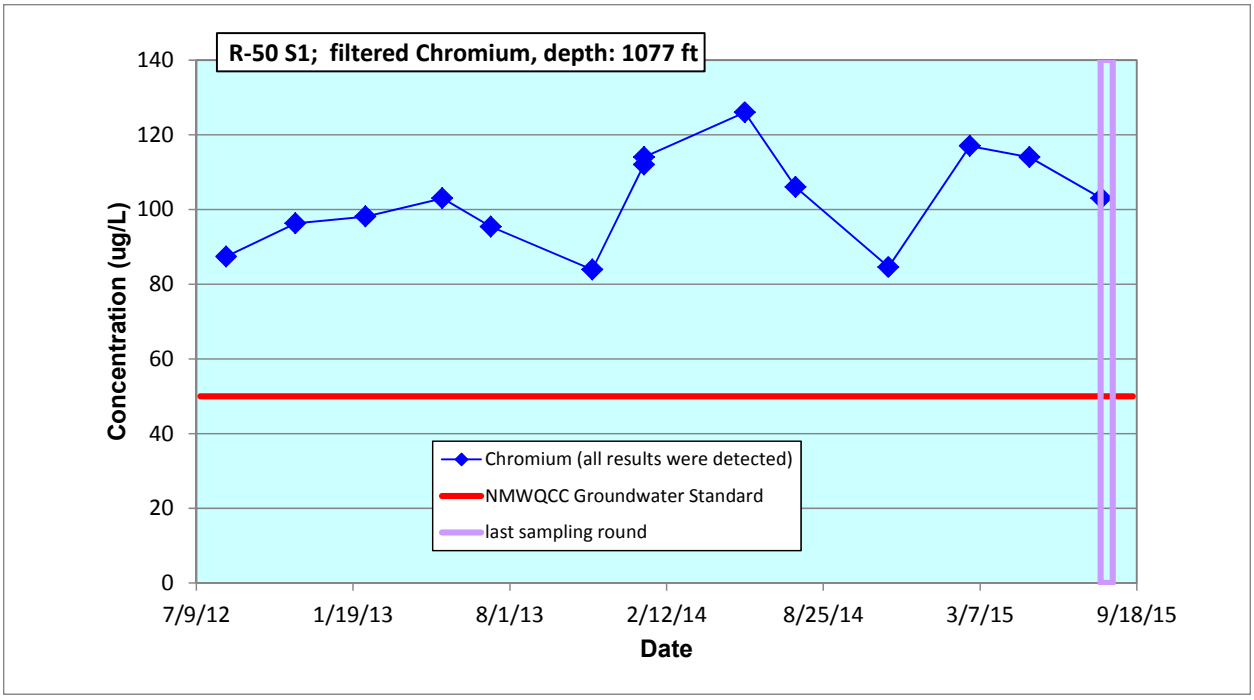

MCOI-6; filtered Perchlorate, depth: 686 ft
Concentration (ug/L)
70
60
50
40
30
20
10
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

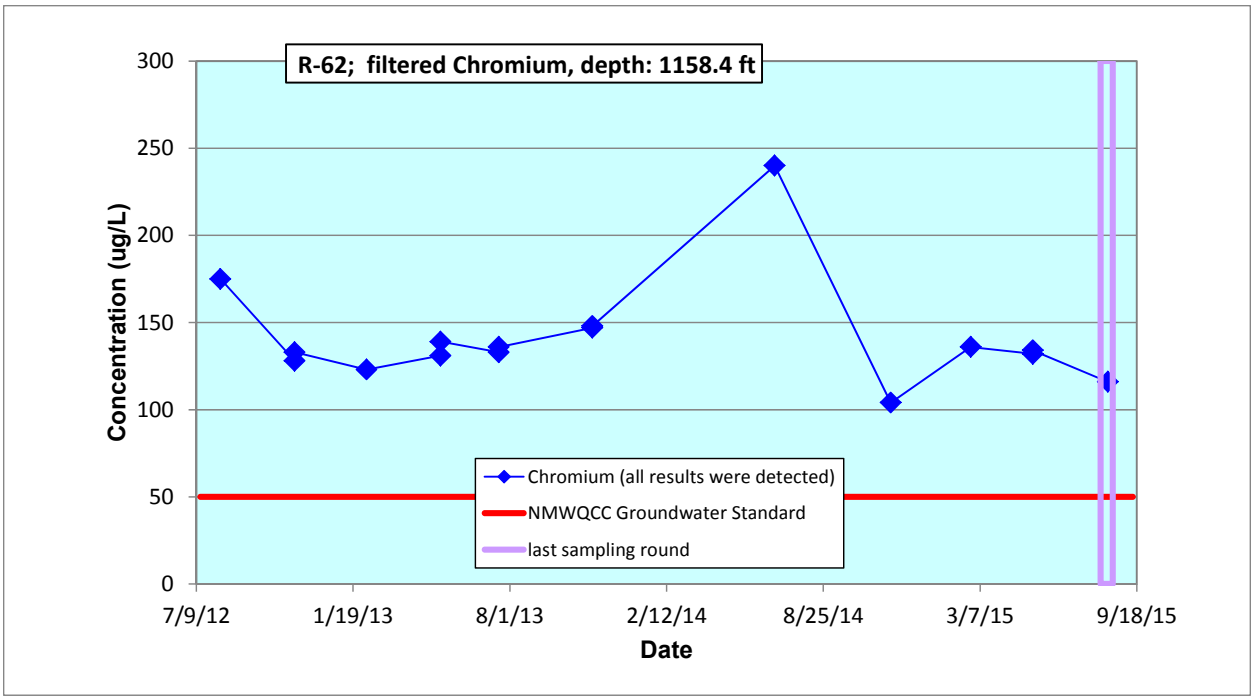

R-15; filtered Perchlorate, depth: 958.6 ft
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

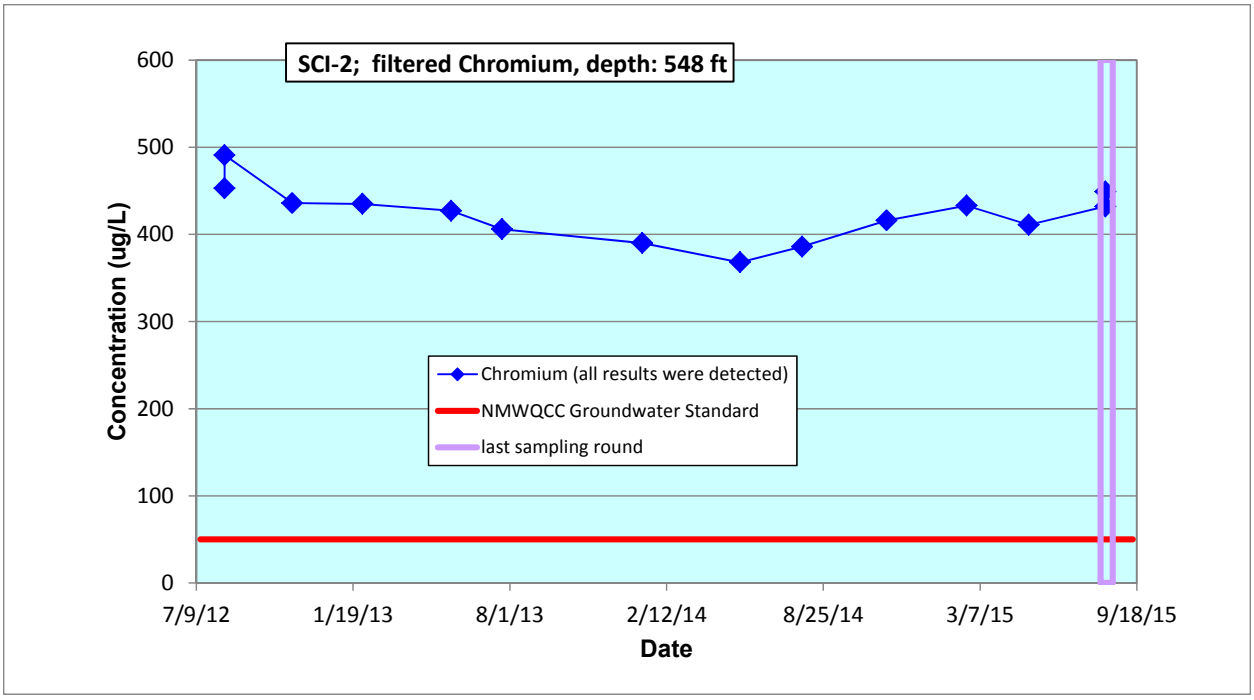

R-28; filtered Chromium, depth: 934.3 ft
Concentration (ug/L)
500
450
400
350
300
250
200
150
100
50
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-42; filtered Chromium, depth: 931.8 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-43 S1; filtered Chromium, depth: 903.9 ft
Concentration (ug/L)
160
140
120
100
80
60
40
20
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-50 S1; filtered Chromium, depth: 1077 ft
Concentration (ug/L)
140
120
100
80
60
40
20
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-62; filtered Chromium, depth: 1158.4 ft
Concentration (ug/L)
300
250
200
150
100
50
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


SCI-2; filtered Chromium, depth: 548 ft
Concentration (ug/L)
600
500
400
300
200
100
0
7/9/12
1/19/13
8/1/13
2/12/14
8/25/14
3/7/15
9/18/15
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

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)
2015-1188	Inorganic	EES6[a]	CAMO-15-95762	05/12/15	R-62	1158.4	1179.1
2015-1188	Inorganic	EES6	CAMO-15-95814	05/12/15	R-62	1158.4	1179.1
2015-1491	Inorganic	UIL[b]	CASA-15-95827	05/14/15	R-11	855	877.9
2015-1491	Inorganic	UIL	CASA-15-95831	05/15/15	R-43 S1	903.9	924.6
2015-1491	Inorganic	UIL	CASA-15-95832	05/19/15	R-43 S2	969.1	979.1
2015-1492	Inorganic	UIL	CAMO-15-95761	05/05/15	MCOI-6	686	708.3
2015-1492	Inorganic	UIL	CAMO-15-95762	05/12/15	R-62	1158.4	1179.1
2015-1492	Inorganic	UIL	CAMO-15-95808	05/04/15	R-45 S2	974.9	994.9
2015-1492	Inorganic	UIL	CAMO-15-95810	05/08/15	R-50 S1	1077	1087
2015-1492	Inorganic	UIL	CAMO-15-95811	05/11/15	R-50 S2	1185	1205.6
2015-1492	Inorganic	UIL	CAMO-15-95814	05/12/15	R-62	1158.4	1179.1
2015-1492	Inorganic	UIL	CAMO-15-95795	05/05/15	MCOI-6	686	708.3
2015-1492	Inorganic	UIL	CAMO-15-95807	05/04/15	R-45 S1	880	890
2015-2020	Inorganic	GELC[c]	CAMO-15-102597	08/04/15	MCOI-6	686	708.3
2015-2020	Inorganic	GELC	CAMO-15-102573	08/04/15	MCOI-6	686	708.3
2015-2021	Inorganic	GELC	CASA-15-102651	08/04/15	R-35b	825.4	848.5
2015-2021	Inorganic	GELC	CASA-15-102637	08/04/15	R-35b	825.4	848.5
2015-2043	Inorganic	GELC	CAMO-15-102586	08/05/15	R-45 S1	880	890
2015-2043	Inorganic	GELC	CAMO-15-102587	08/05/15	R-45 S2	974.9	994.9
2015-2043	Inorganic	GELC	CAMO-15-102610	08/05/15	R-45 S1	880	890
2015-2043	Inorganic	GELC	CAMO-15-102611	08/05/15	R-45 S2	974.9	994.9
2015-2048	Inorganic	GELC	CAMO-15-102588	08/05/15	R-50 S1	1077	1087
2015-2048	Inorganic	GELC	CAMO-15-102589	08/05/15	R-50 S2	1185	1205.6
2015-2048	Inorganic	GELC	CAMO-15-102612	08/05/15	R-50 S1	1077	1087
2015-2048	Inorganic	GELC	CAMO-15-102613	08/05/15	R-50 S2	1185	1205.6
2015-2084	Inorganic	GELC	CAMO-15-102604	08/06/15	R-33 S1	995.5	1018.5
2015-2084	Inorganic	GELC	CAMO-15-102584	08/06/15	R-44 S1	895	905
2015-2084	Inorganic	GELC	CAMO-15-102585	08/06/15	R-44 S2	985.3	995.2
2015-2084	Inorganic	GELC	CAMO-15-102605	08/06/15	R-33 S2	1112.4	1122.3
2015-2084	Inorganic	GELC	CAMO-15-102608	08/06/15	R-44 S1	895	905
2015-2084	Inorganic	GELC	CAMO-15-102609	08/06/15	R-44 S2	985.3	995.2
2015-2084	Inorganic	GELC	CAMO-15-102558	08/06/15	R-33 S1	995.5	1018.5
2015-2084	Inorganic	GELC	CAMO-15-102559	08/06/15	R-33 S1	995.5	1018.5
2015-2084	Inorganic	GELC	CAMO-15-102580	08/06/15	R-33 S1	995.5	1018.5
2015-2084	Inorganic	GELC	CAMO-15-102581	08/06/15	R-33 S2	1112.4	1122.3
2015-2084	Rad[d]	GELC	CAMO-15-102558	08/06/15	R-33 S1	995.5	1018.5
2015-2084	Rad	GELC	CAMO-15-102580	08/06/15	R-33 S1	995.5	1018.5
2015-2084	Rad	GELC	CAMO-15-102581	08/06/15	R-33 S2	1112.4	1122.3

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-2090	Inorganic	GELC	CASA-15-102652	08/07/15	R-36	766.9	789.9
2015-2090	Inorganic	GELC	CASA-15-102647	08/07/15	R-11	855	877.9
2015-2090	Inorganic	GELC	CASA-15-102633	08/07/15	R-11	855	877.9
2015-2090	Inorganic	GELC	CASA-15-102638	08/07/15	R-36	766.9	789.9
2015-2125	Inorganic	GELC	CASA-15-102650	08/10/15	R-35a	1013.1	1062.2
2015-2125	Inorganic	GELC	CASA-15-102636	08/10/15	R-35a	1013.1	1062.2
2015-2126	Inorganic	GELC	CASA-15-102657	08/10/15	SCI-2	548	568
2015-2126	Inorganic	GELC	CASA-15-102643	08/10/15	SCI-2	548	568
2015-2126	Inorganic	GELC	CASA-15-102621	08/10/15	SCI-2	548	568
2015-2126	Inorganic	GELC	CASA-15-102622	08/10/15	SCI-2	548	568
2015-2137	Inorganic	GELC	CAMO-15-102598	08/11/15	R-13	958.33	1018.7
2015-2137	Inorganic	GELC	CAMO-15-102574	08/11/15	R-13	958.33	1018.7
2015-2151	Inorganic	GELC	CAMO-15-102603	08/12/15	R-28	934.3	958.1
2015-2151	Inorganic	GELC	CAMO-15-102583	08/12/15	R-42	931.8	952.9
2015-2151	Inorganic	GELC	CAMO-15-102607	08/12/15	R-42	931.8	952.9
2015-2151	Inorganic	GELC	CAMO-15-102579	08/12/15	R-28	934.3	958.1
2015-2156	Inorganic	GELC	CAMO-15-102575	08/13/15	R-15	958.6	1020.3
2015-2156	Inorganic	GELC	CAMO-15-102599	08/13/15	R-15	958.6	1020.3
2015-2157	Inorganic	GELC	CAMO-15-102591	08/13/15	R-62	1158.4	1179.1
2015-2157	Inorganic	GELC	CAMO-15-102615	08/13/15	R-62	1158.4	1179.1
2015-2166	Inorganic	GELC	CAMO-15-102596	08/14/15	MCOI-5	689.04	699
2015-2166	Inorganic	GELC	CAMO-15-102572	08/14/15	MCOI-5	689.04	699
2015-2191	Inorganic	GELC	CASA-15-102654	08/18/15	R-43 S2	969.1	979.1
2015-2191	Inorganic	GELC	CASA-15-102640	08/18/15	R-43 S2	969.1	979.1
2015-2207	Inorganic	GELC	CASA-15-102653	08/19/15	R-43 S1	903.9	924.6
2015-2207	Inorganic	GELC	CASA-15-102639	08/19/15	R-43 S1	903.9	924.6

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

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

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

[d] Rad = Radiochemistry (not gamma).