LA-UR-13-28269
November 2013
EP2013-0243

Periodic Monitoring Report for Chromium Investigation Monitoring Group, May 6–May 22, 2013



Prepared by the Environmental Programs Directorate

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EP2013-0243

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November 2013

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2013, third 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 2013 Monitoring Year, October 2012–September 2013, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from May 6 to May 22, 2013, 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; high explosives; radionuclides, including low-level tritium; general inorganic chemicals, including perchlorate; stable isotopes; and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

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

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

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Acronyms and Abbreviations

amsl	above mean sea level
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
gpm	gallons per minute
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MCPA	2-methyl-4-chlorophenoxyacetic acid
MCPP	2-(4-chloro-2-methylphenoxy)propanoic acid
MDL	method detection limit
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
PQL	practical quantitation limit
QC	quality control
RLWTF	Radioactive Liquid Waste Treatment Facility
RPF	Records Processing Facility
SOP	standard operating procedure
TA	technical area
UF	unfiltered
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of fiscal year 2013, third 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 2013 Monitoring Year, October 2012–September 2013 (2013 IFGMP) (LANL 2012, 225493), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from May 6 to May 22, 2013, 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 volumes were considerably reduced or eliminated in 2010 and 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 and areas of concern are located within these TAs.

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.

Chromium concentrations exceed the NMED groundwater standard in Mortandad Canyon regional aquifer wells R-28, R-62, R-42, and R-50. Other constituents detected above background in wells in the monitoring group include nitrate, perchlorate, 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 2013 IFGMP (LANL 2012, 225493).

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 2013 IFGMP (LANL 2012, 225493).

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 PME. Table 3.4-2 presents a list of analytes for which the practical quantitation limits (PQLs) are greater than screening levels.

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 2013 IFGMP (LANL 2012, 225493). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.3, Land Application of Groundwater. ENV-RCRA-QP-010.3 implements the NMED-approved Notice of Intent 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 available at http://www.lanl.gov/community-environment/environmental-stewardship/plans-procedures.php. 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.
- 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.
- 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 radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Guides (DCGs) for groundwater.

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 of a particular constituent at a location are counted as one result. For example, if aluminum is detected above a screening level in both a primary sample and a field duplicate, only the highest result is 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. 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 exceed their screening level 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.

For the current PME, the perchlorate concentrations for intermediate groundwater wells MCOI-5 and MCOI-6 were 81.7 µg/L and 63.3 µg/L, respectively, above the Consent Order screening level of 4 µg/L. The results from MCOI-5 since 2007 range between 68.7 µg/L and 105 µg/L. At MCOI-6, concentrations since 2007 have decreased from 190 µg/L to 56.3 µg/L.

In MCOI-6, the filtered chromium concentration of 73.2 µg/L was above the NMWQCC groundwater standard screening level of 50 µg/L. Concentrations since 2007 have increased from 29.4 µg/L. The current result is the highest measured at the well.

The filtered chromium result of 427 µg/L at intermediate well SCI-2 was above the NMWQCC groundwater standard screening level of 50 µg/L. Results since October 2008 have generally decreased from 658 µg/L. The current result is the lowest measured at the well.

The unfiltered 1,4-dioxane concentration of 7.57 µg/L in a sample from MCOI-6 was above the EPA tap water screening level of 6.7 µg/L. The current result is the lowest measured at the well and is estimated because it is near the 3.16-µg/L method detection limit (MDL). Other measurements made since 2006 range from 9.69 µg/L to 29.6 µg/L. Concentrations have decreased from 29.6 µg/L since August 2007.

The perchlorate concentration in regional well R-15 was 8.42 µg/L, above the Consent Order screening level of 4 µg/L. Other values from R-15 measured by the liquid chromatography/mass spectrometry method since 2003 range from 4.6 µg/L to 8.06 µg/L, though many are estimated. The current result is the highest measured at the well.

The perchlorate concentration in regional aquifer well R-61 S1 (screen 1) of 5.82 µg/L was also above the Consent Order screening level of 4 µg/L. Earlier measurements range from 2.96 µg/L to 7.37 µg/L.

In regional well R-28, the filtered chromium concentration was 404 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Other measurements since 2005 range from 310 µg/L to 472 µg/L and show no particular trend with time.

In regional well R-42, the filtered chromium concentration was 932 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Concentrations since 2008 range from 744 µg/L to 1240 µg/L.

At regional aquifer well R-43 S1, the filtered chromium concentration was 50.5 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 current result is the highest measured at the well and the first above the NMWQCC groundwater standard.

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. Values from earlier sampling events range from 49.8 µg/L to 99.8 µg/L. The current result is the highest measured at the well.

The filtered chromium concentration from regional aquifer well R-62 in a field duplicate sample was 139 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. The concentration in the primary sample was 131 µg/L. Previous results are between 123 µg/L and 198 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 both wells R-61 and R-62 are affected by impacts from drilling and well construction; therefore, data acquired from the wells may not be representative of aquifer conditions. With the exception of the first sampling round from R-61, data show elevated concentrations of dissolved iron and manganese and low concentrations of chromium, indicating reducing conditions in the vicinity of both well screens. The results from all but the first sampling round are therefore not representative of ambient groundwater conditions in the vicinity of the well. Following completion of redevelopment work on both screens in October 2012, the well has been sampled on a quarterly basis. The Laboratory is currently reviewing the history of postredevelopment data from R-61 to assess whether data from R-61 is representative and sufficient to support ongoing monitoring for the Chromium Investigation monitoring group.

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 reported in this PMR from previous sampling of PME monitoring locations were above screening levels. Twelve results from groundwater samples collected during this PME were above screening levels (Table 4.2-2).

For results above screening levels, except for the highest chromium concentrations at MCOI-6, R-43 S1, and R-50 S1 and the highest perchlorate concentration at R-15, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group.

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 deviations.

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. This information is also included in text citations. ER IDs are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the 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), September 2008. "Periodic Monitoring Report for White Rock Watershed, April 23–April 30, 2008," Los Alamos National Laboratory document LA-UR-08-5847, Los Alamos, New Mexico. (LANL 2008, 103737)

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), August 2012. "Interim Facility-Wide Groundwater Monitoring Plan for the 2013 Monitoring Year, October 2012–September 2013," Los Alamos National Laboratory document LA-UR-12-21331, Los Alamos, New Mexico. (LANL 2012, 225493)

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

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)

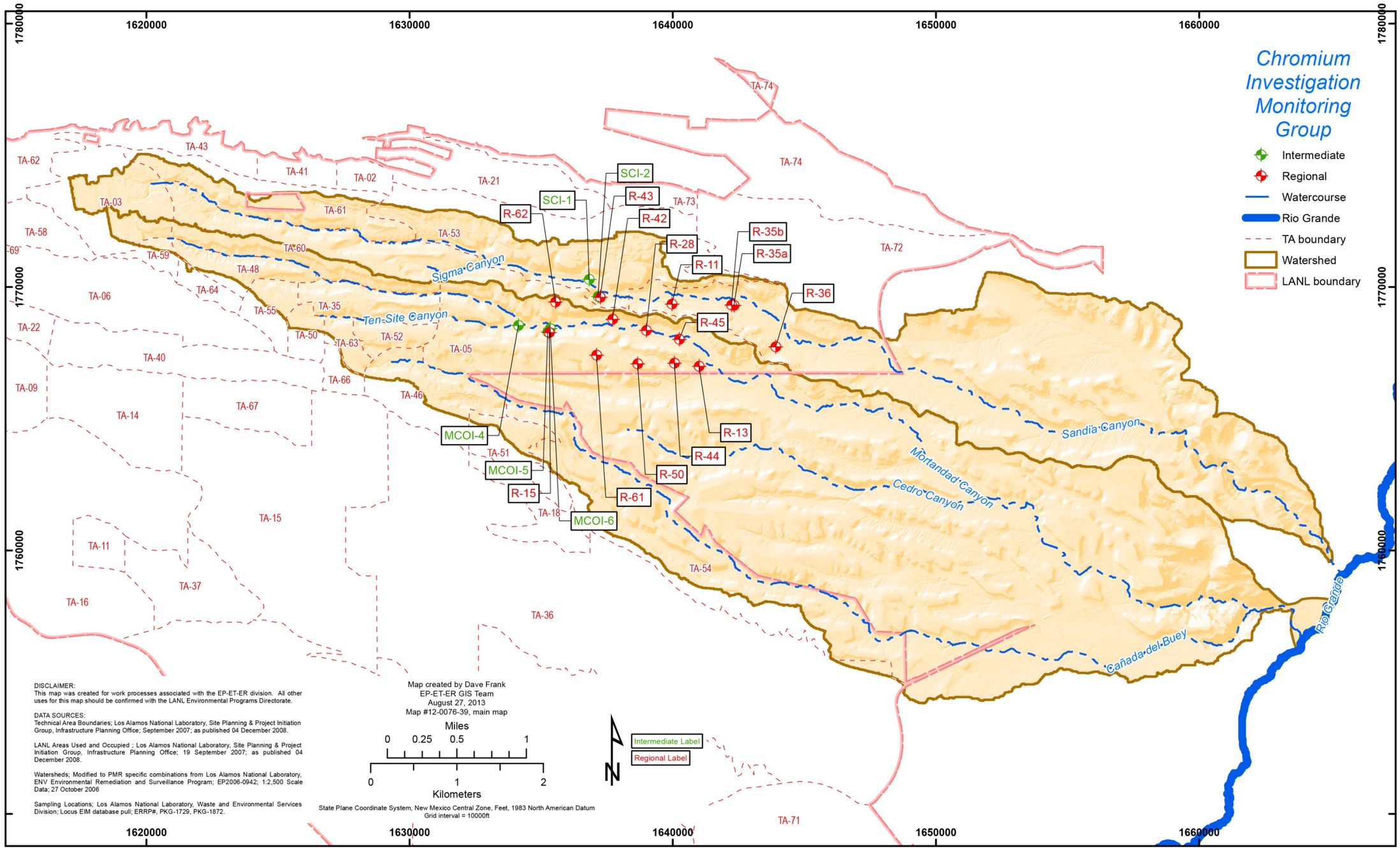


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1).

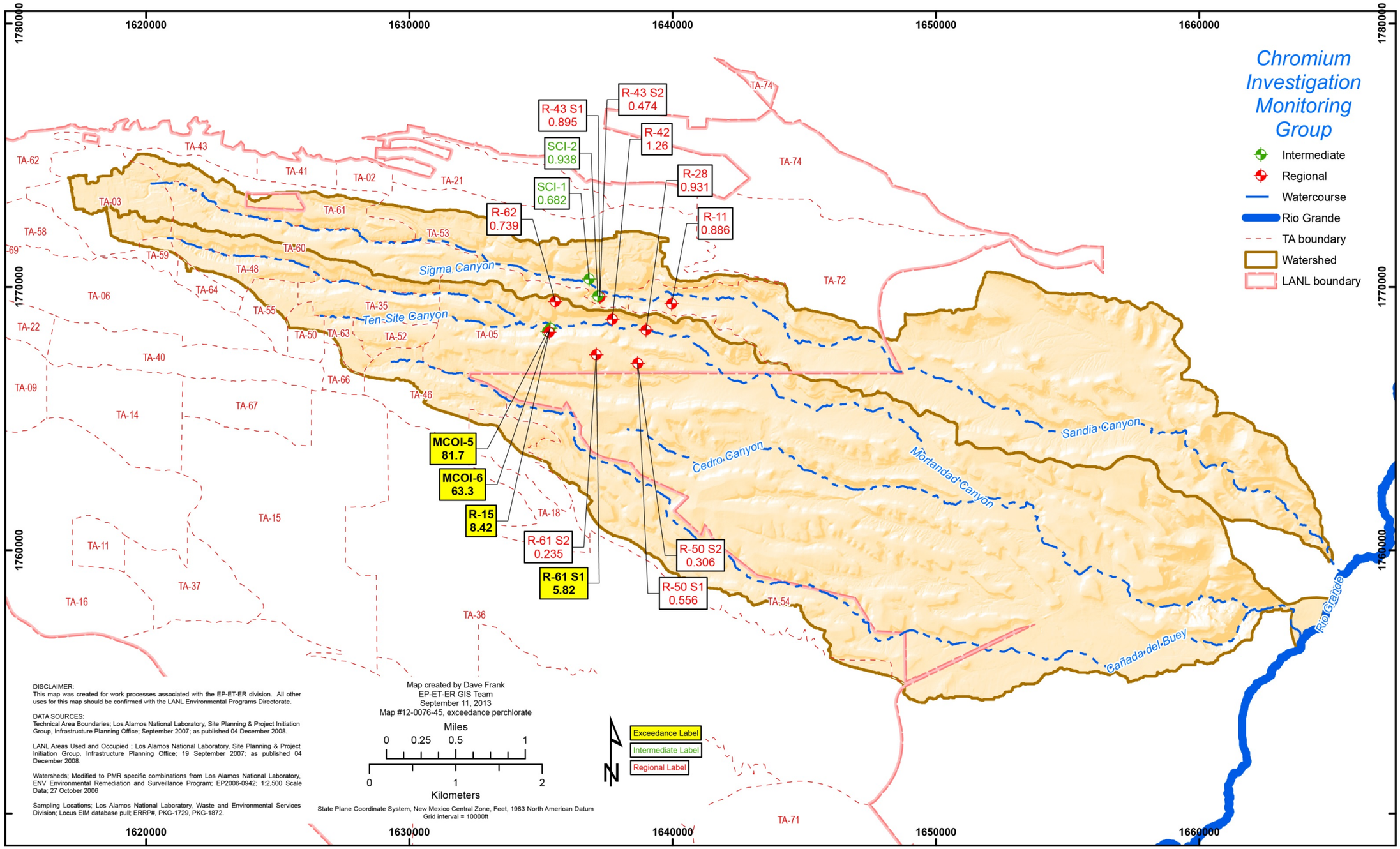


Figure 4.2-1 Monitoring group filtered perchlorate concentrations in µg/L. The Consent Order screening level is 4 µg/L.

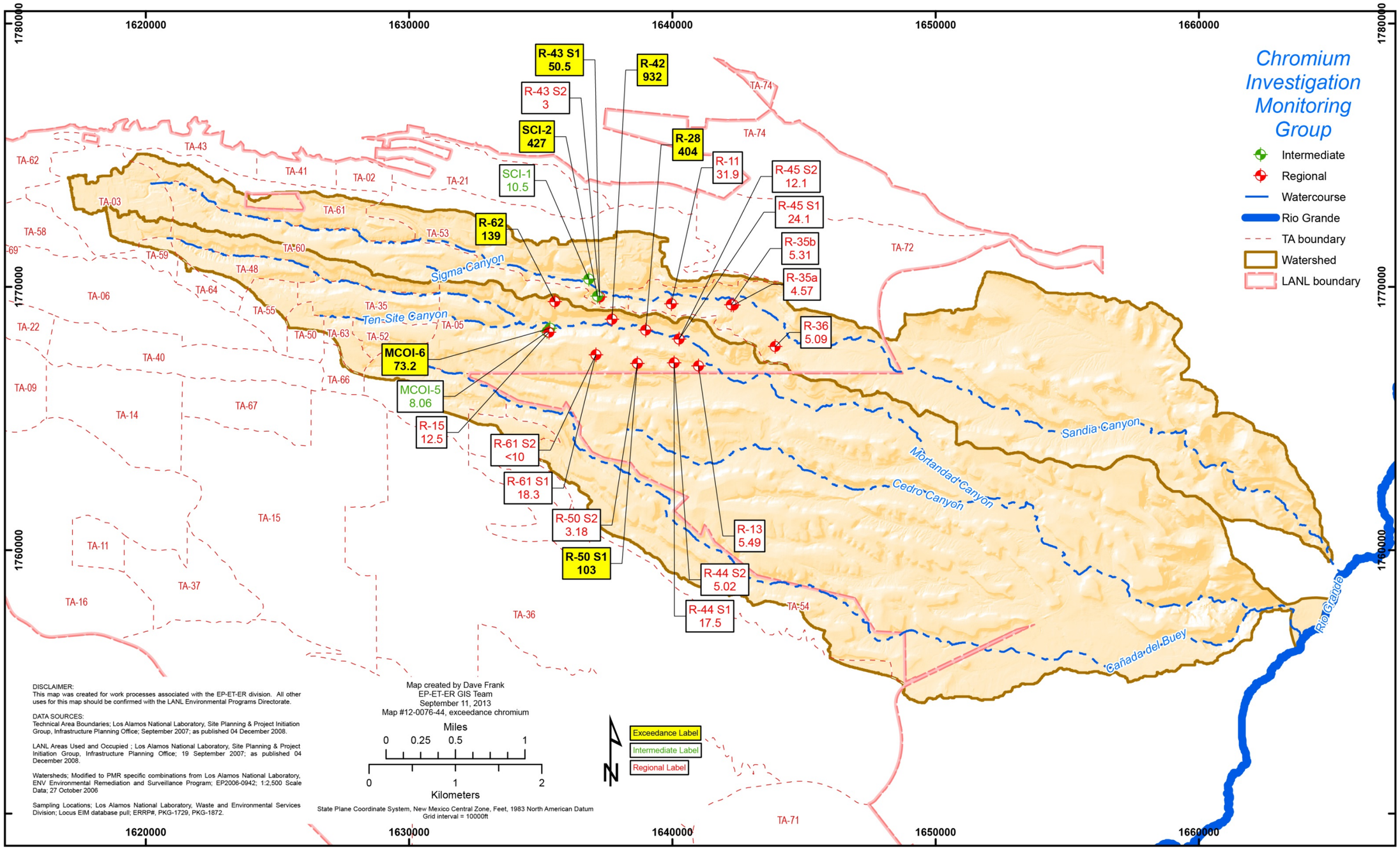


Figure 4.2-2 Monitoring group filtered chromium concentrations in µg/L. The NMWQCC groundwater standard screening level is 50 µg/L.

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	Dry[c]
MCOI-5	05/07/13	9.96	689.04	699	13.8	27	0.45
MCOI-6	05/08/13	22.3	686	708.3	45	136	1.66
SCI-1	05/17/13	19.5	358.4	377.9	6.5	12.6	0.6
SCI-2	05/21/13	20	548	568	7	26.4	0.44
Regional							
R-11	05/13/13	22.9	855	877.9	51.9	156	3.09
R-13	05/06/13	60.39	958.3	1018.7	156.6	470	7.14
R-15	05/06/13	61.7	958.6	1020.3	60.1	216	10.3
R-28	05/09/13	23.8	934.3	958.1	89.2	269	3.9
R-35a	05/16/13	49.1	1013.1	1062.2	238.2	718.2	3.8
R-35b	05/10/13	23.1	825.4	848.5	67	205	3.1
R-36	05/17/13	23	766.9	789.9	42	142.8	3.4
R-42	05/06/13	21.1	931.8	952.9	53.1	160	2.4
R-43 S1	05/15/13	20.7	903.9	924.6	66.5	200	1.31
R-43 S2	05/14/13	10	969.1	979.1	25.5	77	1.22
R-44 S1	05/09/13	10	895	905	56.9	171.6	3.3
R-44 S2	05/09/13	9.9	985.3	995.2	76.4	231	3.3
R-45 S1	05/09/13	10	880	890	52.4	157.2	3.59
R-45 S2	05/09/13	20	974.9	994.9	91.8	276	3.57
R-50 S1	05/10/13	10	1077	1087	50.7	165	2.5
R-50 S2	05/13/13	20.59	1185	1205.6	96.49	319	1.45
R-61 S1	05/16/13	10	1125	1135	60.8	183.5	2.14
R-61 S2	05/22/13	20.59	1220.4	1241	86.3	260	2.0
R-62	05/08/13	20.7	1158.4	1179.1	44.2	136	1.6

[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.	The location was not sampled because it was dry.	This location will be sampled during the next scheduled PME.

Table 3.4-2
Analytes with PQLs above Screening Levels

Analyte or CAS[a] No.	Analyte Name	MDL	PQL	Screening Level	Unit	Screening-Level Type
Herbicides						
94-74-6	MCPA[b]	12	53	18	µg/L	EPA Regional Tap
93-65-2	MCPP[c]	11	53	37	µg/L	EPA Regional Tap
Metals						
Be	Beryllium	1	5	4	µg/L	EPA MCL
Semivolatile Organic Compounds						
1912-24-9	Atrazine	3	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	3	10	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	2	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	2.9	µg/L	EPA Regional Tap
123-91-1	Dioxane[1,4-]	2	10	6.7	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	3	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane) [2,2'-]	2	10	3.2	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
108-95-2	Phenol	1	10	5	µg/L	NMWQCC Groundwater Standard

Table 3.4-2 (continued)

Analyte or CAS[a] No.	Analyte Name	MDL	PQL	Screening Level	Unit	Screening-Level Type
Volatile Organic Compounds						
107-02-8	Acrolein	1.3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.3	1	0.16	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-chloropropane[1,2-]	0.3	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
75-09-2	Methylene chloride	3	10	5	µg/L	EPA MCL
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

Note: This table is applicable to all samples reported in all PMRs.

[a] CAS = Chemical Abstracts Service.

[b] MCPA = 2-Methyl-4-chlorophenoxyacetic acid.

[c] MCPP = 2-(4-Chloro-2-methylphenoxy)propanoic acid.

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 5400.5	DOE BCGs	n/a[a]	X[b]
DOE Order 5400.5	DOE 100-mrem Public Dose DCG	X	n/a
DOE Order 5400.5	DOE 4-mrem Drinking Water DCG	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	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Acute	n/a	X
20 NMAC 6.4	NMWQCC Aquatic Life Standards Chronic	n/a	X
20 NMAC 6.4	NMWQCC 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.

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	05/07/13	Perchlorate	F[a]	81.7	µg/L	4	Consent Order
MCOI-6	05/08/13	Perchlorate	F	63.3	µg/L	4	Consent Order
MCOI-6	05/08/13	Chromium	F	73.2	µg/L	50	NMWQCC Groundwater Standard
SCI-2	05/21/13	Chromium	F	427	µg/L	50	NMWQCC Groundwater Standard
MCOI-6	05/08/13	Dioxane[1,4-]	UF[b]	7.57	µg/L	6.7	EPA Tap Water Screening Level
Regional Groundwater							
R-15	05/06/13	Perchlorate	F	8.42	µg/L	4	Consent Order
R-61 S1	05/17/13	Perchlorate	F	5.82	µg/L	4	Consent Order
R-28	05/06/13	Chromium	F	404	µg/L	50	NMWQCC Groundwater Standard
R-42	05/06/13	Chromium	F	932	µg/L	50	NMWQCC Groundwater Standard
R-43 S1	05/15/13	Chromium	F	50.5	µg/L	50	NMWQCC Groundwater Standard
R-50 S1	05/10/13	Chromium	F	103	µg/L	50	NMWQCC Groundwater Standard
R-62	05/08/13	Chromium	F	139	µg/L	50	NMWQCC Groundwater Standard

[a] F = Filtered.

[b] UF = Unfiltered.

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	05/07/13	WG[a]	Dissolved Oxygen	5.33	mg/L	CAMO-13-30572
MCOI-5	689.04	10/30/12	WG	Dissolved Oxygen	6.84	mg/L	CAMO-13-24238
MCOI-5	689.04	06/04/12	WG	Dissolved Oxygen	7.49	mg/L	CAMO-12-14070
MCOI-5	689.04	11/08/11	WG	Dissolved Oxygen	7.14	mg/L	CAMO-12-1465
MCOI-5	689.04	08/10/11	WG	Dissolved Oxygen	7.01	mg/L	CAMO-11-24627
MCOI-5	689.04	05/07/13	WG	Oxidation-Reduction Potential	234.1	mV	CAMO-13-30572
MCOI-5	689.04	10/30/12	WG	Oxidation-Reduction Potential	198.8	mV	CAMO-13-24238
MCOI-5	689.04	06/04/12	WG	Oxidation-Reduction Potential	234.1	mV	CAMO-12-14070
MCOI-5	689.04	11/08/11	WG	Oxidation-Reduction Potential	213.3	mV	CAMO-12-1465
MCOI-5	689.04	08/10/11	WG	Oxidation-Reduction Potential	236	mV	CAMO-11-24627
MCOI-5	689.04	05/07/13	WG	pH	8.49	SU[b]	CAMO-13-30572
MCOI-5	689.04	10/30/12	WG	pH	8.63	SU	CAMO-13-24238
MCOI-5	689.04	06/04/12	WG	pH	8.49	SU	CAMO-12-14070
MCOI-5	689.04	11/08/11	WG	pH	8.44	SU	CAMO-12-1465
MCOI-5	689.04	08/10/11	WG	pH	8.42	SU	CAMO-11-24627
MCOI-5	689.04	05/07/13	WG	Specific Conductance	208	µS/cm	CAMO-13-30572
MCOI-5	689.04	10/30/12	WG	Specific Conductance	196	µS/cm	CAMO-13-24238
MCOI-5	689.04	06/04/12	WG	Specific Conductance	182	µS/cm	CAMO-12-14070
MCOI-5	689.04	11/08/11	WG	Specific Conductance	191	µS/cm	CAMO-12-1465
MCOI-5	689.04	08/10/11	WG	Specific Conductance	199	µS/cm	CAMO-11-24627
MCOI-5	689.04	05/07/13	WG	Temperature	13.72	deg C	CAMO-13-30572
MCOI-5	689.04	10/30/12	WG	Temperature	13.14	deg C	CAMO-13-24238
MCOI-5	689.04	06/04/12	WG	Temperature	14.41	deg C	CAMO-12-14070
MCOI-5	689.04	11/08/11	WG	Temperature	11.72	deg C	CAMO-12-1465
MCOI-5	689.04	08/10/11	WG	Temperature	13.8	deg C	CAMO-11-24627
MCOI-5	689.04	05/07/13	WG	Turbidity	0.99	NTU[c]	CAMO-13-30572
MCOI-5	689.04	10/30/12	WG	Turbidity	0.33	NTU	CAMO-13-24238
MCOI-5	689.04	06/04/12	WG	Turbidity	0.66	NTU	CAMO-12-14070

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-5	689.04	11/08/11	WG	Turbidity	0.58	NTU	CAMO-12-1465
MCOI-5	689.04	08/10/11	WG	Turbidity	0.34	NTU	CAMO-11-24627
MCOI-6	686	05/08/13	WG	Dissolved Oxygen	7.51	mg/L	CAMO-13-30573
MCOI-6	686	02/05/13	WG	Dissolved Oxygen	7.14	mg/L	CAMO-13-28407
MCOI-6	686	11/02/12	WG	Dissolved Oxygen	7.18	mg/L	CAMO-13-24239
MCOI-6	686	08/17/12	WG	Dissolved Oxygen	7.1	mg/L	CAMO-12-21734
MCOI-6	686	06/04/12	WG	Dissolved Oxygen	6.97	mg/L	CAMO-12-14006
MCOI-6	686	05/08/13	WG	Oxidation-Reduction Potential	164.7	mV	CAMO-13-30573
MCOI-6	686	02/05/13	WG	Oxidation-Reduction Potential	126.8	mV	CAMO-13-28407
MCOI-6	686	11/02/12	WG	Oxidation-Reduction Potential	110.6	mV	CAMO-13-24239
MCOI-6	686	08/17/12	WG	Oxidation-Reduction Potential	104.5	mV	CAMO-12-21734
MCOI-6	686	06/04/12	WG	Oxidation-Reduction Potential	197.9	mV	CAMO-12-14006
MCOI-6	686	05/08/13	WG	pH	7.22	SU	CAMO-13-30573
MCOI-6	686	02/05/13	WG	pH	7.16	SU	CAMO-13-28407
MCOI-6	686	11/02/12	WG	pH	7.18	SU	CAMO-13-24239
MCOI-6	686	08/17/12	WG	pH	8.32	SU	CAMO-12-21734
MCOI-6	686	06/04/12	WG	pH	7.2	SU	CAMO-12-14006
MCOI-6	686	05/08/13	WG	Specific Conductance	596	µS/cm	CAMO-13-30573
MCOI-6	686	02/05/13	WG	Specific Conductance	565	µS/cm	CAMO-13-28407
MCOI-6	686	11/02/12	WG	Specific Conductance	623	µS/cm	CAMO-13-24239
MCOI-6	686	08/17/12	WG	Specific Conductance	594	µS/cm	CAMO-12-21734
MCOI-6	686	06/04/12	WG	Specific Conductance	599	µS/cm	CAMO-12-14006
MCOI-6	686	05/08/13	WG	Temperature	15.96	deg C	CAMO-13-30573
MCOI-6	686	02/05/13	WG	Temperature	14.81	deg C	CAMO-13-28407
MCOI-6	686	11/02/12	WG	Temperature	15.49	deg C	CAMO-13-24239
MCOI-6	686	08/17/12	WG	Temperature	15.97	deg C	CAMO-12-21734
MCOI-6	686	06/04/12	WG	Temperature	16.4	deg C	CAMO-12-14006
MCOI-6	686	05/08/13	WG	Turbidity	3.9	NTU	CAMO-13-30573

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-6	686	02/05/13	WG	Turbidity	0.45	NTU	CAMO-13-28407
MCOI-6	686	11/02/12	WG	Turbidity	0.43	NTU	CAMO-13-24239
MCOI-6	686	08/17/12	WG	Turbidity	0.53	NTU	CAMO-12-21734
MCOI-6	686	06/04/12	WG	Turbidity	0.42	NTU	CAMO-12-14006
R-11	855	05/13/13	WG	Dissolved Oxygen	7.45	mg/L	CASA-13-30542
R-11	855	02/04/13	WG	Dissolved Oxygen	7.48	mg/L	CASA-13-28357
R-11	855	11/05/12	WG	Dissolved Oxygen	7.17	mg/L	CASA-13-24209
R-11	855	08/17/12	WG	Dissolved Oxygen	7.54	mg/L	CASA-12-21643
R-11	855	05/21/12	WG	Dissolved Oxygen	7.11	mg/L	CASA-12-14057
R-11	855	05/21/12	WG	Dissolved Oxygen	7.11	mg/L	CASA-12-14062
R-11	855	05/13/13	WG	Oxidation-Reduction Potential	190.7	mV	CASA-13-30542
R-11	855	02/04/13	WG	Oxidation-Reduction Potential	94.7	mV	CASA-13-28357
R-11	855	11/05/12	WG	Oxidation-Reduction Potential	100.3	mV	CASA-13-24209
R-11	855	08/17/12	WG	Oxidation-Reduction Potential	227.5	mV	CASA-12-21643
R-11	855	05/21/12	WG	Oxidation-Reduction Potential	224.8	mV	CASA-12-14057
R-11	855	05/21/12	WG	Oxidation-Reduction Potential	224.8	mV	CASA-12-14062
R-11	855	05/13/13	WG	pH	7.96	SU	CASA-13-30542
R-11	855	02/04/13	WG	pH	7.95	SU	CASA-13-28357
R-11	855	11/05/12	WG	pH	8.04	SU	CASA-13-24209
R-11	855	08/17/12	WG	pH	7.98	SU	CASA-12-21643
R-11	855	05/21/12	WG	pH	8.03	SU	CASA-12-14057
R-11	855	05/21/12	WG	pH	8.03	SU	CASA-12-14062
R-11	855	05/13/13	WG	Specific Conductance	237	µS/cm	CASA-13-30542
R-11	855	02/04/13	WG	Specific Conductance	227	µS/cm	CASA-13-28357
R-11	855	11/05/12	WG	Specific Conductance	226	µS/cm	CASA-13-24209
R-11	855	08/17/12	WG	Specific Conductance	234	µS/cm	CASA-12-21643
R-11	855	05/21/12	WG	Specific Conductance	230	µS/cm	CASA-12-14057
R-11	855	05/21/12	WG	Specific Conductance	230	µS/cm	CASA-12-14062

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-11	855	05/13/13	WG	Temperature	22.54	deg C	CASA-13-30542
R-11	855	02/04/13	WG	Temperature	21.15	deg C	CASA-13-28357
R-11	855	11/05/12	WG	Temperature	21.38	deg C	CASA-13-24209
R-11	855	08/17/12	WG	Temperature	21.38	deg C	CASA-12-21643
R-11	855	05/21/12	WG	Temperature	21.87	deg C	CASA-12-14057
R-11	855	05/21/12	WG	Temperature	21.87	deg C	CASA-12-14062
R-11	855	05/13/13	WG	Turbidity	0.4	NTU	CASA-13-30542
R-11	855	02/04/13	WG	Turbidity	0.28	NTU	CASA-13-28357
R-11	855	11/05/12	WG	Turbidity	0.34	NTU	CASA-13-24209
R-11	855	08/17/12	WG	Turbidity	0.17	NTU	CASA-12-21643
R-11	855	05/21/12	WG	Turbidity	0.2	NTU	CASA-12-14057
R-11	855	05/21/12	WG	Turbidity	0.2	NTU	CASA-12-14062
R-13	958.33	05/06/13	WG	Dissolved Oxygen	6.58	mg/L	CAMO-13-30590
R-13	958.33	10/31/12	WG	Dissolved Oxygen	6.36	mg/L	CAMO-13-24258
R-13	958.33	06/05/12	WG	Dissolved Oxygen	6.34	mg/L	CAMO-12-17126
R-13	958.33	11/22/11	WG	Dissolved Oxygen	6.29	mg/L	CAMO-12-1480
R-13	958.33	08/01/11	WG	Dissolved Oxygen	6.59	mg/L	CAMO-11-24633
R-13	958.33	05/06/13	WG	Oxidation-Reduction Potential	271.4	mV	CAMO-13-30590
R-13	958.33	10/31/12	WG	Oxidation-Reduction Potential	217.2	mV	CAMO-13-24258
R-13	958.33	06/05/12	WG	Oxidation-Reduction Potential	250.7	mV	CAMO-12-17126
R-13	958.33	11/22/11	WG	Oxidation-Reduction Potential	194.9	mV	CAMO-12-1480
R-13	958.33	08/01/11	WG	Oxidation-Reduction Potential	82.5	mV	CAMO-11-24633
R-13	958.33	05/06/13	WG	pH	7.96	SU	CAMO-13-30590
R-13	958.33	10/31/12	WG	pH	8.21	SU	CAMO-13-24258
R-13	958.33	06/05/12	WG	pH	8.23	SU	CAMO-12-17126
R-13	958.33	11/22/11	WG	pH	8.29	SU	CAMO-12-1480
R-13	958.33	08/01/11	WG	pH	8.21	SU	CAMO-11-24633
R-13	958.33	05/06/13	WG	Specific Conductance	143	µS/cm	CAMO-13-30590

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-13	958.33	10/31/12	WG	Specific Conductance	146	µS/cm	CAMO-13-24258
R-13	958.33	06/05/12	WG	Specific Conductance	143	µS/cm	CAMO-12-17126
R-13	958.33	11/22/11	WG	Specific Conductance	141	µS/cm	CAMO-12-1480
R-13	958.33	08/01/11	WG	Specific Conductance	143	µS/cm	CAMO-11-24633
R-13	958.33	05/06/13	WG	Temperature	21.08	deg C	CAMO-13-30590
R-13	958.33	10/31/12	WG	Temperature	21.4	deg C	CAMO-13-24258
R-13	958.33	06/05/12	WG	Temperature	21.85	deg C	CAMO-12-17126
R-13	958.33	11/22/11	WG	Temperature	20.78	deg C	CAMO-12-1480
R-13	958.33	08/01/11	WG	Temperature	22.01	deg C	CAMO-11-24633
R-13	958.33	05/06/13	WG	Turbidity	0.26	NTU	CAMO-13-30590
R-13	958.33	10/31/12	WG	Turbidity	0.29	NTU	CAMO-13-24258
R-13	958.33	06/05/12	WG	Turbidity	0.24	NTU	CAMO-12-17126
R-13	958.33	11/22/11	WG	Turbidity	0.42	NTU	CAMO-12-1480
R-13	958.33	08/01/11	WG	Turbidity	0.28	NTU	CAMO-11-24633
R-15	958.6	05/06/13	WG	Dissolved Oxygen	7	mg/L	CAMO-13-30575
R-15	958.6	10/31/12	WG	Dissolved Oxygen	7.05	mg/L	CAMO-13-24242
R-15	958.6	05/29/12	WG	Dissolved Oxygen	7.18	mg/L	CAMO-12-14007
R-15	958.6	11/10/11	WG	Dissolved Oxygen	7.16	mg/L	CAMO-12-1485
R-15	958.6	08/15/11	WG	Dissolved Oxygen	6.6	mg/L	CAMO-11-24636
R-15	958.6	05/06/13	WG	Oxidation-Reduction Potential	229.2	mV	CAMO-13-30575
R-15	958.6	10/31/12	WG	Oxidation-Reduction Potential	119.1	mV	CAMO-13-24242
R-15	958.6	05/29/12	WG	Oxidation-Reduction Potential	189.7	mV	CAMO-12-14007
R-15	958.6	11/10/11	WG	Oxidation-Reduction Potential	225.4	mV	CAMO-12-1485
R-15	958.6	08/15/11	WG	Oxidation-Reduction Potential	37.9	mV	CAMO-11-24636
R-15	958.6	05/06/13	WG	pH	8.2	SU	CAMO-13-30575
R-15	958.6	10/31/12	WG	pH	8.23	SU	CAMO-13-24242
R-15	958.6	05/29/12	WG	pH	8.02	SU	CAMO-12-14007
R-15	958.6	11/10/11	WG	pH	8.24	SU	CAMO-12-1485

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-15	958.6	08/15/11	WG	pH	8.6	SU	CAMO-11-24636
R-15	958.6	05/06/13	WG	Specific Conductance	156	µS/cm	CAMO-13-30575
R-15	958.6	10/31/12	WG	Specific Conductance	150	µS/cm	CAMO-13-24242
R-15	958.6	05/29/12	WG	Specific Conductance	152	µS/cm	CAMO-12-14007
R-15	958.6	11/10/11	WG	Specific Conductance	157	µS/cm	CAMO-12-1485
R-15	958.6	08/15/11	WG	Specific Conductance	185	µS/cm	CAMO-11-24636
R-15	958.6	05/06/13	WG	Temperature	19.32	deg C	CAMO-13-30575
R-15	958.6	10/31/12	WG	Temperature	16.45	deg C	CAMO-13-24242
R-15	958.6	05/29/12	WG	Temperature	20.25	deg C	CAMO-12-14007
R-15	958.6	11/10/11	WG	Temperature	18.75	deg C	CAMO-12-1485
R-15	958.6	08/15/11	WG	Temperature	20.24	deg C	CAMO-11-24636
R-15	958.6	05/06/13	WG	Turbidity	1.2	NTU	CAMO-13-30575
R-15	958.6	10/31/12	WG	Turbidity	2.31	NTU	CAMO-13-24242
R-15	958.6	05/29/12	WG	Turbidity	2.78	NTU	CAMO-12-14007
R-15	958.6	11/10/11	WG	Turbidity	2.33	NTU	CAMO-12-1485
R-15	958.6	08/15/11	WG	Turbidity	2.93	NTU	CAMO-11-24636
R-28	934.3	05/06/13	WG	Dissolved Oxygen	6.51	mg/L	CAMO-13-30576
R-28	934.3	02/01/13	WG	Dissolved Oxygen	6.58	mg/L	CAMO-13-28408
R-28	934.3	10/31/12	WG	Dissolved Oxygen	6.55	mg/L	CAMO-13-24260
R-28	934.3	08/08/12	WG	Dissolved Oxygen	6.72	mg/L	CAMO-12-21735
R-28	934.3	05/24/12	WG	Dissolved Oxygen	6.49	mg/L	CAMO-12-14023
R-28	934.3	05/06/13	WG	Oxidation-Reduction Potential	247.3	mV	CAMO-13-30576
R-28	934.3	02/01/13	WG	Oxidation-Reduction Potential	53.5	mV	CAMO-13-28408
R-28	934.3	10/31/12	WG	Oxidation-Reduction Potential	183.7	mV	CAMO-13-24260
R-28	934.3	08/08/12	WG	Oxidation-Reduction Potential	220.8	mV	CAMO-12-21735
R-28	934.3	05/24/12	WG	Oxidation-Reduction Potential	207.4	mV	CAMO-12-14023
R-28	934.3	05/06/13	WG	pH	7.65	SU	CAMO-13-30576
R-28	934.3	02/01/13	WG	pH	7.68	SU	CAMO-13-28408

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-28	934.3	10/31/12	WG	pH	7.63	SU	CAMO-13-24260
R-28	934.3	08/08/12	WG	pH	7.56	SU	CAMO-12-21735
R-28	934.3	05/24/12	WG	pH	7.54	SU	CAMO-12-14023
R-28	934.3	05/06/13	WG	Specific Conductance	416	µS/cm	CAMO-13-30576
R-28	934.3	02/01/13	WG	Specific Conductance	412	µS/cm	CAMO-13-28408
R-28	934.3	10/31/12	WG	Specific Conductance	435	µS/cm	CAMO-13-24260
R-28	934.3	08/08/12	WG	Specific Conductance	421	µS/cm	CAMO-12-21735
R-28	934.3	05/24/12	WG	Specific Conductance	417	µS/cm	CAMO-12-14023
R-28	934.3	05/06/13	WG	Temperature	20.22	deg C	CAMO-13-30576
R-28	934.3	02/01/13	WG	Temperature	19.17	deg C	CAMO-13-28408
R-28	934.3	10/31/12	WG	Temperature	20.48	deg C	CAMO-13-24260
R-28	934.3	08/08/12	WG	Temperature	21.17	deg C	CAMO-12-21735
R-28	934.3	05/24/12	WG	Temperature	21.21	deg C	CAMO-12-14023
R-28	934.3	05/06/13	WG	Turbidity	0.1	NTU	CAMO-13-30576
R-28	934.3	02/01/13	WG	Turbidity	0.46	NTU	CAMO-13-28408
R-28	934.3	10/31/12	WG	Turbidity	0.45	NTU	CAMO-13-24260
R-28	934.3	08/08/12	WG	Turbidity	0.65	NTU	CAMO-12-21735
R-28	934.3	05/24/12	WG	Turbidity	0.69	NTU	CAMO-12-14023
R-35a	1013.1	05/17/13	WG	Dissolved Oxygen	5.03	mg/L	CASA-13-30543
R-35a	1013.1	11/13/12	WG	Dissolved Oxygen	4.9	mg/L	CASA-13-24210
R-35a	1013.1	06/05/12	WG	Dissolved Oxygen	4.93	mg/L	CASA-12-17133
R-35a	1013.1	11/17/11	WG	Dissolved Oxygen	4.71	mg/L	CASA-12-1383
R-35a	1013.1	08/17/11	WG	Dissolved Oxygen	5.12	mg/L	CASA-11-24781
R-35a	1013.1	05/17/13	WG	Oxidation-Reduction Potential	81.4	mV	CASA-13-30543
R-35a	1013.1	11/13/12	WG	Oxidation-Reduction Potential	169.8	mV	CASA-13-24210
R-35a	1013.1	06/05/12	WG	Oxidation-Reduction Potential	312.5	mV	CASA-12-17133
R-35a	1013.1	11/17/11	WG	Oxidation-Reduction Potential	169.2	mV	CASA-12-1383
R-35a	1013.1	08/17/11	WG	Oxidation-Reduction Potential	225.8	mV	CASA-11-24781

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35a	1013.1	05/17/13	WG	pH	8.05	SU	CASA-13-30543
R-35a	1013.1	11/13/12	WG	pH	8.08	SU	CASA-13-24210
R-35a	1013.1	06/05/12	WG	pH	7.47	SU	CASA-12-17133
R-35a	1013.1	11/17/11	WG	pH	8.02	SU	CASA-12-1383
R-35a	1013.1	08/17/11	WG	pH	8	SU	CASA-11-24781
R-35a	1013.1	05/17/13	WG	Specific Conductance	242	µS/cm	CASA-13-30543
R-35a	1013.1	11/13/12	WG	Specific Conductance	241	µS/cm	CASA-13-24210
R-35a	1013.1	06/05/12	WG	Specific Conductance	242	µS/cm	CASA-12-17133
R-35a	1013.1	11/17/11	WG	Specific Conductance	243	µS/cm	CASA-12-1383
R-35a	1013.1	08/17/11	WG	Specific Conductance	247	µS/cm	CASA-11-24781
R-35a	1013.1	05/17/13	WG	Temperature	24.66	deg C	CASA-13-30543
R-35a	1013.1	11/13/12	WG	Temperature	22.66	deg C	CASA-13-24210
R-35a	1013.1	06/05/12	WG	Temperature	24.36	deg C	CASA-12-17133
R-35a	1013.1	11/17/11	WG	Temperature	23.44	deg C	CASA-12-1383
R-35a	1013.1	08/17/11	WG	Temperature	24.23	deg C	CASA-11-24781
R-35a	1013.1	05/17/13	WG	Turbidity	1.97	NTU	CASA-13-30543
R-35a	1013.1	11/13/12	WG	Turbidity	1.08	NTU	CASA-13-24210
R-35a	1013.1	06/05/12	WG	Turbidity	1.9	NTU	CASA-12-17133
R-35a	1013.1	11/17/11	WG	Turbidity	0.95	NTU	CASA-12-1383
R-35a	1013.1	08/17/11	WG	Turbidity	0.66	NTU	CASA-11-24781
R-35b	825.4	05/10/13	WG	Dissolved Oxygen	5.85	mg/L	CASA-13-30544
R-35b	825.4	11/14/12	WG	Dissolved Oxygen	6.14	mg/L	CASA-13-24211
R-35b	825.4	06/06/12	WG	Dissolved Oxygen	6.06	mg/L	CASA-12-17134
R-35b	825.4	11/09/11	WG	Dissolved Oxygen	6.27	mg/L	CASA-12-1387
R-35b	825.4	08/12/11	WG	Dissolved Oxygen	5.92	mg/L	CASA-11-24783
R-35b	825.4	05/10/13	WG	Oxidation-Reduction Potential	238.2	mV	CASA-13-30544
R-35b	825.4	11/14/12	WG	Oxidation-Reduction Potential	188.4	mV	CASA-13-24211
R-35b	825.4	06/06/12	WG	Oxidation-Reduction Potential	232.7	mV	CASA-12-17134

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35b	825.4	11/09/11	WG	Oxidation-Reduction Potential	191.7	mV	CASA-12-1387
R-35b	825.4	08/12/11	WG	Oxidation-Reduction Potential	67.4	mV	CASA-11-24783
R-35b	825.4	05/10/13	WG	pH	7.48	SU	CASA-13-30544
R-35b	825.4	11/14/12	WG	pH	7.66	SU	CASA-13-24211
R-35b	825.4	06/06/12	WG	pH	7.5	SU	CASA-12-17134
R-35b	825.4	11/09/11	WG	pH	7.62	SU	CASA-12-1387
R-35b	825.4	08/12/11	WG	pH	7.68	SU	CASA-11-24783
R-35b	825.4	05/10/13	WG	Specific Conductance	172	µS/cm	CASA-13-30544
R-35b	825.4	11/14/12	WG	Specific Conductance	170	µS/cm	CASA-13-24211
R-35b	825.4	06/06/12	WG	Specific Conductance	174	µS/cm	CASA-12-17134
R-35b	825.4	11/09/11	WG	Specific Conductance	176	µS/cm	CASA-12-1387
R-35b	825.4	08/12/11	WG	Specific Conductance	177	µS/cm	CASA-11-24783
R-35b	825.4	05/10/13	WG	Temperature	21.33	deg C	CASA-13-30544
R-35b	825.4	11/14/12	WG	Temperature	21.07	deg C	CASA-13-24211
R-35b	825.4	06/06/12	WG	Temperature	22.09	deg C	CASA-12-17134
R-35b	825.4	11/09/11	WG	Temperature	20.54	deg C	CASA-12-1387
R-35b	825.4	08/12/11	WG	Temperature	21.8	deg C	CASA-11-24783
R-35b	825.4	05/10/13	WG	Turbidity	0.44	NTU	CASA-13-30544
R-35b	825.4	11/14/12	WG	Turbidity	0.51	NTU	CASA-13-24211
R-35b	825.4	06/06/12	WG	Turbidity	0.41	NTU	CASA-12-17134
R-35b	825.4	11/09/11	WG	Turbidity	0.56	NTU	CASA-12-1387
R-35b	825.4	08/12/11	WG	Turbidity	0.42	NTU	CASA-11-24783
R-36	766.9	05/17/13	WG	Dissolved Oxygen	5.76	mg/L	CASA-13-30545
R-36	766.9	11/14/12	WG	Dissolved Oxygen	5.97	mg/L	CASA-13-24212
R-36	766.9	05/30/12	WG	Dissolved Oxygen	6.08	mg/L	CASA-12-17135
R-36	766.9	03/08/12	WG	Dissolved Oxygen	6.14	mg/L	CASA-12-12037
R-36	766.9	11/16/11	WG	Dissolved Oxygen	6.22	mg/L	CASA-12-1388
R-36	766.9	05/17/13	WG	Oxidation-Reduction Potential	105.8	mV	CASA-13-30545

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-36	766.9	11/14/12	WG	Oxidation-Reduction Potential	208.7	mV	CASA-13-24212
R-36	766.9	05/30/12	WG	Oxidation-Reduction Potential	245.9	mV	CASA-12-17135
R-36	766.9	03/08/12	WG	Oxidation-Reduction Potential	167.6	mV	CASA-12-12037
R-36	766.9	11/16/11	WG	Oxidation-Reduction Potential	165	mV	CASA-12-1388
R-36	766.9	05/17/13	WG	pH	7.27	SU	CASA-13-30545
R-36	766.9	11/14/12	WG	pH	7.33	SU	CASA-13-24212
R-36	766.9	05/30/12	WG	pH	7.4	SU	CASA-12-17135
R-36	766.9	03/08/12	WG	pH	7.32	SU	CASA-12-12037
R-36	766.9	11/16/11	WG	pH	7.37	SU	CASA-12-1388
R-36	766.9	05/17/13	WG	Specific Conductance	192	µS/cm	CASA-13-30545
R-36	766.9	11/14/12	WG	Specific Conductance	195	µS/cm	CASA-13-24212
R-36	766.9	05/30/12	WG	Specific Conductance	195	µS/cm	CASA-12-17135
R-36	766.9	11/16/11	WG	Specific Conductance	194	µS/cm	CASA-12-1388
R-36	766.9	08/15/11	WG	Specific Conductance	195	µS/cm	CASA-11-24789
R-36	766.9	05/17/13	WG	Temperature	21.4	deg C	CASA-13-30545
R-36	766.9	11/14/12	WG	Temperature	19.84	deg C	CASA-13-24212
R-36	766.9	05/30/12	WG	Temperature	20.87	deg C	CASA-12-17135
R-36	766.9	03/08/12	WG	Temperature	19.28	deg C	CASA-12-12037
R-36	766.9	11/16/11	WG	Temperature	20.45	deg C	CASA-12-1388
R-36	766.9	05/17/13	WG	Turbidity	1.08	NTU	CASA-13-30545
R-36	766.9	11/14/12	WG	Turbidity	0.89	NTU	CASA-13-24212
R-36	766.9	05/30/12	WG	Turbidity	0.89	NTU	CASA-12-17135
R-36	766.9	03/08/12	WG	Turbidity	0.8	NTU	CASA-12-12037
R-36	766.9	11/16/11	WG	Turbidity	1	NTU	CASA-12-1388
R-42	931.8	05/06/13	WG	Dissolved Oxygen	6.83	mg/L	CAMO-13-30577
R-42	931.8	02/01/13	WG	Dissolved Oxygen	7.2	mg/L	CAMO-13-28409
R-42	931.8	10/31/12	WG	Dissolved Oxygen	6.99	mg/L	CAMO-13-24244
R-42	931.8	08/08/12	WG	Dissolved Oxygen	6.82	mg/L	CAMO-12-21736

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-42	931.8	05/23/12	WG	Dissolved Oxygen	6.84	mg/L	CAMO-12-14009
R-42	931.8	05/06/13	WG	Oxidation-Reduction Potential	274.6	mV	CAMO-13-30577
R-42	931.8	02/01/13	WG	Oxidation-Reduction Potential	208.4	mV	CAMO-13-28409
R-42	931.8	10/31/12	WG	Oxidation-Reduction Potential	114.4	mV	CAMO-13-24244
R-42	931.8	08/08/12	WG	Oxidation-Reduction Potential	227	mV	CAMO-12-21736
R-42	931.8	05/23/12	WG	Oxidation-Reduction Potential	243.2	mV	CAMO-12-14009
R-42	931.8	05/06/13	WG	pH	7.36	SU	CAMO-13-30577
R-42	931.8	02/01/13	WG	pH	7.75	SU	CAMO-13-28409
R-42	931.8	10/31/12	WG	pH	7.48	SU	CAMO-13-24244
R-42	931.8	08/08/12	WG	pH	7.36	SU	CAMO-12-21736
R-42	931.8	05/23/12	WG	pH	7.5	SU	CAMO-12-14009
R-42	931.8	05/06/13	WG	Specific Conductance	502	µS/cm	CAMO-13-30577
R-42	931.8	02/01/13	WG	Specific Conductance	495	µS/cm	CAMO-13-28409
R-42	931.8	10/31/12	WG	Specific Conductance	480	µS/cm	CAMO-13-24244
R-42	931.8	08/08/12	WG	Specific Conductance	488	µS/cm	CAMO-12-21736
R-42	931.8	05/23/12	WG	Specific Conductance	486	µS/cm	CAMO-12-14009
R-42	931.8	05/06/13	WG	Temperature	19.48	deg C	CAMO-13-30577
R-42	931.8	02/01/13	WG	Temperature	19.72	deg C	CAMO-13-28409
R-42	931.8	10/31/12	WG	Temperature	19.49	deg C	CAMO-13-24244
R-42	931.8	08/08/12	WG	Temperature	21.18	deg C	CAMO-12-21736
R-42	931.8	05/23/12	WG	Temperature	20.69	deg C	CAMO-12-14009
R-42	931.8	05/06/13	WG	Turbidity	1.05	NTU	CAMO-13-30577
R-42	931.8	02/01/13	WG	Turbidity	0.58	NTU	CAMO-13-28409
R-42	931.8	10/31/12	WG	Turbidity	1.79	NTU	CAMO-13-24244
R-42	931.8	08/08/12	WG	Turbidity	0.66	NTU	CAMO-12-21736
R-42	931.8	05/23/12	WG	Turbidity	1.42	NTU	CAMO-12-14009
R-43 S1	903.9	05/15/13	WG	Dissolved Oxygen	6.81	mg/L	CASA-13-30554
R-43 S1	903.9	02/06/13	WG	Dissolved Oxygen	7.07	mg/L	CASA-13-28358

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S1	903.9	11/07/12	WG	Dissolved Oxygen	6.88	mg/L	CASA-13-24213
R-43 S1	903.9	08/14/12	WG	Dissolved Oxygen	6.86	mg/L	CASA-12-21644
R-43 S1	903.9	05/22/12	WG	Dissolved Oxygen	7.05	mg/L	CASA-12-14058
R-43 S1	903.9	05/15/13	WG	Oxidation-Reduction Potential	223.4	mV	CASA-13-30554
R-43 S1	903.9	02/06/13	WG	Oxidation-Reduction Potential	166.1	mV	CASA-13-28358
R-43 S1	903.9	11/07/12	WG	Oxidation-Reduction Potential	83.3	mV	CASA-13-24213
R-43 S1	903.9	08/14/12	WG	Oxidation-Reduction Potential	244.2	mV	CASA-12-21644
R-43 S1	903.9	05/22/12	WG	Oxidation-Reduction Potential	229.9	mV	CASA-12-14058
R-43 S1	903.9	05/15/13	WG	pH	8.17	SU	CASA-13-30554
R-43 S1	903.9	02/06/13	WG	pH	8.22	SU	CASA-13-28358
R-43 S1	903.9	11/07/12	WG	pH	8.23	SU	CASA-13-24213
R-43 S1	903.9	08/14/12	WG	pH	8.12	SU	CASA-12-21644
R-43 S1	903.9	05/22/12	WG	pH	8.2	SU	CASA-12-14058
R-43 S1	903.9	05/15/13	WG	Specific Conductance	183	µS/cm	CASA-13-30554
R-43 S1	903.9	02/06/13	WG	Specific Conductance	180	µS/cm	CASA-13-28358
R-43 S1	903.9	11/07/12	WG	Specific Conductance	176	µS/cm	CASA-13-24213
R-43 S1	903.9	08/14/12	WG	Specific Conductance	181	µS/cm	CASA-12-21644
R-43 S1	903.9	05/22/12	WG	Specific Conductance	173	µS/cm	CASA-12-14058
R-43 S1	903.9	05/15/13	WG	Temperature	20.16	deg C	CASA-13-30554
R-43 S1	903.9	02/06/13	WG	Temperature	18.9	deg C	CASA-13-28358
R-43 S1	903.9	11/07/12	WG	Temperature	20.18	deg C	CASA-13-24213
R-43 S1	903.9	08/14/12	WG	Temperature	20.4	deg C	CASA-12-21644
R-43 S1	903.9	05/22/12	WG	Temperature	20.85	deg C	CASA-12-14058
R-43 S1	903.9	05/15/13	WG	Turbidity	1.88	NTU	CASA-13-30554
R-43 S1	903.9	02/06/13	WG	Turbidity	0.39	NTU	CASA-13-28358
R-43 S1	903.9	11/07/12	WG	Turbidity	0.51	NTU	CASA-13-24213
R-43 S1	903.9	08/14/12	WG	Turbidity	0.35	NTU	CASA-12-21644
R-43 S1	903.9	05/22/12	WG	Turbidity	0.53	NTU	CASA-12-14058

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	05/14/13	WG	Dissolved Oxygen	3.11	mg/L	CASA-13-30547
R-43 S2	969.1	02/07/13	WG	Dissolved Oxygen	3.26	mg/L	CASA-13-28359
R-43 S2	969.1	11/07/12	WG	Dissolved Oxygen	3.07	mg/L	CASA-13-24214
R-43 S2	969.1	08/13/12	WG	Dissolved Oxygen	2.95	mg/L	CASA-12-21649
R-43 S2	969.1	05/22/12	WG	Dissolved Oxygen	3.09	mg/L	CASA-12-14059
R-43 S2	969.1	05/14/13	WG	Oxidation-Reduction Potential	168.7	mV	CASA-13-30547
R-43 S2	969.1	02/07/13	WG	Oxidation-Reduction Potential	58.4	mV	CASA-13-28359
R-43 S2	969.1	11/07/12	WG	Oxidation-Reduction Potential	60.9	mV	CASA-13-24214
R-43 S2	969.1	08/13/12	WG	Oxidation-Reduction Potential	161.5	mV	CASA-12-21649
R-43 S2	969.1	05/22/12	WG	Oxidation-Reduction Potential	202.6	mV	CASA-12-14059
R-43 S2	969.1	05/14/13	WG	pH	8.7	SU	CASA-13-30547
R-43 S2	969.1	02/07/13	WG	pH	8.78	SU	CASA-13-28359
R-43 S2	969.1	11/07/12	WG	pH	8.78	SU	CASA-13-24214
R-43 S2	969.1	08/13/12	WG	pH	8.71	SU	CASA-12-21649
R-43 S2	969.1	05/22/12	WG	pH	8.72	SU	CASA-12-14059
R-43 S2	969.1	05/14/13	WG	Specific Conductance	192	µS/cm	CASA-13-30547
R-43 S2	969.1	02/07/13	WG	Specific Conductance	183	µS/cm	CASA-13-28359
R-43 S2	969.1	11/07/12	WG	Specific Conductance	183	µS/cm	CASA-13-24214
R-43 S2	969.1	08/13/12	WG	Specific Conductance	191	µS/cm	CASA-12-21649
R-43 S2	969.1	05/22/12	WG	Specific Conductance	181	µS/cm	CASA-12-14059
R-43 S2	969.1	05/14/13	WG	Temperature	19.51	deg C	CASA-13-30547
R-43 S2	969.1	02/07/13	WG	Temperature	18.88	deg C	CASA-13-28359
R-43 S2	969.1	11/07/12	WG	Temperature	20.16	deg C	CASA-13-24214
R-43 S2	969.1	08/13/12	WG	Temperature	19.96	deg C	CASA-12-21649
R-43 S2	969.1	05/22/12	WG	Temperature	20.78	deg C	CASA-12-14059
R-43 S2	969.1	05/14/13	WG	Turbidity	0.17	NTU	CASA-13-30547
R-43 S2	969.1	02/07/13	WG	Turbidity	0.23	NTU	CASA-13-28359
R-43 S2	969.1	11/07/12	WG	Turbidity	0.38	NTU	CASA-13-24214

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	08/13/12	WG	Turbidity	0.19	NTU	CASA-12-21649
R-43 S2	969.1	05/22/12	WG	Turbidity	0.29	NTU	CASA-12-14059
R-44 S1	895	05/09/13	WG	Dissolved Oxygen	6.89	mg/L	CAMO-13-30578
R-44 S1	895	11/12/12	WG	Dissolved Oxygen	6.7	mg/L	CAMO-13-24245
R-44 S1	895	05/24/12	WG	Dissolved Oxygen	5.64	mg/L	CAMO-12-14010
R-44 S1	895	11/17/11	WG	Dissolved Oxygen	5.23	mg/L	CAMO-12-1500
R-44 S1	895	08/05/11	WG	Dissolved Oxygen	5.56	mg/L	CAMO-11-24645
R-44 S1	895	05/09/13	WG	Oxidation-Reduction Potential	182.2	mV	CAMO-13-30578
R-44 S1	895	11/12/12	WG	Oxidation-Reduction Potential	101.2	mV	CAMO-13-24245
R-44 S1	895	05/24/12	WG	Oxidation-Reduction Potential	271.1	mV	CAMO-12-14010
R-44 S1	895	11/17/11	WG	Oxidation-Reduction Potential	226.6	mV	CAMO-12-1500
R-44 S1	895	08/05/11	WG	Oxidation-Reduction Potential	103.8	mV	CAMO-11-24645
R-44 S1	895	05/09/13	WG	pH	7.73	SU	CAMO-13-30578
R-44 S1	895	11/12/12	WG	pH	7.78	SU	CAMO-13-24245
R-44 S1	895	05/24/12	WG	pH	7.75	SU	CAMO-12-14010
R-44 S1	895	11/17/11	WG	pH	7.95	SU	CAMO-12-1500
R-44 S1	895	08/05/11	WG	pH	7.84	SU	CAMO-11-24645
R-44 S1	895	05/09/13	WG	Specific Conductance	135	µS/cm	CAMO-13-30578
R-44 S1	895	11/12/12	WG	Specific Conductance	134	µS/cm	CAMO-13-24245
R-44 S1	895	05/24/12	WG	Specific Conductance	132	µS/cm	CAMO-12-14010
R-44 S1	895	11/17/11	WG	Specific Conductance	137	µS/cm	CAMO-12-1500
R-44 S1	895	08/05/11	WG	Specific Conductance	133	µS/cm	CAMO-11-24645
R-44 S1	895	05/09/13	WG	Temperature	20.39	deg C	CAMO-13-30578
R-44 S1	895	11/12/12	WG	Temperature	18.67	deg C	CAMO-13-24245
R-44 S1	895	05/24/12	WG	Temperature	21.67	deg C	CAMO-12-14010
R-44 S1	895	11/17/11	WG	Temperature	18.57	deg C	CAMO-12-1500
R-44 S1	895	08/05/11	WG	Temperature	21.3	deg C	CAMO-11-24645
R-44 S1	895	05/09/13	WG	Turbidity	0.2	NTU	CAMO-13-30578

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S1	895	11/12/12	WG	Turbidity	0.43	NTU	CAMO-13-24245
R-44 S1	895	05/24/12	WG	Turbidity	0.57	NTU	CAMO-12-14010
R-44 S1	895	11/17/11	WG	Turbidity	0.42	NTU	CAMO-12-1500
R-44 S1	895	08/05/11	WG	Turbidity	0.58	NTU	CAMO-11-24645
R-44 S2	985.3	05/09/13	WG	Dissolved Oxygen	7.18	mg/L	CAMO-13-30579
R-44 S2	985.3	11/12/12	WG	Dissolved Oxygen	7.14	mg/L	CAMO-13-24246
R-44 S2	985.3	05/24/12	WG	Dissolved Oxygen	6.95	mg/L	CAMO-12-14011
R-44 S2	985.3	11/17/11	WG	Dissolved Oxygen	7.2	mg/L	CAMO-12-1502
R-44 S2	985.3	08/05/11	WG	Dissolved Oxygen	7.16	mg/L	CAMO-11-24648
R-44 S2	985.3	08/05/11	WG	Dissolved Oxygen	6.99	mg/L	CAMO-11-24528
R-44 S2	985.3	08/05/11	WG	Dissolved Oxygen	7.16	mg/L	CAMO-11-24530
R-44 S2	985.3	08/05/11	WG	Dissolved Oxygen	6.87	mg/L	CAMO-11-24526
R-44 S2	985.3	05/09/13	WG	Oxidation-Reduction Potential	139	mV	CAMO-13-30579
R-44 S2	985.3	11/12/12	WG	Oxidation-Reduction Potential	119.1	mV	CAMO-13-24246
R-44 S2	985.3	05/24/12	WG	Oxidation-Reduction Potential	275.9	mV	CAMO-12-14011
R-44 S2	985.3	11/17/11	WG	Oxidation-Reduction Potential	240.2	mV	CAMO-12-1502
R-44 S2	985.3	08/05/11	WG	Oxidation-Reduction Potential	95.1	mV	CAMO-11-24648
R-44 S2	985.3	08/05/11	WG	Oxidation-Reduction Potential	86.6	mV	CAMO-11-24528
R-44 S2	985.3	08/05/11	WG	Oxidation-Reduction Potential	95.1	mV	CAMO-11-24530
R-44 S2	985.3	08/05/11	WG	Oxidation-Reduction Potential	49.3	mV	CAMO-11-24526
R-44 S2	985.3	05/09/13	WG	pH	7.81	SU	CAMO-13-30579
R-44 S2	985.3	11/12/12	WG	pH	7.87	SU	CAMO-13-24246
R-44 S2	985.3	05/24/12	WG	pH	7.86	SU	CAMO-12-14011
R-44 S2	985.3	11/17/11	WG	pH	7.86	SU	CAMO-12-1502
R-44 S2	985.3	08/05/11	WG	pH	7.93	SU	CAMO-11-24648
R-44 S2	985.3	08/05/11	WG	pH	7.93	SU	CAMO-11-24528
R-44 S2	985.3	08/05/11	WG	pH	7.93	SU	CAMO-11-24530
R-44 S2	985.3	08/05/11	WG	pH	7.92	SU	CAMO-11-24526

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	05/09/13	WG	Specific Conductance	144	µS/cm	CAMO-13-30579
R-44 S2	985.3	11/12/12	WG	Specific Conductance	144	µS/cm	CAMO-13-24246
R-44 S2	985.3	05/24/12	WG	Specific Conductance	148	µS/cm	CAMO-12-14011
R-44 S2	985.3	11/17/11	WG	Specific Conductance	151	µS/cm	CAMO-12-1502
R-44 S2	985.3	08/05/11	WG	Specific Conductance	146	µS/cm	CAMO-11-24648
R-44 S2	985.3	08/05/11	WG	Specific Conductance	148	µS/cm	CAMO-11-24528
R-44 S2	985.3	08/05/11	WG	Specific Conductance	146	µS/cm	CAMO-11-24530
R-44 S2	985.3	08/05/11	WG	Specific Conductance	150	µS/cm	CAMO-11-24526
R-44 S2	985.3	05/09/13	WG	Temperature	20.78	deg C	CAMO-13-30579
R-44 S2	985.3	11/12/12	WG	Temperature	19.03	deg C	CAMO-13-24246
R-44 S2	985.3	05/24/12	WG	Temperature	21.23	deg C	CAMO-12-14011
R-44 S2	985.3	11/17/11	WG	Temperature	20.72	deg C	CAMO-12-1502
R-44 S2	985.3	08/05/11	WG	Temperature	21.38	deg C	CAMO-11-24648
R-44 S2	985.3	08/05/11	WG	Temperature	21.48	deg C	CAMO-11-24528
R-44 S2	985.3	08/05/11	WG	Temperature	21.38	deg C	CAMO-11-24530
R-44 S2	985.3	08/05/11	WG	Temperature	20.53	deg C	CAMO-11-24526
R-44 S2	985.3	05/09/13	WG	Turbidity	0.1	NTU	CAMO-13-30579
R-44 S2	985.3	11/12/12	WG	Turbidity	0.17	NTU	CAMO-13-24246
R-44 S2	985.3	05/24/12	WG	Turbidity	1.1	NTU	CAMO-12-14011
R-44 S2	985.3	11/17/11	WG	Turbidity	0.29	NTU	CAMO-12-1502
R-44 S2	985.3	08/05/11	WG	Turbidity	0.26	NTU	CAMO-11-24648
R-44 S2	985.3	08/05/11	WG	Turbidity	0.39	NTU	CAMO-11-24528
R-44 S2	985.3	08/05/11	WG	Turbidity	0.26	NTU	CAMO-11-24530
R-44 S2	985.3	08/05/11	WG	Turbidity	0.33	NTU	CAMO-11-24526
R-45 S1	880	05/09/13	WG	Dissolved Oxygen	7.14	mg/L	CAMO-13-30580
R-45 S1	880	11/06/12	WG	Dissolved Oxygen	7.22	mg/L	CAMO-13-24247
R-45 S1	880	05/22/12	WG	Dissolved Oxygen	7.18	mg/L	CAMO-12-14012
R-45 S1	880	11/16/11	WG	Dissolved Oxygen	7.25	mg/L	CAMO-12-1494

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-45 S1	880	08/01/11	WG	Dissolved Oxygen	7.08	mg/L	CAMO-11-24642
R-45 S1	880	05/09/13	WG	Oxidation-Reduction Potential	303.7	mV	CAMO-13-30580
R-45 S1	880	11/06/12	WG	Oxidation-Reduction Potential	97.1	mV	CAMO-13-24247
R-45 S1	880	05/22/12	WG	Oxidation-Reduction Potential	186.5	mV	CAMO-12-14012
R-45 S1	880	11/16/11	WG	Oxidation-Reduction Potential	129.2	mV	CAMO-12-1494
R-45 S1	880	08/01/11	WG	Oxidation-Reduction Potential	119.5	mV	CAMO-11-24642
R-45 S1	880	05/09/13	WG	pH	7.66	SU	CAMO-13-30580
R-45 S1	880	11/06/12	WG	pH	7.84	SU	CAMO-13-24247
R-45 S1	880	05/22/12	WG	pH	7.73	SU	CAMO-12-14012
R-45 S1	880	11/16/11	WG	pH	7.88	SU	CAMO-12-1494
R-45 S1	880	08/01/11	WG	pH	7.81	SU	CAMO-11-24642
R-45 S1	880	05/09/13	WG	Specific Conductance	179	µS/cm	CAMO-13-30580
R-45 S1	880	11/06/12	WG	Specific Conductance	173	µS/cm	CAMO-13-24247
R-45 S1	880	05/22/12	WG	Specific Conductance	176	µS/cm	CAMO-12-14012
R-45 S1	880	11/16/11	WG	Specific Conductance	177	µS/cm	CAMO-12-1494
R-45 S1	880	08/01/11	WG	Specific Conductance	178	µS/cm	CAMO-11-24642
R-45 S1	880	05/09/13	WG	Temperature	19.49	deg C	CAMO-13-30580
R-45 S1	880	11/06/12	WG	Temperature	20.71	deg C	CAMO-13-24247
R-45 S1	880	05/22/12	WG	Temperature	21.38	deg C	CAMO-12-14012
R-45 S1	880	11/16/11	WG	Temperature	20.39	deg C	CAMO-12-1494
R-45 S1	880	08/01/11	WG	Temperature	21.48	deg C	CAMO-11-24642
R-45 S1	880	05/09/13	WG	Turbidity	0.39	NTU	CAMO-13-30580
R-45 S1	880	11/06/12	WG	Turbidity	0.37	NTU	CAMO-13-24247
R-45 S1	880	05/22/12	WG	Turbidity	0.38	NTU	CAMO-12-14012
R-45 S1	880	11/16/11	WG	Turbidity	0.39	NTU	CAMO-12-1494
R-45 S1	880	08/01/11	WG	Turbidity	0.25	NTU	CAMO-11-24642
R-45 S2	974.9	05/09/13	WG	Dissolved Oxygen	6.43	mg/L	CAMO-13-30581
R-45 S2	974.9	11/06/12	WG	Dissolved Oxygen	6.69	mg/L	CAMO-13-24248

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-45 S2	974.9	05/22/12	WG	Dissolved Oxygen	6.24	mg/L	CAMO-12-14013
R-45 S2	974.9	11/16/11	WG	Dissolved Oxygen	6.52	mg/L	CAMO-12-1497
R-45 S2	974.9	08/01/11	WG	Dissolved Oxygen	6.55	mg/L	CAMO-11-24644
R-45 S2	974.9	05/09/13	WG	Oxidation-Reduction Potential	314.4	mV	CAMO-13-30581
R-45 S2	974.9	11/06/12	WG	Oxidation-Reduction Potential	86.8	mV	CAMO-13-24248
R-45 S2	974.9	05/22/12	WG	Oxidation-Reduction Potential	220.6	mV	CAMO-12-14013
R-45 S2	974.9	11/16/11	WG	Oxidation-Reduction Potential	123.4	mV	CAMO-12-1497
R-45 S2	974.9	08/01/11	WG	Oxidation-Reduction Potential	131.5	mV	CAMO-11-24644
R-45 S2	974.9	05/09/13	WG	pH	7.94	SU	CAMO-13-30581
R-45 S2	974.9	11/06/12	WG	pH	8.1	SU	CAMO-13-24248
R-45 S2	974.9	05/22/12	WG	pH	8.01	SU	CAMO-12-14013
R-45 S2	974.9	11/16/11	WG	pH	8.19	SU	CAMO-12-1497
R-45 S2	974.9	08/01/11	WG	pH	8.08	SU	CAMO-11-24644
R-45 S2	974.9	05/09/13	WG	Specific Conductance	170	µS/cm	CAMO-13-30581
R-45 S2	974.9	11/06/12	WG	Specific Conductance	104	µS/cm	CAMO-13-24248
R-45 S2	974.9	05/22/12	WG	Specific Conductance	170	µS/cm	CAMO-12-14013
R-45 S2	974.9	11/16/11	WG	Specific Conductance	170	µS/cm	CAMO-12-1497
R-45 S2	974.9	08/01/11	WG	Specific Conductance	173	µS/cm	CAMO-11-24644
R-45 S2	974.9	05/09/13	WG	Temperature	20.99	deg C	CAMO-13-30581
R-45 S2	974.9	11/06/12	WG	Temperature	20.82	deg C	CAMO-13-24248
R-45 S2	974.9	05/22/12	WG	Temperature	22.51	deg C	CAMO-12-14013
R-45 S2	974.9	11/16/11	WG	Temperature	20.67	deg C	CAMO-12-1497
R-45 S2	974.9	08/01/11	WG	Temperature	21.56	deg C	CAMO-11-24644
R-45 S2	974.9	05/09/13	WG	Turbidity	0.34	NTU	CAMO-13-30581
R-45 S2	974.9	11/06/12	WG	Turbidity	0.4	NTU	CAMO-13-24248
R-45 S2	974.9	05/22/12	WG	Turbidity	0.33	NTU	CAMO-12-14013
R-45 S2	974.9	11/16/11	WG	Turbidity	0.29	NTU	CAMO-12-1497
R-45 S2	974.9	08/01/11	WG	Turbidity	0.16	NTU	CAMO-11-24644

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077	05/10/13	WG	Dissolved Oxygen	5.48	mg/L	CAMO-13-30582
R-50 S1	1077	02/04/13	WG	Dissolved Oxygen	5.49	mg/L	CAMO-13-28410
R-50 S1	1077	11/09/12	WG	Dissolved Oxygen	5.55	mg/L	CAMO-13-24249
R-50 S1	1077	08/15/12	WG	Dissolved Oxygen	5.27	mg/L	CAMO-12-21737
R-50 S1	1077	05/31/12	WG	Dissolved Oxygen	5.33	mg/L	CAMO-12-14014
R-50 S1	1077	05/10/13	WG	Oxidation-Reduction Potential	248.8	mV	CAMO-13-30582
R-50 S1	1077	02/04/13	WG	Oxidation-Reduction Potential	155.1	mV	CAMO-13-28410
R-50 S1	1077	11/09/12	WG	Oxidation-Reduction Potential	81.5	mV	CAMO-13-24249
R-50 S1	1077	08/15/12	WG	Oxidation-Reduction Potential	156.6	mV	CAMO-12-21737
R-50 S1	1077	05/31/12	WG	Oxidation-Reduction Potential	87.4	mV	CAMO-12-14014
R-50 S1	1077	05/10/13	WG	pH	7.66	SU	CAMO-13-30582
R-50 S1	1077	02/04/13	WG	pH	7.91	SU	CAMO-13-28410
R-50 S1	1077	11/09/12	WG	pH	8.04	SU	CAMO-13-24249
R-50 S1	1077	08/15/12	WG	pH	8.02	SU	CAMO-12-21737
R-50 S1	1077	05/31/12	WG	pH	7.94	SU	CAMO-12-14014
R-50 S1	1077	05/10/13	WG	Specific Conductance	192	µS/cm	CAMO-13-30582
R-50 S1	1077	02/04/13	WG	Specific Conductance	164	µS/cm	CAMO-13-28410
R-50 S1	1077	11/09/12	WG	Specific Conductance	185	µS/cm	CAMO-13-24249
R-50 S1	1077	08/15/12	WG	Specific Conductance	175	µS/cm	CAMO-12-21737
R-50 S1	1077	05/31/12	WG	Specific Conductance	186	µS/cm	CAMO-12-14014
R-50 S1	1077	05/10/13	WG	Temperature	20.81	deg C	CAMO-13-30582
R-50 S1	1077	02/04/13	WG	Temperature	19.01	deg C	CAMO-13-28410
R-50 S1	1077	11/09/12	WG	Temperature	18.06	deg C	CAMO-13-24249
R-50 S1	1077	08/15/12	WG	Temperature	20.7	deg C	CAMO-12-21737
R-50 S1	1077	05/31/12	WG	Temperature	21.25	deg C	CAMO-12-14014
R-50 S1	1077	05/10/13	WG	Turbidity	0.7	NTU	CAMO-13-30582
R-50 S1	1077	02/04/13	WG	Turbidity	0.4	NTU	CAMO-13-28410
R-50 S1	1077	11/09/12	WG	Turbidity	0.63	NTU	CAMO-13-24249

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077	08/15/12	WG	Turbidity	0.82	NTU	CAMO-12-21737
R-50 S1	1077	05/31/12	WG	Turbidity	0.58	NTU	CAMO-12-14014
R-50 S2	1185	05/13/13	WG	Dissolved Oxygen	7.29	mg/L	CAMO-13-30583
R-50 S2	1185	01/31/13	WG	Dissolved Oxygen	7.27	mg/L	CAMO-13-28411
R-50 S2	1185	11/09/12	WG	Dissolved Oxygen	7.04	mg/L	CAMO-13-24250
R-50 S2	1185	08/16/12	WG	Dissolved Oxygen	6.93	mg/L	CAMO-12-21746
R-50 S2	1185	05/31/12	WG	Dissolved Oxygen	6.93	mg/L	CAMO-12-14015
R-50 S2	1185	05/13/13	WG	Oxidation-Reduction Potential	117	mV	CAMO-13-30583
R-50 S2	1185	01/31/13	WG	Oxidation-Reduction Potential	-14.4	mV	CAMO-13-28411
R-50 S2	1185	11/09/12	WG	Oxidation-Reduction Potential	74	mV	CAMO-13-24250
R-50 S2	1185	08/16/12	WG	Oxidation-Reduction Potential	201.7	mV	CAMO-12-21746
R-50 S2	1185	05/31/12	WG	Oxidation-Reduction Potential	128.8	mV	CAMO-12-14015
R-50 S2	1185	05/13/13	WG	pH	8.07	SU	CAMO-13-30583
R-50 S2	1185	01/31/13	WG	pH	8.1	SU	CAMO-13-28411
R-50 S2	1185	11/09/12	WG	pH	8.13	SU	CAMO-13-24250
R-50 S2	1185	08/16/12	WG	pH	8.06	SU	CAMO-12-21746
R-50 S2	1185	05/31/12	WG	pH	8.06	SU	CAMO-12-14015
R-50 S2	1185	05/13/13	WG	Specific Conductance	131	µS/cm	CAMO-13-30583
R-50 S2	1185	01/31/13	WG	Specific Conductance	135	µS/cm	CAMO-13-28411
R-50 S2	1185	11/09/12	WG	Specific Conductance	139	µS/cm	CAMO-13-24250
R-50 S2	1185	08/16/12	WG	Specific Conductance	127	µS/cm	CAMO-12-21746
R-50 S2	1185	05/31/12	WG	Specific Conductance	133	µS/cm	CAMO-12-14015
R-50 S2	1185	05/13/13	WG	Temperature	22.85	deg C	CAMO-13-30583
R-50 S2	1185	01/31/13	WG	Temperature	19.45	deg C	CAMO-13-28411
R-50 S2	1185	11/09/12	WG	Temperature	18.57	deg C	CAMO-13-24250
R-50 S2	1185	08/16/12	WG	Temperature	21.64	deg C	CAMO-12-21746
R-50 S2	1185	05/31/12	WG	Temperature	21.56	deg C	CAMO-12-14015
R-50 S2	1185	05/13/13	WG	Turbidity	1	NTU	CAMO-13-30583

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S2	1185	01/31/13	WG	Turbidity	1.83	NTU	CAMO-13-28411
R-50 S2	1185	11/09/12	WG	Turbidity	1.24	NTU	CAMO-13-24250
R-50 S2	1185	08/16/12	WG	Turbidity	0.43	NTU	CAMO-12-21746
R-50 S2	1185	05/31/12	WG	Turbidity	1.93	NTU	CAMO-12-14015
R-61 S1	1125	05/17/13	WG	Dissolved Oxygen	5.97	mg/L	CAMO-13-30584
R-61 S1	1125	02/11/13	WG	Dissolved Oxygen	5.44	mg/L	CAMO-13-28412
R-61 S1	1125	11/15/12	WG	Dissolved Oxygen	4.77	mg/L	CAMO-13-24251
R-61 S1	1125	05/09/12	WG	Dissolved Oxygen	0.48	mg/L	CAMO-12-13962
R-61 S1	1125	05/09/12	WG	Dissolved Oxygen	0.42	mg/L	CAMO-12-13963
R-61 S1	1125	05/09/12	WG	Dissolved Oxygen	0.76	mg/L	CAMO-12-13964
R-61 S1	1125	05/09/12	WG	Dissolved Oxygen	1.51	mg/L	CAMO-12-13965
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	3.11	mg/L	CAMO-12-2236
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	2.57	mg/L	CAMO-12-2238
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	3.8	mg/L	CAMO-12-2229
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	0.74	mg/L	CAMO-12-2243
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	2.08	mg/L	CAMO-12-2245
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	1.68	mg/L	CAMO-12-2239
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	1.18	mg/L	CAMO-12-2241
R-61 S1	1125	02/07/12	WG	Dissolved Oxygen	3.8	mg/L	CAMO-12-2248
R-61 S1	1125	05/17/13	WG	Oxidation-Reduction Potential	251.4	mV	CAMO-13-30584
R-61 S1	1125	02/11/13	WG	Oxidation-Reduction Potential	14.5	mV	CAMO-13-28412
R-61 S1	1125	11/15/12	WG	Oxidation-Reduction Potential	202.1	mV	CAMO-13-24251
R-61 S1	1125	05/09/12	WG	Oxidation-Reduction Potential	-52.2	mV	CAMO-12-13962
R-61 S1	1125	05/09/12	WG	Oxidation-Reduction Potential	-74.3	mV	CAMO-12-13963
R-61 S1	1125	05/09/12	WG	Oxidation-Reduction Potential	-42.1	mV	CAMO-12-13964
R-61 S1	1125	05/09/12	WG	Oxidation-Reduction Potential	-23.5	mV	CAMO-12-13965
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-39.9	mV	CAMO-12-2236
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-62.2	mV	CAMO-12-2238

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-13.6	mV	CAMO-12-2229
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-98.6	mV	CAMO-12-2243
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-142.6	mV	CAMO-12-2245
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-67.1	mV	CAMO-12-2239
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-74.2	mV	CAMO-12-2241
R-61 S1	1125	02/07/12	WG	Oxidation-Reduction Potential	-13.6	mV	CAMO-12-2248
R-61 S1	1125	05/17/13	WG	pH	6.71	SU	CAMO-13-30584
R-61 S1	1125	02/11/13	WG	pH	6.65	SU	CAMO-13-28412
R-61 S1	1125	11/15/12	WG	pH	6.53	SU	CAMO-13-24251
R-61 S1	1125	05/09/12	WG	pH	6.65	SU	CAMO-12-13962
R-61 S1	1125	05/09/12	WG	pH	7.07	SU	CAMO-12-13963
R-61 S1	1125	05/09/12	WG	pH	7.04	SU	CAMO-12-13964
R-61 S1	1125	05/09/12	WG	pH	7	SU	CAMO-12-13965
R-61 S1	1125	02/07/12	WG	pH	7.03	SU	CAMO-12-2236
R-61 S1	1125	02/07/12	WG	pH	6.99	SU	CAMO-12-2238
R-61 S1	1125	02/07/12	WG	pH	7.08	SU	CAMO-12-2229
R-61 S1	1125	02/07/12	WG	pH	7.02	SU	CAMO-12-2243
R-61 S1	1125	02/07/12	WG	pH	7.03	SU	CAMO-12-2245
R-61 S1	1125	02/07/12	WG	pH	6.94	SU	CAMO-12-2239
R-61 S1	1125	02/07/12	WG	pH	6.93	SU	CAMO-12-2241
R-61 S1	1125	02/07/12	WG	pH	7.08	SU	CAMO-12-2248
R-61 S1	1125	05/17/13	WG	Specific Conductance	155	µS/cm	CAMO-13-30584
R-61 S1	1125	02/11/13	WG	Specific Conductance	167	µS/cm	CAMO-13-28412
R-61 S1	1125	11/15/12	WG	Specific Conductance	180	µS/cm	CAMO-13-24251
R-61 S1	1125	05/09/12	WG	Specific Conductance	200	µS/cm	CAMO-12-13962
R-61 S1	1125	05/09/12	WG	Specific Conductance	172	µS/cm	CAMO-12-13963
R-61 S1	1125	05/09/12	WG	Specific Conductance	157	µS/cm	CAMO-12-13964
R-61 S1	1125	05/09/12	WG	Specific Conductance	157	µS/cm	CAMO-12-13965

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S1	1125	02/07/12	WG	Specific Conductance	148	µS/cm	CAMO-12-2236
R-61 S1	1125	02/07/12	WG	Specific Conductance	163	µS/cm	CAMO-12-2238
R-61 S1	1125	02/07/12	WG	Specific Conductance	139	µS/cm	CAMO-12-2229
R-61 S1	1125	02/07/12	WG	Specific Conductance	171	µS/cm	CAMO-12-2243
R-61 S1	1125	02/07/12	WG	Specific Conductance	189	µS/cm	CAMO-12-2245
R-61 S1	1125	02/07/12	WG	Specific Conductance	173	µS/cm	CAMO-12-2239
R-61 S1	1125	02/07/12	WG	Specific Conductance	175	µS/cm	CAMO-12-2241
R-61 S1	1125	02/07/12	WG	Specific Conductance	139	µS/cm	CAMO-12-2248
R-61 S1	1125	05/17/13	WG	Temperature	20.89	deg C	CAMO-13-30584
R-61 S1	1125	02/11/13	WG	Temperature	19.43	deg C	CAMO-13-28412
R-61 S1	1125	11/15/12	WG	Temperature	19.4	deg C	CAMO-13-24251
R-61 S1	1125	05/09/12	WG	Temperature	20.09	deg C	CAMO-12-13962
R-61 S1	1125	05/09/12	WG	Temperature	20.38	deg C	CAMO-12-13963
R-61 S1	1125	05/09/12	WG	Temperature	20.86	deg C	CAMO-12-13964
R-61 S1	1125	05/09/12	WG	Temperature	21.28	deg C	CAMO-12-13965
R-61 S1	1125	02/07/12	WG	Temperature	19	deg C	CAMO-12-2236
R-61 S1	1125	02/07/12	WG	Temperature	19.99	deg C	CAMO-12-2238
R-61 S1	1125	02/07/12	WG	Temperature	18.59	deg C	CAMO-12-2229
R-61 S1	1125	02/07/12	WG	Temperature	16.66	deg C	CAMO-12-2243
R-61 S1	1125	02/07/12	WG	Temperature	13.46	deg C	CAMO-12-2245
R-61 S1	1125	02/07/12	WG	Temperature	16.93	deg C	CAMO-12-2239
R-61 S1	1125	02/07/12	WG	Temperature	18.17	deg C	CAMO-12-2241
R-61 S1	1125	02/07/12	WG	Temperature	18.59	deg C	CAMO-12-2248
R-61 S1	1125	05/17/13	WG	Turbidity	3	NTU	CAMO-13-30584
R-61 S1	1125	02/11/13	WG	Turbidity	4.4	NTU	CAMO-13-28412
R-61 S1	1125	11/15/12	WG	Turbidity	4.55	NTU	CAMO-13-24251
R-61 S1	1125	05/09/12	WG	Turbidity	2.86	NTU	CAMO-12-13962
R-61 S1	1125	05/09/12	WG	Turbidity	5.86	NTU	CAMO-12-13963

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S1	1125	05/09/12	WG	Turbidity	4.49	NTU	CAMO-12-13964
R-61 S1	1125	05/09/12	WG	Turbidity	1.29	NTU	CAMO-12-13965
R-61 S1	1125	02/07/12	WG	Turbidity	1.61	NTU	CAMO-12-2236
R-61 S1	1125	02/07/12	WG	Turbidity	1.24	NTU	CAMO-12-2238
R-61 S1	1125	02/07/12	WG	Turbidity	4.35	NTU	CAMO-12-2229
R-61 S1	1125	02/07/12	WG	Turbidity	2.71	NTU	CAMO-12-2243
R-61 S1	1125	02/07/12	WG	Turbidity	1.32	NTU	CAMO-12-2245
R-61 S1	1125	02/07/12	WG	Turbidity	1.43	NTU	CAMO-12-2239
R-61 S1	1125	02/07/12	WG	Turbidity	1.8	NTU	CAMO-12-2241
R-61 S1	1125	02/07/12	WG	Turbidity	4.35	NTU	CAMO-12-2248
R-61 S2	1220.4	05/22/13	WG	Dissolved Oxygen	2.96	mg/L	CAMO-13-30585
R-61 S2	1220.4	02/12/13	WG	Dissolved Oxygen	1.85	mg/L	CAMO-13-28413
R-61 S2	1220.4	11/15/12	WG	Dissolved Oxygen	3.34	mg/L	CAMO-13-24252
R-61 S2	1220.4	05/09/12	WG	Dissolved Oxygen	1.18	mg/L	CAMO-12-13966
R-61 S2	1220.4	05/09/12	WG	Dissolved Oxygen	0.3	mg/L	CAMO-12-13967
R-61 S2	1220.4	05/09/12	WG	Dissolved Oxygen	0.39	mg/L	CAMO-12-13968
R-61 S2	1220.4	05/09/12	WG	Dissolved Oxygen	0.42	mg/L	CAMO-12-13969
R-61 S2	1220.4	02/08/12	WG	Dissolved Oxygen	0.39	mg/L	CAMO-12-2253
R-61 S2	1220.4	02/08/12	WG	Dissolved Oxygen	1.11	mg/L	CAMO-12-2251
R-61 S2	1220.4	02/08/12	WG	Dissolved Oxygen	0.27	mg/L	CAMO-12-2256
R-61 S2	1220.4	02/08/12	WG	Dissolved Oxygen	0.23	mg/L	CAMO-12-2258
R-61 S2	1220.4	02/08/12	WG	Dissolved Oxygen	2.11	mg/L	CAMO-12-2232
R-61 S2	1220.4	02/08/12	WG	Dissolved Oxygen	7.07	mg/L	CAMO-12-2259
R-61 S2	1220.4	05/22/13	WG	Oxidation-Reduction Potential	93.6	mV	CAMO-13-30585
R-61 S2	1220.4	02/12/13	WG	Oxidation-Reduction Potential	-83.4	mV	CAMO-13-28413
R-61 S2	1220.4	11/15/12	WG	Oxidation-Reduction Potential	48.7	mV	CAMO-13-24252
R-61 S2	1220.4	05/09/12	WG	Oxidation-Reduction Potential	-148.9	mV	CAMO-12-13966
R-61 S2	1220.4	05/09/12	WG	Oxidation-Reduction Potential	-77.3	mV	CAMO-12-13967

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S2	1220.4	05/09/12	WG	Oxidation-Reduction Potential	-78.1	mV	CAMO-12-13968
R-61 S2	1220.4	05/09/12	WG	Oxidation-Reduction Potential	-59.4	mV	CAMO-12-13969
R-61 S2	1220.4	02/08/12	WG	Oxidation-Reduction Potential	-100.3	mV	CAMO-12-2253
R-61 S2	1220.4	02/08/12	WG	Oxidation-Reduction Potential	-77.9	mV	CAMO-12-2251
R-61 S2	1220.4	02/08/12	WG	Oxidation-Reduction Potential	-102.1	mV	CAMO-12-2256
R-61 S2	1220.4	02/08/12	WG	Oxidation-Reduction Potential	-100.1	mV	CAMO-12-2258
R-61 S2	1220.4	02/08/12	WG	Oxidation-Reduction Potential	-61.6	mV	CAMO-12-2232
R-61 S2	1220.4	02/08/12	WG	Oxidation-Reduction Potential	160.8	mV	CAMO-12-2259
R-61 S2	1220.4	05/22/13	WG	pH	6.56	SU	CAMO-13-30585
R-61 S2	1220.4	02/12/13	WG	pH	6.47	SU	CAMO-13-28413
R-61 S2	1220.4	11/15/12	WG	pH	6.46	SU	CAMO-13-24252
R-61 S2	1220.4	05/09/12	WG	pH	7.13	SU	CAMO-12-13966
R-61 S2	1220.4	05/09/12	WG	pH	6.82	SU	CAMO-12-13967
R-61 S2	1220.4	05/09/12	WG	pH	6.82	SU	CAMO-12-13968
R-61 S2	1220.4	05/09/12	WG	pH	6.81	SU	CAMO-12-13969
R-61 S2	1220.4	02/08/12	WG	pH	7.17	SU	CAMO-12-2253
R-61 S2	1220.4	02/08/12	WG	pH	7.12	SU	CAMO-12-2251
R-61 S2	1220.4	02/08/12	WG	pH	7.14	SU	CAMO-12-2256
R-61 S2	1220.4	02/08/12	WG	pH	7	SU	CAMO-12-2258
R-61 S2	1220.4	02/08/12	WG	pH	7.21	SU	CAMO-12-2232
R-61 S2	1220.4	02/08/12	WG	pH	6.99	SU	CAMO-12-2259
R-61 S2	1220.4	05/22/13	WG	Specific Conductance	152	µS/cm	CAMO-13-30585
R-61 S2	1220.4	02/12/13	WG	Specific Conductance	205	µS/cm	CAMO-13-28413
R-61 S2	1220.4	11/15/12	WG	Specific Conductance	199	µS/cm	CAMO-13-24252
R-61 S2	1220.4	05/09/12	WG	Specific Conductance	193	µS/cm	CAMO-12-13966
R-61 S2	1220.4	05/09/12	WG	Specific Conductance	243	µS/cm	CAMO-12-13967
R-61 S2	1220.4	05/09/12	WG	Specific Conductance	220	µS/cm	CAMO-12-13968
R-61 S2	1220.4	05/09/12	WG	Specific Conductance	175	µS/cm	CAMO-12-13969

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S2	1220.4	02/08/12	WG	Specific Conductance	215	µS/cm	CAMO-12-2253
R-61 S2	1220.4	02/08/12	WG	Specific Conductance	180	µS/cm	CAMO-12-2251
R-61 S2	1220.4	02/08/12	WG	Specific Conductance	178	µS/cm	CAMO-12-2256
R-61 S2	1220.4	02/08/12	WG	Specific Conductance	241	µS/cm	CAMO-12-2258
R-61 S2	1220.4	02/08/12	WG	Specific Conductance	154	µS/cm	CAMO-12-2232
R-61 S2	1220.4	02/08/12	WG	Specific Conductance	167	µS/cm	CAMO-12-2259
R-61 S2	1220.4	05/22/13	WG	Temperature	21.05	deg C	CAMO-13-30585
R-61 S2	1220.4	02/12/13	WG	Temperature	18.96	deg C	CAMO-13-28413
R-61 S2	1220.4	11/15/12	WG	Temperature	19.28	deg C	CAMO-13-24252
R-61 S2	1220.4	05/09/12	WG	Temperature	16.14	deg C	CAMO-12-13966
R-61 S2	1220.4	05/09/12	WG	Temperature	19.07	deg C	CAMO-12-13967
R-61 S2	1220.4	05/09/12	WG	Temperature	19.64	deg C	CAMO-12-13968
R-61 S2	1220.4	05/09/12	WG	Temperature	20.96	deg C	CAMO-12-13969
R-61 S2	1220.4	02/08/12	WG	Temperature	17.91	deg C	CAMO-12-2253
R-61 S2	1220.4	02/08/12	WG	Temperature	19.74	deg C	CAMO-12-2251
R-61 S2	1220.4	02/08/12	WG	Temperature	19.89	deg C	CAMO-12-2256
R-61 S2	1220.4	02/08/12	WG	Temperature	20.06	deg C	CAMO-12-2258
R-61 S2	1220.4	02/08/12	WG	Temperature	20.8	deg C	CAMO-12-2232
R-61 S2	1220.4	02/08/12	WG	Temperature	15.85	deg C	CAMO-12-2259
R-61 S2	1220.4	05/22/13	WG	Turbidity	12.3	NTU	CAMO-13-30585
R-61 S2	1220.4	02/12/13	WG	Turbidity	4.63	NTU	CAMO-13-28413
R-61 S2	1220.4	11/15/12	WG	Turbidity	6.19	NTU	CAMO-13-24252
R-61 S2	1220.4	05/09/12	WG	Turbidity	3.03	NTU	CAMO-12-13966
R-61 S2	1220.4	05/09/12	WG	Turbidity	0.91	NTU	CAMO-12-13967
R-61 S2	1220.4	05/09/12	WG	Turbidity	0.96	NTU	CAMO-12-13968
R-61 S2	1220.4	05/09/12	WG	Turbidity	0.84	NTU	CAMO-12-13969
R-61 S2	1220.4	02/08/12	WG	Turbidity	0.85	NTU	CAMO-12-2253
R-61 S2	1220.4	02/08/12	WG	Turbidity	0.77	NTU	CAMO-12-2251

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S2	1220.4	02/08/12	WG	Turbidity	0.94	NTU	CAMO-12-2256
R-61 S2	1220.4	02/08/12	WG	Turbidity	1.12	NTU	CAMO-12-2258
R-61 S2	1220.4	02/08/12	WG	Turbidity	0.79	NTU	CAMO-12-2232
R-61 S2	1220.4	02/08/12	WG	Turbidity	9.86	NTU	CAMO-12-2259
R-62	1158.4	05/08/13	WG	Dissolved Oxygen	5.03	mg/L	CAMO-13-30602
R-62	1158.4	02/05/13	WG	Dissolved Oxygen	5.37	mg/L	CAMO-13-28414
R-62	1158.4	11/08/12	WG	Dissolved Oxygen	5.41	mg/L	CAMO-13-24253
R-62	1158.4	11/08/12	WG	Dissolved Oxygen	6.34	mg/L	CAMO-13-24533
R-62	1158.4	11/08/12	WG	Dissolved Oxygen	6.56	mg/L	CAMO-13-24534
R-62	1158.4	11/08/12	WG	Dissolved Oxygen	6.78	mg/L	CAMO-13-24537
R-62	1158.4	08/08/12	WG	Dissolved Oxygen	6.01	mg/L	CAMO-12-21741
R-62	1158.4	06/06/12	WG	Dissolved Oxygen	5.34	mg/L	CAMO-12-14018
R-62	1158.4	05/08/13	WG	Oxidation-Reduction Potential	192.2	mV	CAMO-13-30602
R-62	1158.4	02/05/13	WG	Oxidation-Reduction Potential	179.4	mV	CAMO-13-28414
R-62	1158.4	11/08/12	WG	Oxidation-Reduction Potential	57.9	mV	CAMO-13-24253
R-62	1158.4	11/08/12	WG	Oxidation-Reduction Potential	60.9	mV	CAMO-13-24533
R-62	1158.4	11/08/12	WG	Oxidation-Reduction Potential	67.1	mV	CAMO-13-24534
R-62	1158.4	11/08/12	WG	Oxidation-Reduction Potential	68.1	mV	CAMO-13-24537
R-62	1158.4	08/08/12	WG	Oxidation-Reduction Potential	72.7	mV	CAMO-12-21741
R-62	1158.4	06/06/12	WG	Oxidation-Reduction Potential	208	mV	CAMO-12-14018
R-62	1158.4	05/08/13	WG	pH	8.52	SU	CAMO-13-30602
R-62	1158.4	02/05/13	WG	pH	8.71	SU	CAMO-13-28414
R-62	1158.4	11/08/12	WG	pH	8.77	SU	CAMO-13-24253
R-62	1158.4	11/08/12	WG	pH	8.54	SU	CAMO-13-24533
R-62	1158.4	11/08/12	WG	pH	8.44	SU	CAMO-13-24534
R-62	1158.4	11/08/12	WG	pH	8.37	SU	CAMO-13-24537
R-62	1158.4	08/08/12	WG	pH	8.31	SU	CAMO-12-21741
R-62	1158.4	06/06/12	WG	pH	8.72	SU	CAMO-12-14018

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-62	1158.4	05/08/13	WG	Specific Conductance	178	µS/cm	CAMO-13-30602
R-62	1158.4	02/05/13	WG	Specific Conductance	184	µS/cm	CAMO-13-28414
R-62	1158.4	11/08/12	WG	Specific Conductance	188	µS/cm	CAMO-13-24253
R-62	1158.4	11/08/12	WG	Specific Conductance	188	µS/cm	CAMO-13-24533
R-62	1158.4	11/08/12	WG	Specific Conductance	190	µS/cm	CAMO-13-24534
R-62	1158.4	11/08/12	WG	Specific Conductance	190	µS/cm	CAMO-13-24537
R-62	1158.4	08/08/12	WG	Specific Conductance	165	µS/cm	CAMO-12-21741
R-62	1158.4	06/06/12	WG	Specific Conductance	172	µS/cm	CAMO-12-14018
R-62	1158.4	05/08/13	WG	Temperature	19.67	deg C	CAMO-13-30602
R-62	1158.4	02/05/13	WG	Temperature	19.14	deg C	CAMO-13-28414
R-62	1158.4	11/08/12	WG	Temperature	19.22	deg C	CAMO-13-24253
R-62	1158.4	11/08/12	WG	Temperature	19.84	deg C	CAMO-13-24533
R-62	1158.4	11/08/12	WG	Temperature	20	deg C	CAMO-13-24534
R-62	1158.4	11/08/12	WG	Temperature	19.92	deg C	CAMO-13-24537
R-62	1158.4	08/08/12	WG	Temperature	21.83	deg C	CAMO-12-21741
R-62	1158.4	06/06/12	WG	Temperature	22.32	deg C	CAMO-12-14018
R-62	1158.4	05/08/13	WG	Turbidity	4.5	NTU	CAMO-13-30602
R-62	1158.4	02/05/13	WG	Turbidity	0.31	NTU	CAMO-13-28414
R-62	1158.4	11/08/12	WG	Turbidity	0.55	NTU	CAMO-13-24253
R-62	1158.4	11/08/12	WG	Turbidity	1.64	NTU	CAMO-13-24533
R-62	1158.4	11/08/12	WG	Turbidity	1.02	NTU	CAMO-13-24534
R-62	1158.4	11/08/12	WG	Turbidity	2.95	NTU	CAMO-13-24537
R-62	1158.4	08/08/12	WG	Turbidity	0.65	NTU	CAMO-12-21741
R-62	1158.4	06/06/12	WG	Turbidity	2.51	NTU	CAMO-12-14018
SCI-1	358.4	05/17/13	WG	Dissolved Oxygen	8.69	mg/L	CASA-13-30548
SCI-1	358.4	11/02/12	WG	Dissolved Oxygen	8.96	mg/L	CASA-13-24215
SCI-1	358.4	05/21/12	WG	Dissolved Oxygen	8.84	mg/L	CASA-12-14060
SCI-1	358.4	05/21/12	WG	Dissolved Oxygen	8.84	mg/L	CASA-12-14065

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-1	358.4	11/16/11	WG	Dissolved Oxygen	8.96	mg/L	CASA-12-1373
SCI-1	358.4	08/16/11	WG	Dissolved Oxygen	8.78	mg/L	CASA-11-24834
SCI-1	358.4	08/16/11	WG	Dissolved Oxygen	8.78	mg/L	CASA-11-24764
SCI-1	358.4	08/16/11	WG	Dissolved Oxygen	8.89	mg/L	CASA-11-24841
SCI-1	358.4	08/16/11	WG	Dissolved Oxygen	8.94	mg/L	CASA-11-24843
SCI-1	358.4	05/17/13	WG	Oxidation-Reduction Potential	67.4	mV	CASA-13-30548
SCI-1	358.4	11/02/12	WG	Oxidation-Reduction Potential	165.3	mV	CASA-13-24215
SCI-1	358.4	05/21/12	WG	Oxidation-Reduction Potential	216.4	mV	CASA-12-14060
SCI-1	358.4	05/21/12	WG	Oxidation-Reduction Potential	216.4	mV	CASA-12-14065
SCI-1	358.4	11/16/11	WG	Oxidation-Reduction Potential	229.8	mV	CASA-12-1373
SCI-1	358.4	08/16/11	WG	Oxidation-Reduction Potential	149.3	mV	CASA-11-24834
SCI-1	358.4	08/16/11	WG	Oxidation-Reduction Potential	149.3	mV	CASA-11-24764
SCI-1	358.4	08/16/11	WG	Oxidation-Reduction Potential	113.1	mV	CASA-11-24841
SCI-1	358.4	08/16/11	WG	Oxidation-Reduction Potential	102.6	mV	CASA-11-24843
SCI-1	358.4	05/17/13	WG	pH	7.09	SU	CASA-13-30548
SCI-1	358.4	11/02/12	WG	pH	7.09	SU	CASA-13-24215
SCI-1	358.4	05/21/12	WG	pH	6.95	SU	CASA-12-14060
SCI-1	358.4	05/21/12	WG	pH	6.95	SU	CASA-12-14065
SCI-1	358.4	11/16/11	WG	pH	7.13	SU	CASA-12-1373
SCI-1	358.4	08/16/11	WG	pH	7.11	SU	CASA-11-24834
SCI-1	358.4	08/16/11	WG	pH	7.11	SU	CASA-11-24764
SCI-1	358.4	08/16/11	WG	pH	7.19	SU	CASA-11-24841
SCI-1	358.4	08/16/11	WG	pH	7.18	SU	CASA-11-24843
SCI-1	358.4	05/17/13	WG	Specific Conductance	719	µS/cm	CASA-13-30548
SCI-1	358.4	11/02/12	WG	Specific Conductance	695	µS/cm	CASA-13-24215
SCI-1	358.4	05/21/12	WG	Specific Conductance	713	µS/cm	CASA-12-14060
SCI-1	358.4	05/21/12	WG	Specific Conductance	713	µS/cm	CASA-12-14065
SCI-1	358.4	11/16/11	WG	Specific Conductance	712	µS/cm	CASA-12-1373

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-1	358.4	08/16/11	WG	Specific Conductance	750	µS/cm	CASA-11-24834
SCI-1	358.4	08/16/11	WG	Specific Conductance	750	µS/cm	CASA-11-24764
SCI-1	358.4	08/16/11	WG	Specific Conductance	754	µS/cm	CASA-11-24841
SCI-1	358.4	08/16/11	WG	Specific Conductance	752	µS/cm	CASA-11-24843
SCI-1	358.4	05/17/13	WG	Temperature	11.4	deg C	CASA-13-30548
SCI-1	358.4	11/02/12	WG	Temperature	10.28	deg C	CASA-13-24215
SCI-1	358.4	05/21/12	WG	Temperature	10.95	deg C	CASA-12-14060
SCI-1	358.4	05/21/12	WG	Temperature	10.95	deg C	CASA-12-14065
SCI-1	358.4	11/16/11	WG	Temperature	9.71	deg C	CASA-12-1373
SCI-1	358.4	08/16/11	WG	Temperature	10.85	deg C	CASA-11-24834
SCI-1	358.4	08/16/11	WG	Temperature	10.95	deg C	CASA-11-24764
SCI-1	358.4	08/16/11	WG	Temperature	11.43	deg C	CASA-11-24841
SCI-1	358.4	08/16/11	WG	Temperature	11.1	deg C	CASA-11-24843
SCI-1	358.4	05/17/13	WG	Turbidity	0.7	NTU	CASA-13-30548
SCI-1	358.4	11/02/12	WG	Turbidity	3.47	NTU	CASA-13-24215
SCI-1	358.4	05/21/12	WG	Turbidity	4.15	NTU	CASA-12-14060
SCI-1	358.4	05/21/12	WG	Turbidity	4.15	NTU	CASA-12-14065
SCI-1	358.4	11/16/11	WG	Turbidity	9.88	NTU	CASA-12-1373
SCI-1	358.4	08/16/11	WG	Turbidity	5.83	NTU	CASA-11-24834
SCI-1	358.4	08/16/11	WG	Turbidity	5.83	NTU	CASA-11-24764
SCI-1	358.4	08/16/11	WG	Turbidity	7.39	NTU	CASA-11-24841
SCI-1	358.4	08/16/11	WG	Turbidity	10.2	NTU	CASA-11-24843
SCI-2	548	05/21/13	WG	Dissolved Oxygen	9.22	mg/L	CASA-13-30549
SCI-2	548	01/31/13	WG	Dissolved Oxygen	9.71	mg/L	CASA-13-28360
SCI-2	548	11/05/12	WG	Dissolved Oxygen	9.77	mg/L	CASA-13-24216
SCI-2	548	08/13/12	WG	Dissolved Oxygen	8.23	mg/L	CASA-12-21646
SCI-2	548	05/23/12	WG	Dissolved Oxygen	8.62	mg/L	CASA-12-14061
SCI-2	548	05/21/13	WG	Oxidation-Reduction Potential	221.7	mV	CASA-13-30549

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-2	548	01/31/13	WG	Oxidation-Reduction Potential	217.6	mV	CASA-13-28360
SCI-2	548	11/05/12	WG	Oxidation-Reduction Potential	149.1	mV	CASA-13-24216
SCI-2	548	08/13/12	WG	Oxidation-Reduction Potential	170.4	mV	CASA-12-21646
SCI-2	548	05/23/12	WG	Oxidation-Reduction Potential	229	mV	CASA-12-14061
SCI-2	548	05/21/13	WG	pH	7.42	SU	CASA-13-30549
SCI-2	548	01/31/13	WG	pH	7.5	SU	CASA-13-28360
SCI-2	548	11/05/12	WG	pH	7.46	SU	CASA-13-24216
SCI-2	548	08/13/12	WG	pH	8.15	SU	CASA-12-21646
SCI-2	548	05/23/12	WG	pH	7.45	SU	CASA-12-14061
SCI-2	548	05/21/13	WG	Specific Conductance	622	µS/cm	CASA-13-30549
SCI-2	548	01/31/13	WG	Specific Conductance	602	µS/cm	CASA-13-28360
SCI-2	548	11/05/12	WG	Specific Conductance	590	µS/cm	CASA-13-24216
SCI-2	548	08/13/12	WG	Specific Conductance	592	µS/cm	CASA-12-21646
SCI-2	548	05/23/12	WG	Specific Conductance	564	µS/cm	CASA-12-14061
SCI-2	548	05/21/13	WG	Temperature	14.47	deg C	CASA-13-30549
SCI-2	548	01/31/13	WG	Temperature	13.9	deg C	CASA-13-28360
SCI-2	548	11/05/12	WG	Temperature	14.35	deg C	CASA-13-24216
SCI-2	548	08/13/12	WG	Temperature	16.08	deg C	CASA-12-21646
SCI-2	548	05/23/12	WG	Temperature	17.02	deg C	CASA-12-14061
SCI-2	548	05/21/13	WG	Turbidity	1.2	NTU	CASA-13-30549
SCI-2	548	01/31/13	WG	Turbidity	1.54	NTU	CASA-13-28360
SCI-2	548	11/05/12	WG	Turbidity	3.15	NTU	CASA-13-24216
SCI-2	548	08/13/12	WG	Turbidity	4.22	NTU	CASA-12-21646
SCI-2	548	05/23/12	WG	Turbidity	3.51	NTU	CASA-12-14061

[a] WG = Groundwater.

[b] SU = Standard unit.

[c] 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 Environmental 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

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.
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)

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
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.11	—	—	—	%	Y	—	NQ	2013-383	CAMO-13-24366	UIL
R-45 S1	880	11/19/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.17	—	—	—	%	Y	—	NQ	11-745	CAMO-11-1280	UIL
R-45 S1	880	01/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.26	—	—	—	%	Y	—	NQ	10-3591	CAMO-10-9734	UIL
R-45 S1	880	11/16/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.31	—	—	—	%	Y	—	NQ	10-1025	CAMO-10-4769	UIL
R-45 S1	880	08/19/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.29	—	—	—	%	Y	—	NQ	09-3060	CAMO-09-10252	UIL
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.28	—	—	—	%	Y	—	NQ	2013-383	CAMO-13-24367	UIL
R-45 S2	974.9	11/19/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.35	—	—	—	%	Y	—	NQ	11-745	CAMO-11-1281	UIL
R-45 S2	974.9	01/27/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.49	—	—	—	%	Y	—	NQ	10-3591	CAMO-10-9735	UIL
R-45 S2	974.9	11/16/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.58	—	—	—	%	Y	—	NQ	10-1025	CAMO-10-4771	UIL
R-45 S2	974.9	08/19/09	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium-53/52	Cr-53/52	Y	1.65	—	—	—	%	Y	—	NQ	09-3060	CAMO-09-10255	UIL

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	05/07/13	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	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.59	—	—	0.01	SU	Y	H	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.44	—	—	0.01	SU	Y	H	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.46	—	—	0.01	SU	Y	H	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	J-	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	J-	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.08	—	—	0.725	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.03	—	—	0.725	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.8	—	—	0.725	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.3	—	—	0.725	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.1	—	—	0.725	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.3	—	—	0.725	mg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	—	0.73	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.6	—	—	0.73	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0804	—	—	0.017	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0491	—	—	0.016	mg/L	Y	J	J	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17	—	—	1	µg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.2	—	—	1	µg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.1	—	—	1	µg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.5	—	—	1	µg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	14.8	—	—	1	µg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	17.5	—	—	15	µg/L	Y	J	J	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.8	—	—	15	µg/L	Y	J	J	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.5	—	—	15	µg/L	Y	J	J	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.2	—	—	15	µg/L	Y	J	J	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.5	—	—	15	µg/L	Y	J	J	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.116	—	—	0.067	mg/L	Y	J	J	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.113	—	—	0.067	mg/L	Y	J	J	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.143	—	—	0.067	mg/L	Y	J	J	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.09	—	—	0.067	mg/L	Y	J	J	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.066	mg/L	Y	J	J-	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.142	—	—	0.066	mg/L	Y	J	J	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.22	—	—	0.067	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.24	—	—	0.067	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.86	—	—	0.067	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.57	—	—	0.067	mg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.73	—	—	0.066	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.69	—	—	0.066	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.06	—	—	2	µg/L	Y	J	J	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.67	—	—	2	µg/L	Y	J	J	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.32	—	—	2	µg/L	Y	J	J	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.79	—	—	2	µg/L	Y	J	J	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.4	—	—	2	µg/L	Y	J	J	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.59	—	—	2	µg/L	Y	J	J	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.09	—	—	3	µg/L	Y	J	J	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	5.08	—	—	3.16	µg/L	Y	J	J	2013-813	CAMO-13-30572	GELC
MCOI-5	689.04	05/07/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	5.61	—	—	3.23	µg/L	Y	J	J	2013-813	CAMO-13-30561	GELC
MCOI-5	689.04	10/30/12	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	5.28	—	—	3	µg/L	Y	J	J	2013-246	CAMO-13-24238	GELC
MCOI-5	689.04	06/04/12	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	4.41	—	—	3	µg/L	N	J	J	12-1337	CAMO-12-14070	GELC
MCOI-5	689.04	06/04/12	WG	UF	RE	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	4.45	—	—	3.13	µg/L	Y	J	J	12-1337	CAMO-12-14070	GELC
MCOI-5	689.04	11/08/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	5.19	—	—	3.3	µg/L	Y	J	J	12-292	CAMO-12-1465	GELC
MCOI-5	689.04	05/26/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	4.76	—	—	2	µg/L	Y	J	J	11-2561	CAMO-11-10699	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.196	—	—	0.033	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.224	—	—	0.033	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.207	—	—	0.033	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.243	—	—	0.033	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.2	—	—	0.453	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.5	—	—	0.453	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.1	—	—	0.453	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	—	0.453	mg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.45	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.45	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.88	—	—	0.11	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.77	—	—	0.11	mg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.62	—	—	0.11	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.43	—	—	0.11	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.56	—	—	0.165	µg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.59	—	—	0.165	µg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.79	—	—	0.165	µg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.74	—	—	0.165	µg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.6	—	—	0.17	µg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	0.17	µg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.993	—	—	0.5	µg/L	Y	J	J	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2	—	—	0.5	µg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.78	—	—	0.5	µg/L	Y	J	J	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.18	—	—	0.5	µg/L	Y	J	J	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.776	—	—	0.5	µg/L	Y	J	J	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.775	—	—	0.5	µg/L	Y	J	J	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.35	—	—	0.17	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	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	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.17	—	—	0.17	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.89	—	—	0.17	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.75	—	—	0.17	mg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.88	—	—	0.05	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.04	—	—	0.05	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	79.1	—	—	5	µg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	81.7	—	—	5	µg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	75	—	—	5	µg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	68.7	—	—	5	µg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	75.1	—	—	5	µg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	82.8	—	—	5	µg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.94	—	—	0.05	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	0.576	—	—	0.05	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.984	—	—	0.05	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.52	—	—	0.05	mg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.46	—	—	0.05	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.438	—	—	0.05	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.1	—	—	0.053	mg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.9	—	—	0.1	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	J-	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	1	µS/cm	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.4	—	—	1	µg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	96.7	—	—	1	µg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	93.8	—	—	1	µg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	89.6	—	—	1	µg/L	Y	—	NQ	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	86.4	—	—	1	µg/L	Y	—	NQ	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	82.4	—	—	1	µg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.3	—	—	0.133	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	—	0.133	mg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.1	—	—	0.1	mg/L	Y	—	J+	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	12-292	CAMO-12-1466	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	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0679	—	—	0.033	mg/L	Y	J	J	2013-813	CAMO-13-30572	GELC
MCOI-5	689.04	05/07/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-813	CAMO-13-30561	GELC
MCOI-5	689.04	10/30/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0596	—	—	0.035	mg/L	Y	J	U	2013-246	CAMO-13-24238	GELC
MCOI-5	689.04	06/04/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0526	—	—	0.035	mg/L	Y	J	J	12-1338	CAMO-12-17124	GELC
MCOI-5	689.04	11/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-292	CAMO-12-1465	GELC
MCOI-5	689.04	08/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	11-3146	CAMO-11-24627	GELC
MCOI-5	689.04	05/07/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.631	—	—	0.33	mg/L	Y	J	J	2013-813	CAMO-13-30572	GELC
MCOI-5	689.04	05/07/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.638	—	—	0.33	mg/L	Y	J	J	2013-813	CAMO-13-30561	GELC
MCOI-5	689.04	10/30/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.879	—	—	0.33	mg/L	Y	J	J	2013-246	CAMO-13-24238	GELC
MCOI-5	689.04	06/04/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.947	—	—	0.33	mg/L	Y	J	J	12-1338	CAMO-12-17124	GELC
MCOI-5	689.04	11/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.333	—	—	0.33	mg/L	Y	J	J	12-292	CAMO-12-1465	GELC
MCOI-5	689.04	08/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-3146	CAMO-11-24627	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.106	—	—	0.017	mg/L	Y	—	NQ	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0948	—	—	0.017	mg/L	Y	—	NQ	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.327	—	—	0.017	mg/L	Y	—	NQ	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	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	12-1338	CAMO-12-17129	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0428	—	—	0.015	mg/L	Y	J	J	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.136	—	—	0.015	mg/L	Y	—	NQ	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.155	—	—	0.067	µg/L	Y	J	J	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.147	—	—	0.067	µg/L	Y	J	J	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.13	—	—	0.067	µg/L	Y	J	J	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.165	—	—	0.067	µg/L	Y	J	J	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.106	—	—	0.067	µg/L	Y	J	J	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.25	—	—	1	µg/L	Y	J	J	2013-813	CAMO-13-30588	GELC
MCOI-5	689.04	05/07/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.99	—	—	1	µg/L	Y	J	J	2013-813	CAMO-13-30563	GELC
MCOI-5	689.04	10/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.27	—	—	1	µg/L	Y	J	J	2013-246	CAMO-13-24255	GELC
MCOI-5	689.04	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.13	—	—	1	µg/L	Y	J	J	12-1337	CAMO-12-14075	GELC
MCOI-5	689.04	11/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.41	—	—	1	µg/L	Y	J	J	12-292	CAMO-12-1466	GELC
MCOI-5	689.04	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.34	—	—	1	µg/L	Y	J	J	11-3146	CAMO-11-24628	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.32	—	—	0.01	SU	Y	H	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.26	—	—	0.01	SU	Y	H	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.9	—	—	0.725	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.8	—	—	0.725	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96	—	—	0.725	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97	—	—	0.725	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	98.4	—	—	0.725	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.1	—	—	1	µg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.4	—	—	1	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	46.9	—	—	1	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	44.8	—	—	1	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	45.9	—	—	1	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	42.3	—	—	15	µg/L	Y	J	J	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	50	—	—	15	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	50.4	—	—	15	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	50.8	—	—	15	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	49.9	—	—	15	µg/L	Y	J	J	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.587	—	—	0.067	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	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	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.604	—	—	0.067	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.702	—	—	0.067	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.633	—	—	0.067	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.646	—	—	0.067	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	63.9	—	—	0.05	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	67.9	—	—	0.05	mg/L	Y	—	J-	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	71.6	—	—	0.05	mg/L	Y	—	J-	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	67	—	—	0.05	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	67.8	—	—	0.05	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	58.2	—	—	0.67	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.1	—	—	0.335	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	58.6	—	—	0.67	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	54.8	—	—	0.67	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.3	—	—	0.67	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	73.2	—	—	2	µg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	66.1	—	—	2	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	61.6	—	—	2	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	64.6	—	—	2	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	58.4	—	—	2	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	6.12	—	—	3	µg/L	Y	J	J	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	7.18	—	—	3	µg/L	Y	J	J	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	13.1	—	—	3	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.52	—	—	3	µg/L	Y	J	J	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	12.1	—	—	3	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	7.57	—	—	3.16	µg/L	Y	J	J	2013-823	CAMO-13-30573	GELC
MCOI-6	686	11/02/12	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	9.69	—	—	3.06	µg/L	Y	J	J	2013-267	CAMO-13-24239	GELC
MCOI-6	686	06/04/12	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	9.26	—	—	3.13	µg/L	N	J	J	12-1340	CAMO-12-14071	GELC
MCOI-6	686	06/04/12	WG	UF	RE	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	11.2	—	—	3.13	µg/L	Y	—	NQ	12-1340	CAMO-12-14071	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	12.1	—	—	3.1	µg/L	Y	—	NQ	12-313	CAMO-12-1468	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	12.1	—	—	3.2	µg/L	Y	—	NQ	12-313	CAMO-12-1471	GELC
MCOI-6	686	05/31/11	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	9.83	—	—	2	µg/L	N	J	J-	11-2587	CAMO-11-10700	GELC
MCOI-6	686	05/31/11	WG	UF	RE	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	10.8	—	—	2.2	µg/L	Y	J	J	11-2587	CAMO-11-10700	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.499	—	—	0.033	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.563	—	—	0.033	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.503	—	—	0.033	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.558	—	—	0.033	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	213	—	—	0.453	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	228	—	—	0.453	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	240	—	—	0.453	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	223	—	—	0.453	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	228	—	—	0.453	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	13	—	—	0.11	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.2	—	—	0.11	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15	—	—	0.11	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	13.5	—	—	0.11	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.3	—	—	0.11	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.92	—	—	2	µg/L	Y	J	J	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.08	—	—	2	µg/L	Y	J	J	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.88	—	—	2	µg/L	Y	J	J	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.59	—	—	2	µg/L	Y	J	J	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	5.63	—	—	2	µg/L	Y	J	J	12-1339	CAMO-12-14021	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	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.45	—	—	0.165	µg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.49	—	—	0.165	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.165	µg/L	Y	—	J	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.165	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.69	—	—	0.165	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	41.3	—	—	0.5	µg/L	Y	N	J+	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	36.5	—	—	0.5	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	38.1	—	—	0.5	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	40.1	—	—	0.5	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	40.8	—	—	0.5	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.19	—	—	0.17	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.62	—	—	0.17	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.5	—	—	0.425	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.96	—	—	0.17	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.33	—	—	0.17	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	63.3	—	—	5	µg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	56.3	—	—	5	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	63.5	—	—	5	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	60.6	—	—	5	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	59.4	—	—	5	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.881	—	—	0.05	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.906	—	—	0.05	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.882	—	—	0.05	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.908	—	—	0.05	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	J-	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	25.5	—	—	0.1	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	27.8	—	—	0.1	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	28.8	—	—	0.1	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	27.4	—	—	0.1	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.1	—	—	0.1	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	611	—	—	1	µS/cm	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	579	—	—	1	µS/cm	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	591	—	—	1	µS/cm	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	600	—	—	1	µS/cm	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	601	—	—	1	µS/cm	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	305	—	—	1	µg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	312	—	—	1	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	325	—	—	1	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	322	—	—	1	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	315	—	—	1	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	61	—	—	1.33	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	62.6	—	—	0.665	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	66.1	—	—	1.33	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	60.6	—	—	1.33	mg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	66.8	—	—	1.33	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	404	—	—	3.4	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	417	—	—	3.4	mg/L	Y	—	NQ	2013-511	CAMO-13-28415	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	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	390	—	—	3.4	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	419	—	—	3.4	mg/L	Y	—	J	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	420	—	—	3.4	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.116	—	—	0.033	mg/L	Y	—	NQ	2013-823	CAMO-13-30573	GELC
MCOI-6	686	02/05/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0797	—	—	0.033	mg/L	Y	J	U	2013-511	CAMO-13-28407	GELC
MCOI-6	686	11/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.163	—	—	0.035	mg/L	Y	—	J-	2013-267	CAMO-13-24239	GELC
MCOI-6	686	08/17/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0945	—	—	0.035	mg/L	Y	J	J-	12-1509	CAMO-12-21734	GELC
MCOI-6	686	06/04/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.146	—	—	0.035	mg/L	Y	—	NQ	12-1339	CAMO-12-14006	GELC
MCOI-6	686	05/08/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.31	—	—	0.33	mg/L	Y	—	NQ	2013-823	CAMO-13-30573	GELC
MCOI-6	686	02/05/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.21	—	—	0.33	mg/L	Y	—	NQ	2013-511	CAMO-13-28407	GELC
MCOI-6	686	11/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.09	—	—	0.33	mg/L	Y	—	U	2013-267	CAMO-13-24239	GELC
MCOI-6	686	08/17/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.29	—	—	0.33	mg/L	Y	—	NQ	12-1509	CAMO-12-21734	GELC
MCOI-6	686	06/04/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.6	—	—	0.33	mg/L	Y	—	NQ	12-1339	CAMO-12-14006	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.371	—	—	0.017	mg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0785	—	—	0.017	mg/L	Y	—	U	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0976	—	—	0.017	mg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0859	—	—	0.017	mg/L	Y	—	U	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0634	—	—	0.017	mg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.27	—	—	0.067	µg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.18	—	—	0.067	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.26	—	—	0.067	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.31	—	—	0.067	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.41	—	—	0.067	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	15.9	—	—	3.3	µg/L	Y	—	NQ	2013-823	CAMO-13-30589	GELC
MCOI-6	686	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	17.9	—	—	3.3	µg/L	Y	—	NQ	2013-511	CAMO-13-28415	GELC
MCOI-6	686	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	24.8	—	—	3.3	µg/L	Y	—	NQ	2013-267	CAMO-13-24256	GELC
MCOI-6	686	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	30.2	—	—	3.3	µg/L	Y	—	NQ	12-1509	CAMO-12-21742	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	33.4	—	—	3.3	µg/L	Y	—	NQ	12-1339	CAMO-12-14021	GELC
R-11	855	05/13/13	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	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	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	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	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	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	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	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	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	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68	—	—	0.725	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68	—	—	0.725	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.1	—	—	0.725	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	0.725	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.2	—	—	0.725	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.7	—	—	0.725	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.4	—	—	0.725	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.9	—	—	1	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	43.2	—	—	1	µg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.9	—	—	1	µg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.4	—	—	1	µg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36.9	—	—	1	µg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.6	—	—	15	µg/L	Y	J	J	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	19	—	—	15	µg/L	Y	J	J	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	28.1	—	—	15	µg/L	Y	J	J	2013-507	CASA-13-28361	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	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	28.3	—	—	15	µg/L	Y	J	J	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	28.9	—	—	15	µg/L	Y	J	J	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	28.7	—	—	15	µg/L	Y	J	J	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.102	—	—	0.067	mg/L	Y	J	J	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0967	—	—	0.067	mg/L	Y	J	J	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.126	—	—	0.067	mg/L	Y	J	J	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0882	—	—	0.067	mg/L	Y	J	J	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.4	—	—	0.05	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	J+	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.31	—	—	0.067	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.59	—	—	0.067	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.37	—	—	0.067	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.49	—	—	0.067	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.26	—	—	0.067	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.83	—	—	0.067	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.94	—	—	0.067	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.9	—	—	2	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	31.5	—	—	2	µg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	28.6	—	—	2	µg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	26.8	—	—	2	µg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	23.7	—	—	2	µg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.3	—	—	2	µg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.5	—	—	2	µg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	34.9	—	—	3	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	3.05	—	—	3	µg/L	Y	J	J	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.418	—	—	0.033	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.45	—	—	0.033	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.033	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.378	—	—	0.033	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.411	—	—	0.033	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89	—	—	0.453	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.5	—	—	0.453	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.3	—	—	0.453	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.8	—	—	0.453	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.9	—	—	0.453	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.8	—	—	0.453	mg/L	Y	—	NQ	12-1508	CASA-12-21647	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	05/21/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79	—	—	0.453	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.7	—	—	0.11	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.4	—	—	0.11	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.6	—	—	0.11	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.44	—	—	0.11	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.77	—	—	0.11	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.08	—	—	0.11	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.05	—	—	0.11	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.165	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.165	µg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.165	µg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.45	—	—	0.165	µg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.51	—	—	0.165	µg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.46	—	—	0.165	µg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.56	—	—	0.165	µg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.1	—	—	0.5	µg/L	Y	J	J	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.08	—	—	0.5	µg/L	Y	J	J	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.38	—	—	0.5	µg/L	Y	J	J	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.34	—	—	0.5	µg/L	Y	J	J	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.619	—	—	0.5	µg/L	Y	J	J	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.617	—	—	0.5	µg/L	Y	J	J	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.709	—	—	0.5	µg/L	Y	J	J	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.15	—	—	0.085	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.05	—	—	0.085	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.56	—	—	0.17	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.49	—	—	0.17	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.93	—	—	0.425	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.26	—	—	0.17	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.85	—	—	0.17	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.886	—	—	0.05	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.884	—	—	0.05	µg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.915	—	—	0.05	µg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.935	—	—	0.05	µg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.86	—	—	0.05	µg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.899	—	—	0.05	µg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.92	—	—	0.05	µg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.65	—	—	0.05	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.35	—	—	1.5	µg/L	Y	J	J	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	Y	2.36	—	—	1.5	µg/L	Y	J	J	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.86	—	—	1.5	µg/L	Y	J	J	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	Y	1.73	—	—	1.5	µg/L	Y	J	J	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.88	—	—	1.5	µg/L	Y	J	J	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.76	—	—	1.5	µg/L	Y	J	J	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.66	—	—	1.5	µg/L	Y	J	J	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	80	—	—	0.053	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.6	—	—	0.053	mg/L	Y	—	NQ	2013-840	CASA-13-30541	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	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	80.4	—	—	0.053	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.5	—	—	0.1	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	1	µS/cm	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	—	—	1	µS/cm	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	99.3	—	—	1	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	97.3	—	—	1	µg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	93.6	—	—	1	µg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	92	—	—	1	µg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	96.3	—	—	1	µg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	96.6	—	—	1	µg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	87.5	—	—	1	µg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.4	—	—	0.133	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.2	—	—	0.133	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	—	—	0.133	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12	—	—	0.133	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	—	0.133	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	3.4	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.612	—	—	0.33	mg/L	Y	J	J	2013-840	CASA-13-30542	GELC
R-11	855	05/13/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.681	—	—	0.33	mg/L	Y	J	J	2013-840	CASA-13-30540	GELC
R-11	855	02/04/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.984	—	—	0.33	mg/L	Y	J	J	2013-507	CASA-13-28357	GELC
R-11	855	02/04/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.897	—	—	0.33	mg/L	Y	J	J	2013-507	CASA-13-28355	GELC
R-11	855	11/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2013-270	CASA-13-24209	GELC
R-11	855	08/17/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.496	—	—	0.33	mg/L	Y	J	J	12-1508	CASA-12-21643	GELC
R-11	855	05/21/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1311	CASA-12-14057	GELC
R-11	855	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0492	—	—	0.017	mg/L	Y	J	J	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0323	—	—	0.017	mg/L	Y	J	U	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0252	—	—	0.017	mg/L	Y	J	U	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0308	—	—	0.017	mg/L	Y	J	J	2013-270	CASA-13-24217	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	08/17/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0349	—	—	0.017	mg/L	Y	J	U	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0595	—	—	0.017	mg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.696	—	—	0.067	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.654	—	—	0.067	µg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.679	—	—	0.067	µg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.678	—	—	0.067	µg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.758	—	—	0.067	µg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.782	—	—	0.067	µg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.75	—	—	1	µg/L	Y	—	NQ	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.32	—	—	1	µg/L	Y	—	NQ	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.13	—	—	1	µg/L	Y	—	NQ	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.53	—	—	1	µg/L	Y	—	NQ	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.54	—	—	1	µg/L	Y	—	NQ	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.38	—	—	1	µg/L	Y	—	NQ	12-1311	CASA-12-14062	GELC
R-11	855	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	17.2	—	—	3.3	µg/L	Y	—	NQ	2013-840	CASA-13-30550	GELC
R-11	855	05/13/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	9.98	—	—	3.3	µg/L	Y	J	J	2013-840	CASA-13-30541	GELC
R-11	855	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.35	—	—	3.3	µg/L	Y	J	J	2013-507	CASA-13-28361	GELC
R-11	855	02/04/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.43	—	—	3.3	µg/L	Y	J	J	2013-507	CASA-13-28356	GELC
R-11	855	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.94	—	—	3.3	µg/L	Y	J	J	2013-270	CASA-13-24217	GELC
R-11	855	08/17/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	9.79	—	—	3.3	µg/L	Y	J	J	12-1508	CASA-12-21647	GELC
R-11	855	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	9.94	—	—	3.3	µg/L	Y	J	U	12-1311	CASA-12-14062	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	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	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	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	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	J-	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	—	0.01	SU	Y	H	J-	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.4	—	—	0.725	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.725	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.7	—	—	0.725	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.5	—	—	0.73	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.73	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0655	—	—	0.017	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.031	—	—	0.017	mg/L	Y	J	J	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.9	—	—	1	µg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.3	—	—	1	µg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.066	mg/L	Y	—	NQ	12-421	CAMO-12-1482	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	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.066	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.49	—	—	2	µg/L	Y	J	J	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.91	—	—	2	µg/L	Y	J	J	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.39	—	—	2	µg/L	Y	J	J	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.98	—	—	2	µg/L	Y	J	J	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.24	—	—	2	µg/L	Y	J	J	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.251	—	—	0.033	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.033	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	—	0.033	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.033	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.8	—	—	0.453	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.2	—	—	0.453	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.453	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.2	—	—	0.45	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.6	—	—	0.45	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.36	—	—	0.11	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.6	—	—	0.11	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	J	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.39	—	—	0.11	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.165	µg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.17	µg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.939	—	—	0.17	µg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.71	—	—	0.017	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.682	—	—	0.017	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.71	—	—	0.085	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.755	—	—	0.05	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.053	—	—	0.01	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.93	—	—	0.1	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.81	—	—	0.1	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.5	—	—	1	µg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.2	—	—	1	µg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.8	—	—	1	µg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.08	—	—	0.133	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.14	—	—	0.133	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.2	—	—	0.133	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.18	—	—	0.1	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.98	—	—	0.1	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.549	—	—	0.33	mg/L	Y	J	J	2013-808	CAMO-13-30574	GELC
R-13	958.33	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.68	—	—	0.33	mg/L	Y	J	U	2013-258	CAMO-13-24241	GELC
R-13	958.33	06/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.814	—	—	0.33	mg/L	Y	J	J	12-1344	CAMO-12-17126	GELC
R-13	958.33	11/22/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-421	CAMO-12-1480	GELC
R-13	958.33	08/01/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-2987	CAMO-11-24633	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0705	—	—	0.017	mg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0418	—	—	0.017	mg/L	Y	J	U	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0429	—	—	0.017	mg/L	Y	J	J	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0217	—	—	0.015	mg/L	Y	J	J	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.171	—	—	0.015	mg/L	Y	—	J	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.477	—	—	0.067	µg/L	Y	—	NQ	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.435	—	—	0.067	µg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.478	—	—	0.067	µg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.436	—	—	0.067	µg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.436	—	—	0.067	µg/L	Y	—	J	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.64	—	—	1	µg/L	Y	J	J	2013-808	CAMO-13-30590	GELC
R-13	958.33	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.58	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24258	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.19	—	—	1	µg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.11	—	—	1	µg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-15	958.6	05/06/13	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	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	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	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J-	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	J-	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	0.725	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.7	—	—	0.725	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.8	—	—	0.725	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.9	—	—	0.73	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.4	—	—	0.73	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28.1	—	—	1	µg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.8	—	—	1	µg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0817	—	—	0.067	mg/L	Y	J	J	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.087	—	—	0.067	mg/L	Y	J	J	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1324	CAMO-12-14022	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0817	—	—	0.066	mg/L	Y	J	J	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0811	—	—	0.066	mg/L	Y	J	J	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.25	—	—	0.067	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.17	—	—	0.067	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.19	—	—	0.067	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.06	—	—	0.066	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.13	—	—	0.066	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.5	—	—	2	µg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.5	—	—	2	µg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.5	—	—	2	µg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.59	—	—	2	µg/L	Y	J	J	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.8	—	—	2	µg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.6	—	—	0.453	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.6	—	—	0.453	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.4	—	—	0.453	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.6	—	—	0.45	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.4	—	—	0.45	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.165	µg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.165	µg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.885	—	—	0.165	µg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.998	—	—	0.17	µg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.17	µg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.97	—	—	0.5	µg/L	Y	J	J	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.88	—	—	0.5	µg/L	Y	J	J	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.655	—	—	0.5	µg/L	Y	J	J	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.8	—	—	0.5	µg/L	Y	J	J	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.24	—	—	0.5	µg/L	Y	J	J	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.12	—	—	0.085	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	—	0.17	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.06	—	—	0.085	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.35	—	—	0.01	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.78	—	—	0.1	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.42	—	—	0.5	µg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.86	—	—	0.5	µg/L	Y	—	J	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.76	—	—	0.5	µg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.14	—	—	1	µg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.86	—	—	1	µg/L	Y	—	NQ	11-3208	CAMO-11-24635	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	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.84	—	—	0.05	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.7	—	—	0.053	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.6	—	—	0.053	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64.7	—	—	1	µg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.9	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.7	—	—	1	µg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64.2	—	—	1	µg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.2	—	—	1	µg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.47	—	—	0.133	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.48	—	—	0.133	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.56	—	—	0.133	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.47	—	—	0.1	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.17	—	—	0.1	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.477	—	—	0.33	mg/L	Y	J	J	2013-809	CAMO-13-30575	GELC
R-15	958.6	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.01	—	—	0.33	mg/L	Y	—	U	2013-259	CAMO-13-24242	GELC
R-15	958.6	05/29/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1324	CAMO-12-14007	GELC
R-15	958.6	11/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.491	—	—	0.33	mg/L	Y	J	J	12-323	CAMO-12-1485	GELC
R-15	958.6	08/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.474	—	—	0.33	mg/L	Y	J	J	11-3208	CAMO-11-24636	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0646	—	—	0.017	mg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0481	—	—	0.017	mg/L	Y	J	U	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0182	—	—	0.017	mg/L	Y	J	J	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0161	—	—	0.015	mg/L	Y	J	J	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.119	—	—	0.015	mg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.44	—	—	0.067	µg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	2013-259	CAMO-13-24259	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.38	—	—	0.067	µg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.361	—	—	0.067	µg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.411	—	—	0.067	µg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.94	—	—	1	µg/L	Y	—	NQ	2013-809	CAMO-13-30591	GELC
R-15	958.6	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.86	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24259	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	05/29/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.97	—	—	1	µg/L	Y	—	NQ	12-1324	CAMO-12-14022	GELC
R-15	958.6	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.51	—	—	1	µg/L	Y	—	NQ	12-323	CAMO-12-1483	GELC
R-15	958.6	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.42	—	—	1	µg/L	Y	—	NQ	11-3208	CAMO-11-24635	GELC
R-28	934.3	05/06/13	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	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	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	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	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	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	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	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	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	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	0.725	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.4	—	—	0.725	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	0.725	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	—	0.725	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.1	—	—	0.725	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0283	—	—	0.017	mg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0573	—	—	0.017	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.144	—	—	0.017	mg/L	Y	—	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0262	—	—	0.017	mg/L	Y	J	U	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	65.1	—	—	1	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	68.1	—	—	1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	66.3	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.9	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.6	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.1	—	—	15	µg/L	Y	J	J	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.6	—	—	15	µg/L	Y	J	J	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.232	—	—	0.067	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.241	—	—	0.067	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.278	—	—	0.067	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.295	—	—	0.067	mg/L	Y	—	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.231	—	—	0.067	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	44.5	—	—	0.05	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	45.5	—	—	0.05	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	45.2	—	—	0.05	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	46.2	—	—	0.05	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	46.3	—	—	0.05	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	34.3	—	—	0.67	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	34.3	—	—	0.335	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	35.8	—	—	0.335	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	32.9	—	—	0.67	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	34.1	—	—	0.335	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	404	—	—	2	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	433	—	—	10	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	415	—	—	20	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	450	—	—	2	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	351	—	—	2	µg/L	Y	—	J+	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	—	0.033	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.033	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	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	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	157	—	—	0.453	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	161	—	—	0.453	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	161	—	—	0.453	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	164	—	—	0.453	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	163	—	—	0.453	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.1	—	—	0.11	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.5	—	—	0.11	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.6	—	—	0.11	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.877	—	—	0.165	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.845	—	—	0.165	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.822	—	—	0.165	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.889	—	—	0.165	µg/L	Y	—	U	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.847	—	—	0.165	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.3	—	—	0.5	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.9	—	—	0.5	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.1	—	—	0.5	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.8	—	—	0.5	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.4	—	—	0.5	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.83	—	—	0.17	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.98	—	—	0.17	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.63	—	—	0.085	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.74	—	—	0.085	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.74	—	—	0.17	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.931	—	—	0.1	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.975	—	—	0.1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.93	—	—	0.05	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.987	—	—	0.1	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.9	—	—	0.05	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	0.0782	—	—	0.053	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	424	—	—	1	µS/cm	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	422	—	—	1	µS/cm	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	415	—	—	1	µS/cm	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	415	—	—	1	µS/cm	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	411	—	—	1	µS/cm	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	178	—	—	1	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	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	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	177	—	—	1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	172	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	181	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	175	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	48	—	—	1.33	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	49	—	—	0.665	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	51.3	—	—	0.665	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.3	—	—	1.33	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.9	—	—	0.665	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	261	—	—	3.4	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	290	—	—	3.4	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	303	—	—	3.4	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	287	—	—	3.4	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	273	—	—	3.4	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.116	—	—	0.033	mg/L	Y	—	NQ	2013-809	CAMO-13-30576	GELC
R-28	934.3	02/01/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-503	CAMO-13-28408	GELC
R-28	934.3	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.19	—	—	0.035	mg/L	Y	—	U	2013-258	CAMO-13-24243	GELC
R-28	934.3	08/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1481	CAMO-12-21735	GELC
R-28	934.3	05/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0509	—	—	0.035	mg/L	Y	J	J	12-1321	CAMO-12-14008	GELC
R-28	934.3	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.901	—	—	0.33	mg/L	Y	J	J	2013-809	CAMO-13-30576	GELC
R-28	934.3	02/01/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.843	—	—	0.33	mg/L	Y	J	J	2013-503	CAMO-13-28408	GELC
R-28	934.3	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.28	—	—	0.33	mg/L	Y	—	U	2013-258	CAMO-13-24243	GELC
R-28	934.3	08/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.1	—	—	0.33	mg/L	Y	—	NQ	12-1481	CAMO-12-21735	GELC
R-28	934.3	05/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.883	—	—	0.33	mg/L	Y	J	J	12-1321	CAMO-12-14008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0175	—	—	0.017	mg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.074	—	—	0.017	mg/L	Y	—	U	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.019	—	—	0.017	mg/L	Y	J	U	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0443	—	—	0.017	mg/L	Y	J	U	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	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	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.67	—	—	0.067	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.52	—	—	0.067	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.54	—	—	0.067	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.5	—	—	0.067	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.7	—	—	0.067	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.93	—	—	1	µg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.8	—	—	1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.93	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.31	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.3	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.63	—	—	3.3	µg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.39	—	—	3.3	µg/L	Y	J	J	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.67	—	—	3.3	µg/L	Y	J	J	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.55	—	—	3.3	µg/L	Y	J	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	11.2	—	—	3.3	µg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	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	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	J-	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	J-	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	0.725	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	0.725	mg/L	Y	—	NQ	12-1345	CASA-12-17136	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	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	0.73	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	0.73	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	389	—	—	1	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	361	—	—	1	µg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	369	—	—	1	µg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	372	—	—	1	µg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	380	—	—	1	µg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.4	—	—	15	µg/L	Y	J	J	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.7	—	—	15	µg/L	Y	J	J	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	41.3	—	—	15	µg/L	Y	J	J	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	42.1	—	—	15	µg/L	Y	J	J	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	43.1	—	—	15	µg/L	Y	J	J	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.4	—	—	0.05	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.5	—	—	0.05	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.79	—	—	0.067	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.27	—	—	0.067	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.37	—	—	0.067	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.98	—	—	0.066	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.25	—	—	0.066	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.57	—	—	2	µg/L	Y	J	J	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.25	—	—	2	µg/L	Y	J	J	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.07	—	—	2	µg/L	Y	J	J	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.04	—	—	2	µg/L	Y	J	J	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.63	—	—	2	µg/L	Y	J	J	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.318	—	—	0.033	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.332	—	—	0.033	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	—	0.033	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86	—	—	0.453	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.6	—	—	0.453	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.3	—	—	0.453	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.3	—	—	0.45	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.5	—	—	0.45	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.28	—	—	0.11	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.08	—	—	0.11	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.99	—	—	0.11	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.04	—	—	0.11	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.18	—	—	0.11	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.165	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.165	µg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.23	—	—	0.17	µg/L	Y	—	U	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.17	µg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.17	—	—	0.5	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.9	—	—	0.5	µg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.09	—	—	0.5	µg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.13	—	—	0.5	µg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	11	—	—	0.5	µg/L	Y	—	NQ	11-3246	CASA-11-24780	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	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.444	—	—	0.017	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.451	—	—	0.017	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.423	—	—	0.085	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.114	—	—	0.01	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.206	—	—	0.01	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.24	—	—	0.05	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.03	—	—	0.05	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.06	—	—	0.05	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.02	—	—	0.05	mg/L	Y	—	J	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.17	—	—	0.05	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	89.5	—	—	0.053	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	81.9	—	—	0.053	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	84.1	—	—	0.053	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	88.6	—	—	0.053	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	87.1	—	—	0.053	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18	—	—	0.1	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.8	—	—	0.1	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.4	—	—	0.1	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	1	µS/cm	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	244	—	—	1	µS/cm	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	192	—	—	1	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	181	—	—	1	µg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	176	—	—	1	µg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	181	—	—	1	µg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	—	0.133	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.52	—	—	0.133	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.53	—	—	0.133	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.29	—	—	0.1	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.47	—	—	0.1	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	—	0.33	mg/L	Y	—	NQ	2013-865	CASA-13-30543	GELC
R-35a	1013.1	11/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	NQ	2013-312	CASA-13-24210	GELC
R-35a	1013.1	06/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.31	—	—	0.33	mg/L	Y	—	NQ	12-1345	CASA-12-17133	GELC
R-35a	1013.1	11/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.369	—	—	0.33	mg/L	Y	J	U	12-374	CASA-12-1383	GELC
R-35a	1013.1	08/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-3246	CASA-11-24781	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.03	—	—	0.017	mg/L	Y	J	J	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	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	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	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	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.03	—	—	0.015	mg/L	Y	J	J	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0746	—	—	0.015	mg/L	Y	—	U	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.607	—	—	0.067	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.693	—	—	0.067	µg/L	Y	—	NQ	2013-312	CASA-13-24218	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	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.701	—	—	0.067	µg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.626	—	—	0.067	µg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.658	—	—	0.067	µg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	18.1	—	—	1	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17.5	—	—	1	µg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17.1	—	—	1	µg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17.6	—	—	1	µg/L	Y	—	J	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17.5	—	—	1	µg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	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	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	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	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	J-	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	J-	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.6	—	—	0.725	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.1	—	—	0.725	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.6	—	—	0.725	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.6	—	—	0.73	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.2	—	—	0.73	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.86	—	—	1.7	µg/L	Y	J	J	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.6	—	—	1.7	µg/L	Y	J	J	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.9	—	—	1	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	37.7	—	—	1	µg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40.1	—	—	1	µg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.3	—	—	0.05	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	0.067	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.84	—	—	0.067	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.88	—	—	0.067	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.69	—	—	0.066	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.81	—	—	0.066	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.31	—	—	2	µg/L	Y	J	J	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5	—	—	2	µg/L	Y	J	J	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.34	—	—	2	µg/L	Y	J	J	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.4	—	—	2	µg/L	Y	J	J	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.42	—	—	2	µg/L	Y	J	J	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.449	—	—	0.033	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.498	—	—	0.033	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.501	—	—	0.033	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.473	—	—	0.033	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.464	—	—	0.033	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.3	—	—	0.453	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.1	—	—	0.453	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.2	—	—	0.453	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.5	—	—	0.45	mg/L	Y	—	NQ	12-317	CASA-12-1386	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	08/12/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61	—	—	0.45	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.29	—	—	0.11	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.13	—	—	0.11	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.08	—	—	0.11	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.26	—	—	0.11	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.98	—	—	0.11	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.165	µg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.17	µg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.17	µg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.05	—	—	0.5	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.77	—	—	0.5	µg/L	Y	J	J	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.74	—	—	0.5	µg/L	Y	J	J	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.56	—	—	0.5	µg/L	Y	J	J	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.05	—	—	0.5	µg/L	Y	J	J	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	—	0.017	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.085	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	—	0.085	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.1	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.98	—	—	0.05	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.06	—	—	0.05	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	83.1	—	—	0.053	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.8	—	—	0.053	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	83.2	—	—	0.053	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.9	—	—	0.053	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	1	µS/cm	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.9	—	—	1	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67	—	—	1	µg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64	—	—	1	µg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.1	—	—	1	µg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.63	—	—	0.133	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	0.133	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.49	—	—	0.1	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.43	—	—	0.1	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.833	—	—	0.33	mg/L	Y	J	J	2013-831	CASA-13-30544	GELC
R-35b	825.4	11/14/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2013-321	CASA-13-24211	GELC
R-35b	825.4	06/06/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.952	—	—	0.33	mg/L	Y	J	J	12-1347	CASA-12-17134	GELC
R-35b	825.4	11/09/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.385	—	—	0.33	mg/L	Y	J	J	12-317	CASA-12-1387	GELC
R-35b	825.4	08/12/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.44	—	—	0.33	mg/L	Y	J	J	11-3193	CASA-11-24783	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.277	—	—	0.067	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.301	—	—	0.067	µg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.328	—	—	0.067	µg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.316	—	—	0.067	µg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.185	—	—	0.067	µg/L	Y	J	J	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.9	—	—	1	µg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.7	—	—	1	µg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	31.4	—	—	3.3	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	30	—	—	3.3	µg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	29.2	—	—	3.3	µg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	25.2	—	—	3.3	µg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	26.5	—	—	3.3	µg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	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	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	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	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	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	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J-	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.8	—	—	0.725	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.5	—	—	0.725	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	0.725	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.4	—	—	0.725	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	0.725	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.7	—	—	0.73	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0994	—	—	0.017	mg/L	Y	—	J	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0371	—	—	0.017	mg/L	Y	J	J	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0375	—	—	0.016	mg/L	Y	J	U	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	33.9	—	—	1	µg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	—	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.2	—	—	15	µg/L	Y	J	J	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.1	—	—	15	µg/L	Y	J	J	12-1325	CASA-12-17138	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.1	—	—	15	µg/L	Y	J	J	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.067	mg/L	Y	J	J	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.105	—	—	0.067	mg/L	Y	J	J	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0977	—	—	0.067	mg/L	Y	J	J	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0723	—	—	0.067	mg/L	Y	J	J	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0752	—	—	0.066	mg/L	Y	J	J	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.101	—	—	0.066	mg/L	Y	J	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.27	—	—	0.067	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.78	—	—	0.067	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.79	—	—	0.067	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.89	—	—	0.067	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.75	—	—	0.066	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.05	—	—	0.066	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.09	—	—	2	µg/L	Y	J	J	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.63	—	—	2	µg/L	Y	J	J	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.78	—	—	2	µg/L	Y	J	J	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.55	—	—	2	µg/L	Y	J	J	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.74	—	—	2	µg/L	Y	J	J	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.35	—	—	2	µg/L	Y	J	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.542	—	—	0.033	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.533	—	—	0.033	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.545	—	—	0.033	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.537	—	—	0.033	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.542	—	—	0.033	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.402	—	—	0.033	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.5	—	—	0.453	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.9	—	—	0.453	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.2	—	—	0.453	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.8	—	—	0.45	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.3	—	—	0.11	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.35	—	—	0.11	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.48	—	—	0.11	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.2	—	—	0.11	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.39	—	—	0.11	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.04	—	—	2	µg/L	Y	J	J	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.36	—	—	2	µg/L	Y	J	J	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.07	—	—	2	µg/L	Y	J	J	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.06	—	—	2	µg/L	Y	J	J	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.55	—	—	2	µg/L	Y	J	J	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.05	—	—	2	µg/L	Y	J	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.165	µg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.78	—	—	0.165	µg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.78	—	—	0.165	µg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.75	—	—	0.165	µg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.165	µg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.82	—	—	0.17	µg/L	Y	—	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.87	—	—	0.5	µg/L	Y	J	J	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.62	—	—	0.5	µg/L	Y	J	J	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.59	—	—	0.5	µg/L	Y	J	J	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.13	—	—	0.5	µg/L	Y	J	J	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.19	—	—	0.5	µg/L	Y	J	J	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.601	—	—	0.5	µg/L	Y	J	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.41	—	—	0.085	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.26	—	—	0.085	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.085	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.085	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.14	—	—	0.1	mg/L	N	—	R	12-366	CASA-12-1390	GELC
R-36	766.9	11/16/11	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	—	0.085	mg/L	Y	H	NQ	12-366-1	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.19	—	—	0.05	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.98	—	—	0.05	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.01	—	—	0.05	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.72	—	—	1.5	µg/L	Y	J	J	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	UJ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.5	—	—	0.053	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.9	—	—	0.1	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	1	µS/cm	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.4	—	—	1	µg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.9	—	—	1	µg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.2	—	—	1	µg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	71.1	—	—	1	µg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70	—	—	1	µg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	71.7	—	—	1	µg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.27	—	—	0.133	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.94	—	—	0.133	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7	—	—	0.133	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.9	—	—	0.133	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.76	—	—	0.1	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.82	—	—	0.1	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.722	—	—	0.33	mg/L	Y	J	J	2013-868	CASA-13-30545	GELC
R-36	766.9	11/14/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.547	—	—	0.33	mg/L	Y	J	J	2013-322	CASA-13-24212	GELC
R-36	766.9	11/14/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.584	—	—	0.33	mg/L	Y	J	J	2013-322	CASA-13-24206	GELC
R-36	766.9	05/30/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.698	—	—	0.33	mg/L	Y	J	J	12-1325	CASA-12-17135	GELC
R-36	766.9	03/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.675	—	—	0.33	mg/L	Y	J	J	12-1064	CASA-12-12037	GELC
R-36	766.9	11/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-365	CASA-12-1388	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.276	—	—	0.067	µg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.298	—	—	0.067	µg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.301	—	—	0.067	µg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.318	—	—	0.067	µg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15.6	—	—	1	µg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15.1	—	—	1	µg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.3	—	—	1	µg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15.2	—	—	1	µg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15	—	—	1	µg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.7	—	—	1	µg/L	Y	—	J	12-366	CASA-12-1390	GELC
R-36	766.9	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	58.4	—	—	3.3	µg/L	Y	—	NQ	2013-868	CASA-13-30553	GELC
R-36	766.9	11/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	53.5	—	—	3.3	µg/L	Y	—	NQ	2013-322	CASA-13-24220	GELC
R-36	766.9	11/14/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	50.8	—	—	3.3	µg/L	Y	—	NQ	2013-322	CASA-13-24207	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	49.1	—	—	3.3	µg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	50.6	—	—	3.3	µg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	50.7	—	—	3.3	µg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	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	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	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	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	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	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	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	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.9	—	—	0.725	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	0.725	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.3	—	—	0.725	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	N	1	—	—	0.725	mg/L	Y	U	U	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.7	—	—	0.725	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.7	—	—	0.725	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0587	—	—	0.017	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.523	—	—	0.017	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0237	—	—	0.017	mg/L	Y	J	U	2013-502	CAMO-13-28406	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	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0631	—	—	0.017	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0234	—	—	0.017	mg/L	Y	J	U	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.2	—	—	1	µg/L	Y	J	J	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.24	—	—	1	µg/L	Y	J	J	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.1	—	—	1	µg/L	Y	J	J	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.26	—	—	1	µg/L	Y	J	J	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.04	—	—	1	µg/L	Y	J	J	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	90.1	—	—	1	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	95	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	96.5	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	93.3	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	87.8	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	95.1	—	—	1	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.206	—	—	0.067	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.194	—	—	0.067	mg/L	Y	J	J	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.26	—	—	0.067	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.257	—	—	0.067	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.215	—	—	0.067	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.244	—	—	0.067	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	51.6	—	—	0.05	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	52.9	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	53.7	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	51.3	—	—	0.05	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	48.8	—	—	0.05	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	52.1	—	—	0.05	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.1	—	—	0.67	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.5	—	—	0.335	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.3	—	—	0.335	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.9	—	—	0.335	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	37.8	—	—	0.67	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.7	—	—	0.67	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	932	—	—	2	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	1040	—	—	40	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	1070	—	—	40	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	1010	—	—	40	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	1070	—	—	40	µg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	894	—	—	2	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.232	—	—	0.033	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	—	0.033	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.268	—	—	0.033	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	188	—	—	0.453	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	194	—	—	0.453	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	197	—	—	0.453	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	187	—	—	0.453	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	179	—	—	0.453	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	190	—	—	0.453	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.3	—	—	0.11	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.1	—	—	0.11	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.2	—	—	0.11	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.4	—	—	0.11	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	13.8	—	—	0.11	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.5	—	—	0.11	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.523	—	—	0.165	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.543	—	—	0.165	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.547	—	—	0.165	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.619	—	—	0.165	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.523	—	—	0.165	µg/L	Y	—	U	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.493	—	—	0.165	µg/L	Y	J	J	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	24.3	—	—	0.5	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.4	—	—	0.5	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	24.4	—	—	0.5	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.4	—	—	0.5	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	24.4	—	—	0.5	µg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	25.6	—	—	0.5	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.65	—	—	0.17	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.44	—	—	0.17	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.34	—	—	0.17	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	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	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.55	—	—	0.085	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.08	—	—	0.17	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.26	—	—	0.1	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.19	—	—	0.1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.34	—	—	0.1	µg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.4	—	—	0.1	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.42	—	—	0.05	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.51	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.57	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.28	—	—	0.05	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	0.0725	—	—	0.053	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.2	—	—	0.1	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	504	—	—	1	µS/cm	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	484	—	—	1	µS/cm	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	483	—	—	1	µS/cm	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	488	—	—	1	µS/cm	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	478	—	—	1	µS/cm	Y	—	NQ	12-1481	CAMO-12-21744	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	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	480	—	—	1	µS/cm	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	206	—	—	1	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	203	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	206	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	195	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	188	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	200	—	—	1	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	75	—	—	1.33	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	76.2	—	—	0.665	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	76	—	—	0.665	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	77.7	—	—	0.665	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	71.6	—	—	1.33	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	73.4	—	—	1.33	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	321	—	—	3.4	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	317	—	—	3.4	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	307	—	—	3.4	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	347	—	—	3.4	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	321	—	—	3.4	mg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	346	—	—	3.4	mg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.109	—	—	0.033	mg/L	Y	—	NQ	2013-808	CAMO-13-30577	GELC
R-42	931.8	02/01/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-502	CAMO-13-28409	GELC
R-42	931.8	02/01/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0671	—	—	0.033	mg/L	Y	J	U	2013-502	CAMO-13-28405	GELC
R-42	931.8	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.188	—	—	0.035	mg/L	Y	—	U	2013-259	CAMO-13-24244	GELC
R-42	931.8	08/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1481	CAMO-12-21736	GELC
R-42	931.8	05/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.124	—	—	0.035	mg/L	Y	—	NQ	12-1319	CAMO-12-14009	GELC
R-42	931.8	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	NQ	2013-808	CAMO-13-30577	GELC
R-42	931.8	02/01/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.918	—	—	0.33	mg/L	Y	J	J	2013-502	CAMO-13-28409	GELC
R-42	931.8	02/01/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.904	—	—	0.33	mg/L	Y	J	J	2013-502	CAMO-13-28405	GELC
R-42	931.8	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.744	—	—	0.33	mg/L	Y	J	U	2013-259	CAMO-13-24244	GELC
R-42	931.8	08/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.1	—	—	0.33	mg/L	Y	—	NQ	12-1481	CAMO-12-21736	GELC
R-42	931.8	05/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.651	—	—	0.33	mg/L	Y	J	J	12-1319	CAMO-12-14009	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.06	—	—	0.017	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0488	—	—	0.017	mg/L	Y	J	U	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.052	—	—	0.017	mg/L	Y	—	U	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	4.03	—	—	0.085	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.071	—	—	0.017	mg/L	Y	—	U	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.019	—	—	0.017	mg/L	Y	J	J	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.864	—	—	0.067	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.831	—	—	0.067	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.871	—	—	0.067	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.812	—	—	0.067	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.798	—	—	0.067	µg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.825	—	—	0.067	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.39	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.79	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.37	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.06	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.74	—	—	1	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7	—	—	3.3	µg/L	Y	J	J	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.86	—	—	3.3	µg/L	Y	J	J	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.91	—	—	3.3	µg/L	Y	J	J	2013-502	CAMO-13-28406	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	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.78	—	—	3.3	µg/L	Y	J	J	2013-259	CAMO-13-24261	GELC
R-42	931.8	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	8.64	—	—	3.3	µg/L	Y	J	J	12-1481	CAMO-12-21744	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.9	—	—	3.3	µg/L	Y	—	NQ	12-1319	CAMO-12-14024	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	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	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	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	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	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	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.1	—	—	0.725	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.9	—	—	0.725	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.8	—	—	0.725	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.3	—	—	0.725	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.9	—	—	0.725	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.2	—	—	1	µg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0979	—	—	0.067	mg/L	Y	J	J	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0975	—	—	0.067	mg/L	Y	J	J	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0793	—	—	0.067	mg/L	Y	J	J	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.03	—	—	0.067	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.26	—	—	0.067	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.11	—	—	0.067	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.16	—	—	0.067	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	50.5	—	—	2	µg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	43.1	—	—	2	µg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	49.6	—	—	2	µg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	42.2	—	—	2	µg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	34.5	—	—	2	µg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	—	0.033	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.406	—	—	0.033	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.398	—	—	0.033	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62	—	—	0.453	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	0.453	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.9	—	—	0.453	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.88	—	—	0.11	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.11	—	—	0.11	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.31	—	—	0.165	µg/L	Y	—	U	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.165	µg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.36	—	—	0.5	µg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.26	—	—	0.5	µg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.21	—	—	0.5	µg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.24	—	—	0.5	µg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.7	—	—	0.5	µg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.38	—	—	0.17	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.05	—	—	0.085	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.35	—	—	0.085	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.92	—	—	0.17	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.14	—	—	0.17	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.895	—	—	0.05	µg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.984	—	—	0.1	µg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.905	—	—	0.1	µg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.99	—	—	0.1	µg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.988	—	—	0.1	µg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.37	—	—	1.5	µg/L	Y	J	J	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	3.54	—	—	1.5	µg/L	Y	J	J	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.07	—	—	1.5	µg/L	Y	J	J	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.05	—	—	1.5	µg/L	Y	J	J	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.25	—	—	1.5	µg/L	Y	J	J	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78	—	—	0.053	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.6	—	—	0.053	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.5	—	—	0.053	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	71.9	—	—	1	µg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.6	—	—	1	µg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.9	—	—	1	µg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.6	—	—	1	µg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.4	—	—	1	µg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.3	—	—	0.133	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.8	—	—	0.133	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.3	—	—	0.133	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.8	—	—	0.133	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.7	—	—	0.133	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.756	—	—	0.33	mg/L	Y	J	J	2013-856	CASA-13-30546	GELC
R-43 S1	903.9	02/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1	—	—	0.33	mg/L	Y	—	NQ	2013-516	CASA-13-28358	GELC
R-43 S1	903.9	11/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.506	—	—	0.33	mg/L	Y	J	J	2013-286	CASA-13-24213	GELC
R-43 S1	903.9	08/14/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.782	—	—	0.33	mg/L	Y	J	J	12-1496	CASA-12-21644	GELC
R-43 S1	903.9	05/22/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1315	CASA-12-14058	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0316	—	—	0.017	mg/L	Y	J	J	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0206	—	—	0.017	mg/L	Y	J	U	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.052	—	—	0.017	mg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0459	—	—	0.017	mg/L	Y	J	J	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0326	—	—	0.017	mg/L	Y	J	J	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.095	—	—	0.067	µg/L	Y	J	J	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.122	—	—	0.067	µg/L	Y	J	U	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.123	—	—	0.067	µg/L	Y	J	J	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.095	—	—	0.067	µg/L	Y	J	U	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.116	—	—	0.067	µg/L	Y	J	J	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.01	—	—	1	µg/L	Y	—	NQ	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.02	—	—	1	µg/L	Y	—	NQ	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.04	—	—	1	µg/L	Y	—	NQ	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.45	—	—	1	µg/L	Y	—	NQ	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.07	—	—	1	µg/L	Y	—	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	05/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.67	—	—	3.3	µg/L	Y	J	J	2013-856	CASA-13-30554	GELC
R-43 S1	903.9	02/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-516	CASA-13-28362	GELC
R-43 S1	903.9	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.89	—	—	3.3	µg/L	Y	J	J	2013-286	CASA-13-24221	GELC
R-43 S1	903.9	08/14/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.86	—	—	3.3	µg/L	Y	J	J	12-1496	CASA-12-21648	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	5.68	—	—	3.3	µg/L	Y	J	U	12-1315	CASA-12-14063	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.72	—	—	0.01	SU	Y	H	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.84	—	—	0.01	SU	Y	H	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.83	—	—	0.01	SU	Y	H	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.71	—	—	0.01	SU	Y	H	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.49	—	—	0.01	SU	Y	H	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.12	—	—	0.725	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	10.5	—	—	0.725	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.44	—	—	0.725	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	10.6	—	—	0.725	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	7.25	—	—	0.725	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	0.725	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.5	—	—	0.725	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.6	—	—	0.725	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	—	0.725	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	0.725	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.1	—	—	1	µg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.2	—	—	1	µg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.6	—	—	1	µg/L	Y	—	NQ	2013-286	CASA-13-24222	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	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.1	—	—	1	µg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16	—	—	1	µg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	34.4	—	—	15	µg/L	Y	J	J	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	37.2	—	—	15	µg/L	Y	J	J	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	38.6	—	—	15	µg/L	Y	J	J	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	35.2	—	—	15	µg/L	Y	J	J	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0687	—	—	0.067	mg/L	Y	J	J	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.074	—	—	0.067	mg/L	Y	J	J	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.23	—	—	0.067	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.81	—	—	0.067	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.87	—	—	0.067	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.72	—	—	0.067	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	0.067	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3	—	—	2	µg/L	Y	J	J	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.44	—	—	2	µg/L	Y	J	J	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.45	—	—	2	µg/L	Y	J	J	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.85	—	—	2	µg/L	Y	J	J	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.45	—	—	2	µg/L	Y	J	J	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.033	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.347	—	—	0.033	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.285	—	—	0.033	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.337	—	—	0.033	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.1	—	—	0.453	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.1	—	—	0.453	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63	—	—	0.453	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.4	—	—	0.453	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.76	—	—	0.11	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.92	—	—	0.11	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.68	—	—	0.11	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.43	—	—	0.11	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.165	µg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.47	—	—	0.165	µg/L	Y	—	U	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	0.165	µg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.57	—	—	0.165	µg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.165	µg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.577	—	—	0.5	µg/L	Y	J	J	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.19	—	—	0.5	µg/L	Y	J	J	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.745	—	—	0.5	µg/L	Y	J	J	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.695	—	—	0.5	µg/L	Y	J	J	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.638	—	—	0.5	µg/L	Y	J	J	12-1315	CASA-12-14064	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	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.017	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.085	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.017	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.33	—	—	0.085	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.085	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.474	—	—	0.05	µg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.517	—	—	0.05	µg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.472	—	—	0.05	µg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.497	—	—	0.05	µg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	J-	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.9	—	—	0.053	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.2	—	—	0.1	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	1	µS/cm	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186	—	—	1	µS/cm	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	95.3	—	—	1	µg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.82	—	—	0.133	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.39	—	—	0.133	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.59	—	—	0.133	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.15	—	—	0.133	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.15	—	—	0.133	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.772	—	—	0.33	mg/L	Y	J	J	2013-847	CASA-13-30547	GELC
R-43 S2	969.1	02/07/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.645	—	—	0.33	mg/L	Y	J	J	2013-518	CASA-13-28359	GELC
R-43 S2	969.1	11/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2013-286	CASA-13-24214	GELC
R-43 S2	969.1	08/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.641	—	—	0.33	mg/L	Y	J	J	12-1495	CASA-12-21645	GELC
R-43 S2	969.1	05/22/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1315	CASA-12-14059	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.883	—	—	0.067	µg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.978	—	—	0.067	µg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.02	—	—	0.067	µg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.02	—	—	0.067	µg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	05/14/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.94	—	—	1	µg/L	Y	—	NQ	2013-847	CASA-13-30555	GELC
R-43 S2	969.1	02/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.54	—	—	1	µg/L	Y	—	NQ	2013-518	CASA-13-28363	GELC
R-43 S2	969.1	11/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.95	—	—	1	µg/L	Y	—	NQ	2013-286	CASA-13-24222	GELC
R-43 S2	969.1	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.09	—	—	1	µg/L	Y	—	NQ	12-1495	CASA-12-21649	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	12-1315	CASA-12-14064	GELC
R-44 S1	895	05/09/13	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	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	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	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	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	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	0.725	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	0.725	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	0.725	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	0.73	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57	—	—	0.73	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	J	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.067	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	—	0.067	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.066	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.066	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.5	—	—	2	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.5	—	—	2	µg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.5	—	—	2	µg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.9	—	—	2	µg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.6	—	—	2	µg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.033	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.28	—	—	0.033	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.293	—	—	0.033	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.2	—	—	0.453	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.9	—	—	0.453	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.5	—	—	0.45	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.6	—	—	0.45	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.91	—	—	0.11	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	12-378	CAMO-12-1498	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	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.44	—	—	0.11	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.849	—	—	0.165	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.879	—	—	0.165	µg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.856	—	—	0.165	µg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.903	—	—	0.17	µg/L	Y	—	J	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.79	—	—	0.17	µg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.22	—	—	0.5	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.864	—	—	0.5	µg/L	Y	J	J	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.03	—	—	0.5	µg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.986	—	—	0.017	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	—	0.085	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.307	—	—	0.085	mg/L	Y	—	U	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.298	—	—	0.01	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.16	—	—	0.05	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	J	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	J-	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.3	—	—	0.053	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.6	—	—	0.053	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.93	—	—	0.1	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.96	—	—	0.1	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.25	—	—	0.1	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.37	—	—	0.1	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.5	—	—	1	µg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.1	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64	—	—	1	µg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54	—	—	1	µg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.26	—	—	0.133	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.33	—	—	0.133	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.29	—	—	0.133	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.06	—	—	0.1	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	—	0.1	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	NQ	2013-830	CAMO-13-30578	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	11/12/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.707	—	—	0.33	mg/L	Y	J	J	2013-307	CAMO-13-24245	GELC
R-44 S1	895	05/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1321	CAMO-12-14010	GELC
R-44 S1	895	11/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.383	—	—	0.33	mg/L	Y	J	U	12-377	CAMO-12-1500	GELC
R-44 S1	895	08/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.431	—	—	0.33	mg/L	Y	J	J	11-3066	CAMO-11-24645	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.429	—	—	0.067	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.461	—	—	0.067	µg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.453	—	—	0.067	µg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.405	—	—	0.067	µg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.58	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.95	—	—	1	µg/L	Y	J	J	2013-307	CAMO-13-24262	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	6.35	—	—	1	µg/L	Y	—	U	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.17	—	—	1	µg/L	Y	J	J	11-3066	CAMO-11-24646	GELC
R-44 S2	985.3	05/09/13	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	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	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	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	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	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J-	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.725	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	0.725	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.7	—	—	0.725	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.1	—	—	0.73	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.9	—	—	0.73	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.7	—	—	1	µg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	J	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	—	0.067	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.066	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.066	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.02	—	—	2	µg/L	Y	J	J	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.74	—	—	2	µg/L	Y	J	J	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.01	—	—	2	µg/L	Y	J	J	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.39	—	—	2	µg/L	Y	J	J	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6.1	—	—	2	µg/L	Y	J	J	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.314	—	—	0.033	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.374	—	—	0.033	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	—	0.033	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.34	—	—	0.033	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.9	—	—	0.453	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52	—	—	0.453	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.8	—	—	0.453	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.6	—	—	0.45	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.5	—	—	0.45	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.04	—	—	0.11	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.31	—	—	0.11	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.13	—	—	0.11	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.04	—	—	2	µg/L	Y	J	J	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.77	—	—	2	µg/L	Y	J	J	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.36	—	—	2	µg/L	Y	J	J	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.38	—	—	2	µg/L	Y	J	J	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.768	—	—	0.165	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.84	—	—	0.165	µg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.835	—	—	0.165	µg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.809	—	—	0.17	µg/L	Y	—	U	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.717	—	—	0.17	µg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.661	—	—	0.5	µg/L	Y	J	J	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.927	—	—	0.5	µg/L	Y	J	J	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.523	—	—	0.5	µg/L	Y	J	J	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.565	—	—	0.017	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.626	—	—	0.017	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.735	—	—	0.085	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.163	—	—	0.01	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	—	0.05	mg/L	Y	—	J	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.15	—	—	0.05	mg/L	Y	—	J	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77	—	—	0.053	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.51	—	—	0.1	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.4	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.6	—	—	1	µg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.1	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	57.3	—	—	1	µg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.3	—	—	1	µg/L	Y	—	NQ	11-3066	CAMO-11-24647	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	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.86	—	—	0.133	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.133	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	—	0.133	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.76	—	—	0.1	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.92	—	—	0.1	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.692	—	—	0.33	mg/L	Y	J	J	2013-830	CAMO-13-30579	GELC
R-44 S2	985.3	11/12/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.906	—	—	0.33	mg/L	Y	J	J	2013-307	CAMO-13-24246	GELC
R-44 S2	985.3	05/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1321	CAMO-12-14011	GELC
R-44 S2	985.3	11/17/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-377	CAMO-12-1502	GELC
R-44 S2	985.3	08/05/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.597	—	—	0.33	mg/L	Y	J	J	11-3066	CAMO-11-24648	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.515	—	—	0.067	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.558	—	—	0.067	µg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.606	—	—	0.067	µg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.56	—	—	0.067	µg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.483	—	—	0.067	µg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.16	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.25	—	—	1	µg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.87	—	—	1	µg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5.08	—	—	1	µg/L	Y	—	U	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.71	—	—	1	µg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-45 S1	880	05/09/13	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	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	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	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	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	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	0.725	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	0.725	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	0.725	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.1	—	—	0.73	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.5	—	—	0.73	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	J	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.8	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.06	—	—	0.067	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.97	—	—	0.067	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.88	—	—	0.067	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.62	—	—	0.066	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.75	—	—	0.066	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	24.1	—	—	2	µg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	23	—	—	2	µg/L	Y	—	NQ	2013-276	CAMO-13-24264	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	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	19	—	—	2	µg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	20.9	—	—	2	µg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.9	—	—	2	µg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	—	0.033	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.351	—	—	0.033	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	—	0.033	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69	—	—	0.453	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68	—	—	0.453	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.3	—	—	0.453	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.6	—	—	0.45	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	—	0.45	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.11	—	—	0.11	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.24	—	—	0.11	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.86	—	—	0.11	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.89	—	—	0.11	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.82	—	—	0.11	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.733	—	—	0.165	µg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.908	—	—	0.165	µg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.794	—	—	0.165	µg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.856	—	—	0.17	µg/L	Y	—	U	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.748	—	—	0.17	µg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.59	—	—	0.5	µg/L	Y	J	J	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.22	—	—	0.5	µg/L	Y	J	J	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.893	—	—	0.5	µg/L	Y	J	J	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.36	—	—	0.5	µg/L	Y	J	J	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.085	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.65	—	—	0.425	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.53	—	—	0.085	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.4	—	—	0.05	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.17	—	—	0.05	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	J	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.6	—	—	0.053	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.9	—	—	0.053	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.4	—	—	0.053	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	1	µS/cm	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	12-363	CAMO-12-1492	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	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	84.2	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	81.7	—	—	1	µg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	76.8	—	—	1	µg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	79.9	—	—	1	µg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	78.1	—	—	1	µg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.17	—	—	0.133	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.42	—	—	0.133	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.99	—	—	0.133	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.59	—	—	0.1	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.39	—	—	0.1	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.658	—	—	0.33	mg/L	Y	J	J	2013-830	CAMO-13-30580	GELC
R-45 S1	880	11/06/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2013-276	CAMO-13-24247	GELC
R-45 S1	880	05/22/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1314	CAMO-12-14012	GELC
R-45 S1	880	11/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-362	CAMO-12-1494	GELC
R-45 S1	880	08/01/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-2990	CAMO-11-24642	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.827	—	—	0.067	µg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.8	—	—	0.067	µg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.835	—	—	0.067	µg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.896	—	—	0.067	µg/L	Y	—	J	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.35	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.25	—	—	1	µg/L	Y	—	NQ	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.76	—	—	1	µg/L	Y	J	J	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5.78	—	—	1	µg/L	Y	—	U	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.41	—	—	1	µg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.05	—	—	3.3	µg/L	Y	J	J	2013-830	CAMO-13-30596	GELC
R-45 S1	880	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-276	CAMO-13-24264	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	11.9	—	—	3.3	µg/L	Y	—	U	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.82	—	—	3.3	µg/L	Y	J	J	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.47	—	—	3.3	µg/L	Y	J	J	11-2990	CAMO-11-24641	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	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	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	J-	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	J-	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.1	—	—	0.725	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	—	0.725	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	0.725	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.2	—	—	0.73	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	—	0.73	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.9	—	—	1	µg/L	Y	—	J	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	28.5	—	—	1	µg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	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	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.4	—	—	0.067	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.43	—	—	0.067	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.37	—	—	0.067	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.16	—	—	0.066	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.34	—	—	0.066	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.1	—	—	2	µg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.5	—	—	2	µg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.99	—	—	2	µg/L	Y	J	J	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.5	—	—	2	µg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.91	—	—	2	µg/L	Y	J	J	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.352	—	—	0.033	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	—	0.033	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	—	0.033	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.398	—	—	0.033	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.6	—	—	0.453	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	—	0.453	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.7	—	—	0.453	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.1	—	—	0.45	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.9	—	—	0.45	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.22	—	—	0.11	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.66	—	—	0.11	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.874	—	—	0.165	µg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.942	—	—	0.165	µg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.914	—	—	0.165	µg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.18	—	—	0.17	µg/L	Y	—	U	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.802	—	—	0.17	µg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.13	—	—	0.5	µg/L	Y	J	J	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.999	—	—	0.5	µg/L	Y	J	J	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.73	—	—	0.5	µg/L	Y	J	J	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.45	—	—	0.5	µg/L	Y	J	J	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.85	—	—	0.5	µg/L	Y	J	J	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.589	—	—	0.017	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	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	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.68	—	—	0.085	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.6	—	—	0.05	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.65	—	—	0.05	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	J	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	82.5	—	—	0.053	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	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	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	80.3	—	—	0.053	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	167	—	—	1	µS/cm	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	167	—	—	1	µS/cm	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.3	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	75.6	—	—	1	µg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	68.1	—	—	1	µg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	75.1	—	—	1	µg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.5	—	—	1	µg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.06	—	—	0.133	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.38	—	—	0.133	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.24	—	—	0.133	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.27	—	—	0.1	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.21	—	—	0.1	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.77	—	—	0.33	mg/L	Y	J	J	2013-830	CAMO-13-30581	GELC
R-45 S2	974.9	11/06/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2013-276	CAMO-13-24248	GELC
R-45 S2	974.9	05/22/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-1314	CAMO-12-14013	GELC
R-45 S2	974.9	11/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	12-362	CAMO-12-1497	GELC
R-45 S2	974.9	08/01/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-2990	CAMO-11-24644	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.651	—	—	0.067	µg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.746	—	—	0.067	µg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.717	—	—	0.067	µg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.784	—	—	0.067	µg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.766	—	—	0.067	µg/L	Y	—	J	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.94	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30597	GELC
R-45 S2	974.9	11/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.69	—	—	1	µg/L	Y	—	NQ	2013-276	CAMO-13-24265	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.55	—	—	1	µg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.94	—	—	1	µg/L	Y	—	J	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.86	—	—	1	µg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-50 S1	1077	05/10/13	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	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	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	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	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	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.9	—	—	0.725	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.2	—	—	0.725	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	0.725	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.725	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.5	—	—	0.725	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	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	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.7	—	—	1	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.4	—	—	1	µg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.7	—	—	1	µg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.6	—	—	1	µg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0953	—	—	0.067	mg/L	Y	J	J	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0775	—	—	0.067	mg/L	Y	J	J	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.34	—	—	0.067	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.7	—	—	0.067	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.07	—	—	0.067	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.14	—	—	0.067	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.79	—	—	0.067	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	103	—	—	2	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	98.1	—	—	2	µg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.79	—	—	2	µg/L	N	J	R	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	96.3	—	—	2	µg/L	Y	—	NQ	2013-306-1	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	87.4	—	—	2	µg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	98.3	—	—	2	µg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.337	—	—	0.033	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.336	—	—	0.033	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.1	—	—	0.453	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.3	—	—	0.453	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.5	—	—	0.453	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.9	—	—	0.453	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.08	—	—	0.11	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.8	—	—	0.11	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.09	—	—	0.11	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.41	—	—	0.11	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.64	—	—	0.11	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.165	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.23	—	—	0.165	µg/L	Y	—	U	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	N	—	R	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	0.165	µg/L	Y	—	NQ	2013-306-1	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.75	—	—	0.165	µg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.6	—	—	0.165	µg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.2	—	—	0.5	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.35	—	—	0.5	µg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.7	—	—	0.5	µg/L	N	J	R	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.11	—	—	0.5	µg/L	Y	—	NQ	2013-306-1	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.01	—	—	0.5	µg/L	Y	—	NQ	12-1503	CAMO-12-21745	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	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.5	—	—	0.5	µg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.45	—	—	0.017	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.59	—	—	0.085	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	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	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.81	—	—	0.085	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.72	—	—	0.085	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.556	—	—	0.05	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.58	—	—	0.05	µg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.552	—	—	0.05	µg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.555	—	—	0.05	µg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.582	—	—	0.05	µg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µS/cm	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	184	—	—	1	µS/cm	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.6	—	—	1	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	64.2	—	—	1	µg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.8	—	—	1	µg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.1	—	—	1	µg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63	—	—	1	µg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.3	—	—	0.133	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	—	—	0.133	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	—	0.133	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.4	—	—	0.133	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0794	—	—	0.033	mg/L	Y	J	J	2013-832	CAMO-13-30582	GELC
R-50 S1	1077	02/04/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-508	CAMO-13-28410	GELC
R-50 S1	1077	11/09/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0786	—	—	0.035	mg/L	Y	J	J+	2013-306	CAMO-13-24249	GELC
R-50 S1	1077	08/15/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1503	CAMO-12-21737	GELC
R-50 S1	1077	05/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0765	—	—	0.035	mg/L	Y	J	J	12-1334	CAMO-12-14014	GELC
R-50 S1	1077	05/10/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.28	—	—	0.33	mg/L	Y	—	NQ	2013-832	CAMO-13-30582	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	02/04/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.08	—	—	0.33	mg/L	Y	—	NQ	2013-508	CAMO-13-28410	GELC
R-50 S1	1077	11/09/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.4	—	—	0.33	mg/L	Y	—	NQ	2013-306	CAMO-13-24249	GELC
R-50 S1	1077	08/15/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	—	0.33	mg/L	Y	—	NQ	12-1503	CAMO-12-21737	GELC
R-50 S1	1077	05/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.67	—	—	0.33	mg/L	Y	—	NQ	12-1334	CAMO-12-14014	GELC
R-50 S1	1077	05/10/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	20.514	3.252	2.41	—	pCi/L	Y	—	J-	2013-849	CAMO-13-30582	ARSL
R-50 S1	1077	11/09/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	22.455	3.603	3.008	—	pCi/L	Y	—	J-	2013-313	CAMO-13-24249	ARSL
R-50 S1	1077	05/31/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	23.236	3.631	2.236	—	pCi/L	Y	—	NQ	12-1342	CAMO-12-14014	ARSL
R-50 S1	1077	11/18/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	24.75	3.98	3.41	—	pCi/L	Y	—	NQ	12-436	CAMO-12-1505	ARSL
R-50 S1	1077	08/04/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	12.7512	2.1574	2.5438	—	pCi/L	Y	—	NQ	11-3040	CAMO-11-24673	ARSL
R-50 S1	1077	08/04/11	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	16.2932	2.6404	2.2862	—	pCi/L	Y	—	NQ	11-3040	CAMO-11-24675	ARSL
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.555	—	—	0.067	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.568	—	—	0.067	µg/L	Y	—	NQ	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.636	—	—	0.067	µg/L	N	—	R	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.573	—	—	0.067	µg/L	Y	—	NQ	2013-306-1	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.623	—	—	0.067	µg/L	Y	—	NQ	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.15	—	—	1	µg/L	Y	—	NQ	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.97	—	—	1	µg/L	Y	J	J	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.32	—	—	1	µg/L	Y	—	NQ	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.91	—	—	1	µg/L	Y	J	J	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.82	—	—	1	µg/L	Y	J	J	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.59	—	—	3.3	µg/L	Y	J	J	2013-832	CAMO-13-30598	GELC
R-50 S1	1077	02/04/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.74	—	—	3.3	µg/L	Y	J	J	2013-508	CAMO-13-28418	GELC
R-50 S1	1077	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-306	CAMO-13-24266	GELC
R-50 S1	1077	08/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1503	CAMO-12-21745	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	8.81	—	—	3.3	µg/L	Y	J	J	12-1334	CAMO-12-14029	GELC
R-50 S2	1185	05/13/13	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	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	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	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	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	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	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	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	0.725	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	N	1	—	—	0.725	mg/L	Y	U	U	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	0.725	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.725	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.1	—	—	0.725	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.3	—	—	1	µg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.9	—	—	1	µg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.07	—	—	0.067	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.18	—	—	2	µg/L	Y	J	J	2013-841	CAMO-13-30599	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	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.19	—	—	2	µg/L	Y	J	J	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.6	—	—	2	µg/L	N	—	R	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.25	—	—	2	µg/L	Y	J	J	2013-306-1	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.17	—	—	2	µg/L	Y	J	J	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.99	—	—	2	µg/L	Y	J	J	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.423	—	—	0.033	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.335	—	—	0.033	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.401	—	—	0.033	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.033	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.39	—	—	0.033	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	0.453	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.8	—	—	0.453	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.9	—	—	0.453	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.7	—	—	0.453	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.66	—	—	0.11	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.93	—	—	0.11	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.92	—	—	0.11	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.165	µg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.895	—	—	0.165	µg/L	N	—	R	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.165	µg/L	Y	—	NQ	2013-306-1	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.87	—	—	0.5	µg/L	Y	J	J	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.36	—	—	0.5	µg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.866	—	—	0.5	µg/L	N	J	R	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.61	—	—	0.5	µg/L	Y	J	J	2013-306-1	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.38	—	—	0.5	µg/L	Y	J	J	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.45	—	—	0.5	µg/L	Y	J	J	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.407	—	—	0.017	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.445	—	—	0.017	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.471	—	—	0.017	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.975	—	—	0.085	mg/L	N	—	R	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	08/16/12	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.495	—	—	0.017	mg/L	Y	H	NQ	12-1506-1	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.55	—	—	0.085	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.306	—	—	0.05	µg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.296	—	—	0.05	µg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.33	—	—	0.05	µg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.341	—	—	0.05	µg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.17	—	—	0.05	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	81.8	—	—	0.053	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.3	—	—	0.053	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	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	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.7	—	—	0.053	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.39	—	—	0.1	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.7	—	—	1	µg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.4	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.4	—	—	1	µg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.6	—	—	1	µg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.51	—	—	0.133	mg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.59	—	—	0.133	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.48	—	—	0.133	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.49	—	—	0.133	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	J	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.717	—	—	0.33	mg/L	Y	J	J	2013-841	CAMO-13-30583	GELC
R-50 S2	1185	01/31/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.934	—	—	0.33	mg/L	Y	J	J	2013-502	CAMO-13-28411	GELC
R-50 S2	1185	11/09/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.761	—	—	0.33	mg/L	Y	J	J	2013-306	CAMO-13-24250	GELC
R-50 S2	1185	08/16/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.534	—	—	0.33	mg/L	Y	J	J	12-1506	CAMO-12-21738	GELC
R-50 S2	1185	05/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.663	—	—	0.33	mg/L	Y	J	J	12-1334	CAMO-12-14015	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.544	—	—	0.067	µg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.576	—	—	0.067	µg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.463	—	—	0.067	µg/L	N	—	R	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	11/09/12	WG	F	RE	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.574	—	—	0.067	µg/L	Y	—	NQ	2013-306-1	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.62	—	—	0.067	µg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.603	—	—	0.067	µg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.67	—	—	1	µg/L	Y	—	NQ	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.01	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.61	—	—	1	µg/L	Y	J	J	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.23	—	—	1	µg/L	Y	—	NQ	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.32	—	—	1	µg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	05/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.59	—	—	3.3	µg/L	Y	J	J	2013-841	CAMO-13-30599	GELC
R-50 S2	1185	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.09	—	—	3.3	µg/L	Y	J	J	2013-502	CAMO-13-28419	GELC
R-50 S2	1185	11/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-306	CAMO-13-24267	GELC
R-50 S2	1185	08/16/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.61	—	—	3.3	µg/L	Y	J	J	12-1506	CAMO-12-21746	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.6	—	—	3.3	µg/L	Y	J	J	12-1334	CAMO-12-14030	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.93	—	—	0.01	SU	Y	H	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.91	—	—	0.01	SU	Y	H	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.78	—	—	0.01	SU	Y	H	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.34	—	—	0.01	SU	Y	H	J-	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	J-	12-412	CAMO-12-1510	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	J-	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.2	—	—	0.725	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.6	—	—	0.725	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.7	—	—	0.725	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.3	—	—	0.73	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.7	—	—	0.73	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.2	—	—	0.73	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	143	—	—	68	µg/L	Y	J	J	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	117	—	—	68	µg/L	Y	J	J	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	Y	107	—	—	68	µg/L	Y	J	J	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0023	0.00513	0.0445	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00246	0.0055	0.028	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00514	0.0036	0.052	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0104	0.0047	0.038	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00465	0.0033	0.042	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0098	0.0052	0.033	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.8	—	—	1	µg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.5	—	—	1	µg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.5	—	—	1	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	47	—	—	1	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	47.6	—	—	1	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.52	—	—	0.05	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	6.98	—	—	0.05	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	5.88	—	—	0.05	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.71	2.04	5.53	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.18	1.78	6.79	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.05	1.3	4.6	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.572	1.5	5.6	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.6	1.3	5.1	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0929	1.2	3.7	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.1	—	—	0.067	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.96	—	—	0.067	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.17	—	—	0.067	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.05	—	—	0.066	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	—	0.066	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.05	—	—	0.066	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.3	—	—	2	µg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.8	—	—	2	µg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.4	—	—	2	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.03	—	—	2	µg/L	Y	J	J	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.84	—	—	2	µg/L	Y	J	J	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.68	—	—	2	µg/L	Y	J	J	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.898	1.52	6.03	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.487	1.39	5.2	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	1.3	4.3	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.3	1.5	6.4	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.16	1.2	5.7	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.95	1.4	4.7	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.444	—	—	0.033	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.603	—	—	0.033	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.589	—	—	0.033	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.329	—	—	0.033	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.318	—	—	0.033	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.26	0.386	0.99	—	pCi/L	Y	—	NQ	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.93	1.18	2.28	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.77	1	2.3	—	pCi/L	Y	—	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.25	1.3	2.5	—	pCi/L	Y	—	NQ	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.35	0.97	2.4	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.18	0.71	2.2	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	10.5	1.22	2.22	—	pCi/L	Y	—	NQ	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	22.8	1.71	2.17	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.431	0.56	2	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.44	0.76	2.4	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.56	0.74	2.2	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.75	0.98	2.9	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.7	—	—	0.453	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	29.3	—	—	0.453	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	24.5	—	—	0.453	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.4	—	—	0.45	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.3	—	—	0.45	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.5	—	—	0.45	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	40.7	—	—	30	µg/L	Y	J	J	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	87.6	—	—	30	µg/L	Y	J	J	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	72	—	—	30	µg/L	Y	J	J	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1150	—	—	30	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	909	—	—	30	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	920	—	—	30	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.38	—	—	0.11	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.02	—	—	0.11	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.83	—	—	0.11	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	17.2	—	—	2	µg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	16.6	—	—	2	µg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	33.7	—	—	2	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	554	—	—	2	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	902	—	—	2	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	914	—	—	2	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.63	—	—	0.165	µg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.22	—	—	0.165	µg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.14	—	—	0.165	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.73	—	—	0.17	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.67	—	—	0.17	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.49	—	—	0.17	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.95	3.36	11.8	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.8	3.36	12.2	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.47	2.9	10	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.51	3.2	12	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.67	2.7	9	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.9	2.6	8.3	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.1	—	—	0.5	µg/L	Y	J	J	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.22	—	—	0.5	µg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.66	—	—	0.5	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.57	—	—	0.5	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.25	—	—	0.5	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.34	—	—	0.5	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.63	—	—	0.085	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.63	—	—	0.085	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.58	—	—	0.085	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.68	—	—	0.05	mg/L	Y	—	NQ	12-734	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	5.82	—	—	0.5	µg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	6.22	—	—	0.5	µg/L	Y	—	J	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	6.13	—	—	0.5	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.37	—	—	0.5	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	5.9	—	—	0.5	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	5.96	—	—	0.5	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0189	0.00655	0.0281	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00309	0.00535	0.0297	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00424	0.003	0.027	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0038	0.0027	0.023	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00186	0.0032	0.022	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00225	0.0039	0.021	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0284	0.00779	0.0339	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00309	0.0069	0.0493	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00212	0.0056	0.031	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.0051	0.024	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00558	0.0032	0.023	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00225	0.0087	0.034	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	27.4	—	—	0.05	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	31.2	29.3	63.3	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	41.1	19.1	80.4	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	37	17	70	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.4	20	82	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-23.9	15	56	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.54	14	46	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	84.1	—	—	0.053	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	95.4	—	—	0.053	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	102	—	—	0.053	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.3	—	—	0.053	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.6	—	—	0.053	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	19.2	—	—	0.1	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.32	1.7	5.92	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.865	1.45	5.25	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.11	1.3	5.1	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.291	1.3	5	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.551	1.2	5	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.34	1.4	4.1	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	µS/cm	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µS/cm	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	1	µS/cm	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	35.2	—	—	1	µg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	29	—	—	1	µg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	25.8	—	—	1	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.2	—	—	1	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.3	—	—	1	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.7	—	—	1	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.379	0.15	0.486	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0396	0.131	0.486	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.141	0.14	0.48	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.216	0.13	0.49	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.224	0.15	0.49	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0782	0.14	0.49	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.55	—	—	0.133	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.11	—	—	0.133	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.41	—	—	0.133	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.04	—	—	0.1	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.59	—	—	0.1	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.57	—	—	0.1	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.31	—	—	0.33	mg/L	Y	—	NQ	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	02/11/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.18	—	—	0.33	mg/L	Y	—	NQ	2013-526	CAMO-13-28412	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.59	—	—	0.33	mg/L	Y	—	NQ	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.86	—	—	0.33	mg/L	Y	J	J	12-734	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.14	—	—	0.33	mg/L	Y	—	NQ	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.08	—	—	0.33	mg/L	Y	—	NQ	12-411	CAMO-12-1513	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	3.23	—	—	0.085	mg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	8.84	—	—	0.17	mg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	11.8	—	—	0.17	mg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S1	1125	02/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0531	—	—	0.015	mg/L	Y	—	NQ	12-734	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	U	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	UJ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	20.895	3.297	2.267	—	pCi/L	Y	—	J-	2013-876	CAMO-13-30584	ARSL
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	30.976	4.788	2.404	—	pCi/L	Y	—	NQ	2013-360	CAMO-13-24251	ARSL
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	31.26	4.8	1.85	—	pCi/L	Y	—	NQ	12-736	CAMO-12-2229	ARSL
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.63	5.19	2.46	—	pCi/L	Y	—	NQ	12-436	CAMO-12-1511	ARSL
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.26	5.1	2.05	—	pCi/L	Y	—	NQ	12-436	CAMO-12-1513	ARSL
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.0374	2.4472	2.2862	—	pCi/L	Y	—	NQ	11-3305	CAMO-11-24698	ARSL
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.193	—	—	0.067	µg/L	Y	J	J	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.229	—	—	0.067	µg/L	Y	—	NQ	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.255	—	—	0.067	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1	—	—	0.067	µg/L	Y	—	NQ	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.73	—	—	0.067	µg/L	Y	—	NQ	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.736	—	—	0.067	µg/L	Y	—	NQ	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.113	0.0215	0.0761	—	pCi/L	Y	—	J	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.168	0.0276	0.0695	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.813	0.066	0.048	—	pCi/L	Y	—	NQ	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.483	0.045	0.049	—	pCi/L	Y	—	NQ	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.526	0.047	0.045	—	pCi/L	Y	—	NQ	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.576	0.065	0.073	—	pCi/L	Y	—	NQ	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0041	0.0109	0.0353	—	pCi/L	Y	U	U	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0037	0.00979	0.0434	—	pCi/L	Y	U	U	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0234	0.0087	0.026	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0186	0.0074	0.027	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0234	0.0087	0.026	—	pCi/L	Y	U	U	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0186	0.0074	0.027	—	pCi/L	Y	U	U	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.021	0.008	0.025	—	pCi/L	Y	U	U	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.01	0.052	—	pCi/L	Y	U	U	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0796	0.0176	0.046	—	pCi/L	Y	—	J	2013-866	CAMO-13-30584	GELC
R-61 S1	1125	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.102	0.0189	0.0472	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24251	GELC
R-61 S1	1125	02/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.361	0.036	0.037	—	pCi/L	Y	—	NQ	12-735	CAMO-12-2229	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.248	0.028	0.027	—	pCi/L	Y	—	NQ	12-412	CAMO-12-1511	GELC
R-61 S1	1125	11/21/11	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.251	0.027	0.024	—	pCi/L	Y	—	NQ	12-412	CAMO-12-1513	GELC
R-61 S1	1125	08/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.312	0.043	0.063	—	pCi/L	Y	—	NQ	11-3263	CAMO-11-24698	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.35	—	—	1	µg/L	Y	—	NQ	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.46	—	—	1	µg/L	Y	J	J	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.21	—	—	1	µg/L	Y	J	J	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.99	—	—	1	µg/L	Y	J	J	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-412	CAMO-12-1515	GELC
R-61 S1	1125	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.61	—	—	3.3	µg/L	Y	J	J	2013-866	CAMO-13-30600	GELC
R-61 S1	1125	02/11/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.32	—	—	3.3	µg/L	Y	J	J	2013-526	CAMO-13-28420	GELC
R-61 S1	1125	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	22.1	—	—	3.3	µg/L	Y	—	NQ	2013-334	CAMO-13-24268	GELC
R-61 S1	1125	02/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-735	CAMO-12-2230	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-412	CAMO-12-1510	GELC
R-61 S1	1125	11/21/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-412	CAMO-12-1515	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.02	—	—	0.01	SU	Y	H	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.68	—	—	0.01	SU	Y	H	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.69	—	—	0.01	SU	Y	H	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.25	—	—	0.01	SU	Y	H	J-	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.2	—	—	0.01	SU	Y	H	J-	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.9	—	—	0.725	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68	—	—	0.725	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.5	—	—	0.725	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	0.73	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.8	—	—	0.73	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0173	0.0096	0.0376	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00325	0.0086	0.037	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00204	0.0079	0.041	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00192	0.0051	0.035	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00587	0.0059	0.049	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.3	—	—	1	µg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	44.7	—	—	1	µg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.4	—	—	1	µg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.1	—	—	15	µg/L	Y	J	J	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29	—	—	15	µg/L	Y	J	J	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.5	—	—	15	µg/L	Y	J	J	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.2	—	—	15	µg/L	Y	J	J	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.69	—	—	0.05	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.24	—	—	0.05	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.99	—	—	0.05	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.04	1.21	3.75	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.02	1.61	6	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.37	1.2	4.6	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.76	1.5	5.7	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-6.3	2.2	7.7	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.067	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.63	—	—	0.067	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.066	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.95	—	—	0.066	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.06	0.972	3.79	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.88	1.47	6.47	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.08	1.2	5.2	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.05	1.7	7	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.515	1.6	5.2	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.521	—	—	0.033	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.851	—	—	0.033	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.739	—	—	0.033	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	—	0.033	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.31	—	—	0.033	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.26	0.31	0.845	—	pCi/L	Y	—	J	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.49	1.45	2.39	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.147	0.42	2.4	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.293	0.49	2	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.14	0.61	1.7	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	10.9	1.27	2.35	—	pCi/L	Y	—	J	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	18.7	1.6	2.24	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.757	0.64	2.2	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.81	0.87	2.3	—	pCi/L	Y	—	NQ	12-399	CAMO-12-1516	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.69	0.82	2.2	—	pCi/L	Y	—	NQ	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.2	—	—	0.453	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.9	—	—	0.453	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.8	—	—	0.453	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	0.45	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	0.45	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	167	—	—	30	µg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1760	—	—	30	µg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	331	—	—	30	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	148	—	—	30	µg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	1750	—	—	30	µg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.37	—	—	0.11	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.59	—	—	0.11	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	71.4	—	—	2	µg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	174	—	—	2	µg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	91.5	—	—	2	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	744	—	—	2	µg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	566	—	—	2	µg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.34	—	—	0.165	µg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.79	—	—	0.165	µg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	6.81	—	—	0.165	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	4.71	—	—	0.17	µg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.76	—	—	0.17	µg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.771	3.39	7.44	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1	3.22	11	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.431	2.8	9.6	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.61	3.1	10	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.24	2.7	8.9	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.01	—	—	0.5	µg/L	Y	J	J	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.09	—	—	0.5	µg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.84	—	—	0.5	µg/L	Y	J	J	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.34	—	—	0.5	µg/L	Y	J	J	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.38	—	—	0.5	µg/L	Y	J	J	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.242	—	—	0.017	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.262	—	—	0.017	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.27	—	—	0.017	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.01	mg/L	Y	U	U	12-744	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.313	—	—	0.05	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.235	—	—	0.05	µg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.208	—	—	0.05	µg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.253	—	—	0.05	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.278	—	—	0.05	µg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.265	—	—	0.05	µg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00432	0.00529	0.0202	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00786	0.00694	0.0252	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00629	0.007	0.026	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0154	0.0066	0.021	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00255	0.0044	0.026	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0173	0.00748	0.0425	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0105	0.00741	0.0418	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00839	0.0066	0.031	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00683	0.0034	0.021	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0051	0.0062	0.049	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	24.4	—	—	0.05	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.9	13.4	50.5	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.7	22	85.5	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-35.6	17	57	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.14	20	74	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.24	21	74	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	91	—	—	0.053	mg/L	Y	—	J-	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	115	—	—	0.265	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	120	—	—	0.53	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.5	—	—	0.1	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	20.7	—	—	0.1	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.58	0.957	3.84	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.572	1.45	5.38	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.323	1.2	4.2	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.3	4.9	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0637	1.6	5.2	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	224	—	—	1	µS/cm	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164	—	—	1	µS/cm	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	31.9	—	—	1	µg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	40.8	—	—	1	µg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	33.6	—	—	1	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.4	—	—	1	µg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.1	—	—	1	µg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0161	0.139	0.472	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.122	0.143	0.499	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0985	0.14	0.47	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.294	0.15	0.49	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.144	0.15	0.5	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	—	0.133	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.87	—	—	0.133	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	—	0.133	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.1	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.13	—	—	0.1	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	J	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	239	—	—	3.4	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	256	—	—	3.4	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.205	—	—	0.033	mg/L	Y	—	NQ	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	02/12/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0995	—	—	0.033	mg/L	Y	J	J	2013-532	CAMO-13-28413	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.113	—	—	0.035	mg/L	Y	—	NQ	12-744	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.5	—	—	0.33	mg/L	Y	—	NQ	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	02/12/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	5.5	—	—	0.33	mg/L	Y	—	NQ	2013-532	CAMO-13-28413	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.65	—	—	0.33	mg/L	Y	—	NQ	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.864	—	—	0.33	mg/L	Y	J	J	12-744	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.49	—	—	0.33	mg/L	Y	—	NQ	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	4.67	—	—	0.085	mg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	19.7	—	—	0.17	mg/L	Y	—	NQ	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	19.1	—	—	0.17	mg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0389	—	—	0.015	mg/L	Y	J	J	12-744	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	U	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.575	0.69	2.289	—	pCi/L	Y	U	U	2013-877	CAMO-13-30585	ARSL
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.122	0.786	2.307	—	pCi/L	Y	U	U	2013-360	CAMO-13-24252	ARSL
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.97	0.67	1.89	—	pCi/L	Y	—	U	12-746	CAMO-12-2232	ARSL
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.25	0.64	2.17	—	pCi/L	Y	U	U	12-436	CAMO-12-1516	ARSL
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.2898	0.7084	2.3506	—	pCi/L	Y	U	U	11-3305	CAMO-11-24703	ARSL
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.087	—	—	0.067	µg/L	Y	J	J	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.224	—	—	0.067	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.719	—	—	0.067	µg/L	Y	—	NQ	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.759	—	—	0.067	µg/L	Y	—	NQ	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.212	0.0313	0.0912	—	pCi/L	Y	—	J	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.215	0.0315	0.0761	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.497	0.045	0.047	—	pCi/L	Y	—	NQ	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.472	0.044	0.047	—	pCi/L	Y	—	NQ	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.4	0.047	0.06	—	pCi/L	Y	—	NQ	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0103	0.0126	0.0709	—	pCi/L	Y	U	U	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00811	0.0475	—	pCi/L	Y	U	U	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0229	0.0086	0.025	—	pCi/L	Y	U	U	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0155	0.0067	0.026	—	pCi/L	Y	U	U	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0244	0.01	0.043	—	pCi/L	Y	U	U	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.124	0.0242	0.0582	—	pCi/L	Y	—	J	2013-886	CAMO-13-30585	GELC
R-61 S2	1220.4	11/15/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.197	0.0262	0.0516	—	pCi/L	Y	—	NQ	2013-334	CAMO-13-24252	GELC
R-61 S2	1220.4	02/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.294	0.031	0.036	—	pCi/L	Y	—	NQ	12-745	CAMO-12-2232	GELC
R-61 S2	1220.4	11/18/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.208	0.025	0.026	—	pCi/L	Y	—	NQ	12-399	CAMO-12-1516	GELC
R-61 S2	1220.4	08/19/11	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.266	0.037	0.051	—	pCi/L	Y	—	NQ	11-3277	CAMO-11-24703	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.88	—	—	1	µg/L	Y	—	NQ	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.16	—	—	1	µg/L	Y	J	J	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.11	—	—	1	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.51	—	—	1	µg/L	Y	J	J	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.07	—	—	1	µg/L	Y	J	J	12-399	CAMO-12-1518	GELC
R-61 S2	1220.4	05/22/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.42	—	—	3.3	µg/L	Y	J	J	2013-886	CAMO-13-30601	GELC
R-61 S2	1220.4	02/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.57	—	—	3.3	µg/L	Y	J	J	2013-532	CAMO-13-28421	GELC
R-61 S2	1220.4	11/15/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.4	—	—	3.3	µg/L	Y	—	NQ	2013-334	CAMO-13-24269	GELC
R-61 S2	1220.4	02/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-745	CAMO-12-2231	GELC
R-61 S2	1220.4	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-399	CAMO-12-1518	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	05/08/13	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	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.63	—	—	0.01	SU	Y	H	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.69	—	—	0.01	SU	Y	H	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.74	—	—	0.01	SU	Y	H	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.74	—	—	0.01	SU	Y	H	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.45	—	—	0.01	SU	Y	H	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	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	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.49	—	—	0.01	SU	Y	H	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.03	—	—	0.725	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.03	—	—	0.725	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.09	—	—	0.725	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.12	—	—	0.725	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.98	—	—	0.725	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.9	—	—	0.725	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.4	—	—	0.725	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.725	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	0.725	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.725	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	—	0.725	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	0.725	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	—	0.725	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00325	0.00562	0.0629	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00452	0.062	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	3.43E-10	0.00411	0.0234	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00436	0.00534	0.0248	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00885	0.0078	0.0404	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00691	0.00949	0.0393	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00273	0.0466	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00871	0.00435	0.0392	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.98	—	—	1.7	µg/L	Y	J	J	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.7	—	—	1	µg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.6	—	—	1	µg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.9	—	—	1	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0717	—	—	0.067	mg/L	Y	J	J	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.179	—	—	0.067	mg/L	Y	J	J	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.106	—	—	0.067	mg/L	Y	J	J	2013-297	CAMO-13-24270	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	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.137	—	—	0.067	mg/L	Y	J	J	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.118	—	—	0.067	mg/L	Y	J	J	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.075	—	—	0.067	mg/L	Y	J	J	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16	—	—	0.05	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.346	1.4	4.95	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.24	1.72	4.42	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.881	1.89	6.96	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	1.47	6.07	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.55	1.38	6.11	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.239	1.45	5.45	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.07	1.55	5.26	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.714	1.39	4.99	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.71	—	—	0.067	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.73	—	—	0.067	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.43	—	—	0.067	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.83	—	—	0.067	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.85	—	—	0.067	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.74	—	—	0.067	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.26	—	—	0.067	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.26	—	—	0.067	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	131	—	—	2	µg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	139	—	—	2	µg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	123	—	—	10	µg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	128	—	—	10	µg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	133	—	—	10	µg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	175	—	—	2	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	135	—	—	10	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	129	—	—	10	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.776	1.4	5.86	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0409	1.9	7.09	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.34	2.11	7.35	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.877	1.64	6.63	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.822	1.39	5.96	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.67	1.94	8.1	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.255	1.22	4.81	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.51	1.16	4.41	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.194	—	—	0.033	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.246	—	—	0.033	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.202	—	—	0.033	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.242	—	—	0.033	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.246	—	—	0.033	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.38	0.856	2.75	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0718	0.668	2.97	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.256	0.631	2.88	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.671	0.626	2.32	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.91	0.822	2.24	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.861	0.757	2.5	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.89	0.87	2.34	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.45	0.772	2.25	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.15	0.985	2.83	—	pCi/L	Y	—	NQ	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.93	0.873	2.48	—	pCi/L	Y	—	NQ	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.03	0.917	2.64	—	pCi/L	Y	—	NQ	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.04	0.678	2.26	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.2	0.677	2.17	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.39	0.789	2.47	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.17	0.864	2.65	—	pCi/L	Y	—	NQ	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.72	0.794	2.49	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	—	0.453	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.2	—	—	0.453	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.453	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.6	—	—	0.453	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64	—	—	0.453	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.3	—	—	0.453	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.7	—	—	0.453	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.1	—	—	0.453	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.45	—	—	0.11	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.61	—	—	0.11	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.96	—	—	0.11	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.88	—	—	0.11	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.32	—	—	0.11	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.31	—	—	0.11	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.165	µg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.58	—	—	0.165	µg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.58	—	—	0.165	µg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.165	µg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.92	—	—	0.165	µg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.61	—	—	0.165	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.14	—	—	0.165	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.09	—	—	0.165	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.32	3.01	10.7	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.359	3.25	11.5	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.32	3.63	13.5	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.39	3.6	12.2	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.26	2.75	10.8	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.58	2.85	11.1	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0449	2.58	9.3	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.985	2.55	8.96	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.96	—	—	0.5	µg/L	Y	J	J	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.11	—	—	0.5	µg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.14	—	—	0.5	µg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.96	—	—	0.5	µg/L	Y	J	J	2013-297	CAMO-13-24270	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	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.01	—	—	0.5	µg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.15	—	—	0.5	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.09	—	—	0.5	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.11	—	—	0.5	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	—	—	0.017	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	—	0.017	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.947	—	—	0.017	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	—	0.017	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.99	—	—	0.085	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.33	—	—	0.085	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.085	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	—	0.085	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.739	—	—	0.05	µg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.725	—	—	0.05	µg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.79	—	—	0.05	µg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.771	—	—	0.05	µg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.764	—	—	0.05	µg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.819	—	—	0.05	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.775	—	—	0.05	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.765	—	—	0.05	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00923	0.00863	0.0343	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00965	0.0586	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0029	0.00502	0.0278	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0125	0.00969	0.024	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00414	0.0197	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00799	0.0642	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00834	0.016	0.0632	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0142	0.00884	0.037	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00652	0.0413	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0158	0.00965	0.0706	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0029	0.00766	0.0462	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0025	0.00662	0.0399	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0117	0.00926	0.0353	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00565	0.00799	0.0634	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0167	0.00681	0.0624	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00608	0.00731	0.0286	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.88	18.7	72.8	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	9.73	19.1	63.1	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-31.7	23.8	89.2	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-36	19.7	64.7	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.9	17	71.7	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	39	22.2	95.2	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-8.52	17.6	67.4	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.1	15.7	65.6	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	57.9	—	—	0.053	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.8	—	—	0.053	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.5	—	—	0.053	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	0.0609	—	—	0.053	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	61.4	—	—	0.053	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.7	—	—	0.053	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.1	—	—	0.1	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.33	1.54	5.41	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.3	1.61	6.94	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.35	2.08	8.82	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.12	1.8	6.46	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.09	1.3	5.73	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.33	1.74	7.95	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.706	1.16	4.62	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.65	1.49	4.95	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186	—	—	1	µS/cm	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µS/cm	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	18.4	—	—	1	µS/cm	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	98.5	—	—	1	µg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	93.9	—	—	1	µg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	98.9	—	—	1	µg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	96.3	—	—	1	µg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	77.5	—	—	1	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	80.3	—	—	1	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	79.1	—	—	1	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.162	0.145	0.494	—	pCi/L	Y	U	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0627	0.141	0.497	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0275	0.123	0.462	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0518	0.138	0.486	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.232	0.131	0.482	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.386	0.13	0.478	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.019	0.132	0.487	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.103	0.108	0.414	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.7	—	—	0.133	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	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	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.133	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.6	—	—	0.133	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.8	—	—	0.133	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.8	—	—	0.133	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.51	—	—	0.33	mg/L	Y	J	J	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.703	—	—	0.33	mg/L	Y	J	J	2013-822	CAMO-13-30562	GELC
R-62	1158.4	02/05/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.486	—	—	0.33	mg/L	Y	J	J	2013-511	CAMO-13-28414	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.641	—	—	0.33	mg/L	Y	J	J	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.573	—	—	0.33	mg/L	Y	J	J	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.589	—	—	0.33	mg/L	Y	J	J	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.928	—	—	0.33	mg/L	Y	J	J	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.889	—	—	0.33	mg/L	Y	J	J	12-1349	CAMO-12-13999	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.46	1.03	2.36	—	pCi/L	Y	—	J-	2013-818	CAMO-13-30586	ARSL
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.95	0.98	2.37	—	pCi/L	Y	—	J-	2013-818	CAMO-13-30562	ARSL
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.878	1.245	2.593	—	pCi/L	Y	—	NQ	2013-282	CAMO-13-24253	ARSL
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.12	0.83	2.46	—	pCi/L	Y	U	U	2013-282	CAMO-13-24228	ARSL
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	7.009	1.284	2.032	—	pCi/L	Y	—	U	12-1497	CAMO-12-21741	ARSL
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.822	0.993	1.993	—	pCi/L	Y	—	NQ	12-1361	CAMO-12-14018	ARSL
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.663	0.978	2.015	—	pCi/L	Y	—	NQ	12-1361	CAMO-12-13999	ARSL
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	6.638	1.215	1.943	—	pCi/L	Y	—	NQ	12-1152	CAMO-12-12025	ARSL
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.84	—	—	0.067	µg/L	Y	—	NQ	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.858	—	—	0.067	µg/L	Y	—	NQ	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.802	—	—	0.067	µg/L	Y	—	NQ	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.991	—	—	0.067	µg/L	Y	—	NQ	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.995	—	—	0.067	µg/L	Y	—	NQ	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.957	—	—	0.067	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.991	—	—	0.067	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.945	—	—	0.067	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.563	0.0497	0.0949	—	pCi/L	Y	—	NQ	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.701	0.0471	0.0696	—	pCi/L	Y	—	NQ	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.707	0.0483	0.0713	—	pCi/L	Y	—	NQ	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.783	0.0494	0.0666	—	pCi/L	Y	—	NQ	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.605	0.0359	0.0538	—	pCi/L	Y	—	J	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.661	0.0612	0.131	—	pCi/L	Y	—	J	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.586	0.0472	0.093	—	pCi/L	Y	—	NQ	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.8	0.0437	0.0561	—	pCi/L	Y	—	J	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0512	0.0177	0.0441	—	pCi/L	Y	—	U	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0225	0.0106	0.0323	—	pCi/L	Y	U	U	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0304	0.0132	0.0445	—	pCi/L	Y	U	U	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0319	0.0128	0.0416	—	pCi/L	Y	U	U	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00995	0.00609	0.0347	—	pCi/L	Y	U	U	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00661	0.0106	0.0743	—	pCi/L	Y	U	U	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0359	0.0136	0.0522	—	pCi/L	Y	U	U	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.00944	0.0324	—	pCi/L	Y	U	U	12-1149	CAMO-12-12025	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	05/08/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.286	0.0358	0.0573	—	pCi/L	Y	—	J	2013-822	CAMO-13-30586	GELC
R-62	1158.4	05/08/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.392	0.0347	0.042	—	pCi/L	Y	—	NQ	2013-822	CAMO-13-30562	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.261	0.0299	0.0484	—	pCi/L	Y	—	NQ	2013-297	CAMO-13-24253	GELC
R-62	1158.4	11/08/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.33	0.0313	0.0452	—	pCi/L	Y	—	NQ	2013-297	CAMO-13-24228	GELC
R-62	1158.4	08/08/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.268	0.0236	0.0273	—	pCi/L	Y	—	J	12-1482	CAMO-12-21741	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.313	0.0427	0.0687	—	pCi/L	Y	—	J	12-1349	CAMO-12-14018	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.301	0.0327	0.0485	—	pCi/L	Y	—	NQ	12-1349	CAMO-12-13999	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.341	0.029	0.036	—	pCi/L	Y	—	J	12-1149	CAMO-12-12025	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.47	—	—	1	µg/L	Y	J	J	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.52	—	—	1	µg/L	Y	J	J	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.27	—	—	1	µg/L	Y	J	J	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.17	—	—	1	µg/L	Y	J	J	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.95	—	—	1	µg/L	Y	J	J	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.67	—	—	1	µg/L	Y	J	J	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.49	—	—	1	µg/L	Y	J	J	12-1349	CAMO-12-14000	GELC
R-62	1158.4	05/08/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.09	—	—	3.3	µg/L	Y	J	J	2013-822	CAMO-13-30602	GELC
R-62	1158.4	05/08/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.86	—	—	3.3	µg/L	Y	J	J	2013-822	CAMO-13-30564	GELC
R-62	1158.4	02/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.34	—	—	3.3	µg/L	Y	J	J	2013-511	CAMO-13-28422	GELC
R-62	1158.4	11/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.83	—	—	3.3	µg/L	Y	J	J	2013-297	CAMO-13-24270	GELC
R-62	1158.4	11/08/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.04	—	—	3.3	µg/L	Y	J	J	2013-297	CAMO-13-24229	GELC
R-62	1158.4	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	16.8	—	—	3.3	µg/L	Y	—	NQ	12-1482	CAMO-12-21749	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	14.9	—	—	3.3	µg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	14.1	—	—	3.3	µg/L	Y	—	NQ	12-1349	CAMO-12-14000	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	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	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	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	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	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	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	J-	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	0.725	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	0.725	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111	—	—	0.725	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	112	—	—	0.73	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	0.73	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.127	—	—	0.017	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0197	—	—	0.017	mg/L	Y	J	J	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.135	—	—	0.017	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.31	—	—	1.7	µg/L	Y	J	J	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.83	—	—	1.7	µg/L	Y	J	J	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	16.5	—	—	8.5	µg/L	N	J	R	12-352	CASA-12-1374	GELC
SCI-1	358.4	11/16/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41	—	—	1	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	33.7	—	—	1	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.9	—	—	1	µg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	51.3	—	—	1	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	80.6	—	—	15	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	85.8	—	—	15	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	84.9	—	—	15	µg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	85.8	—	—	15	µg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	99.4	—	—	15	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.818	—	—	0.067	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.781	—	—	0.067	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.793	—	—	0.067	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.838	—	—	0.066	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.882	—	—	0.066	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	66.9	—	—	0.05	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	64.2	—	—	0.05	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	67.6	—	—	0.05	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.4	—	—	0.05	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	77.4	—	—	0.05	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	124	—	—	1.34	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	97.2	—	—	0.67	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	94.7	—	—	0.67	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	97.6	—	—	0.66	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	92	—	—	0.66	mg/L	Y	—	J+	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.5	—	—	2	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.1	—	—	2	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	9.9	—	—	2	µg/L	Y	J	J	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	48.7	—	—	10	µg/L	N	J	R	12-352	CASA-12-1374	GELC
SCI-1	358.4	11/16/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.96	—	—	2	µg/L	Y	J	J	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.5	—	—	2	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.174	—	—	0.033	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.202	—	—	0.033	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.192	—	—	0.033	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	209	—	—	0.453	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	201	—	—	0.453	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	212	—	—	0.453	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	219	—	—	0.45	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	241	—	—	0.45	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.3	—	—	0.11	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	9.86	—	—	0.11	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.4	—	—	0.11	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.5	—	—	0.11	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.5	—	—	0.11	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	78.2	—	—	0.165	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	86.9	—	—	0.165	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	74.1	—	—	0.165	µg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	77	—	—	0.17	µg/L	N	—	R	12-352	CASA-12-1374	GELC
SCI-1	358.4	11/16/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	77.3	—	—	0.17	µg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	68.9	—	—	0.17	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.33	—	—	0.5	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.02	—	—	0.5	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.26	—	—	0.5	µg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	50.8	—	—	2.5	µg/L	N	—	R	12-352	CASA-12-1374	GELC
SCI-1	358.4	11/16/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.13	—	—	0.5	µg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.5	—	—	0.5	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.09	—	—	0.085	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.89	—	—	0.085	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	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	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.43	—	—	0.05	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.38	—	—	0.1	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.682	—	—	0.05	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.774	—	—	0.05	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.972	—	—	0.05	µg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.89	—	—	0.05	µg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.895	—	—	0.1	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.07	—	—	0.05	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.75	—	—	1.5	µg/L	Y	J	J	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	N	U	R	12-352	CASA-12-1374	GELC
SCI-1	358.4	11/16/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	58.1	—	—	0.1	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	57.8	—	—	0.1	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	55.3	—	—	0.1	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	57.5	—	—	0.1	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	55.5	—	—	0.1	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	724	—	—	1	µS/cm	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	696	—	—	1	µS/cm	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	714	—	—	1	µS/cm	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	719	—	—	1	µS/cm	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	651	—	—	1	µS/cm	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	309	—	—	1	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	280	—	—	1	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	301	—	—	1	µg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	314	—	—	1	µg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	338	—	—	1	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	66.7	—	—	2.66	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	67.3	—	—	1.33	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	75.5	—	—	1.33	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	78.4	—	—	1	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	79.6	—	—	1	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	357	—	—	3.4	mg/L	Y	—	J	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	456	—	—	3.4	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	471	—	—	3.4	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	491	—	—	3.4	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	454	—	—	3.4	mg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2013-868	CASA-13-30548	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.341	—	—	0.035	mg/L	Y	—	NQ	2013-264	CASA-13-24215	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
SCI-1	358.4	05/21/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.166	—	—	0.035	mg/L	Y	—	NQ	12-1311	CASA-12-14060	GELC
SCI-1	358.4	11/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.115	—	—	0.035	mg/L	Y	—	J+	12-352	CASA-12-1373	GELC
SCI-1	358.4	08/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.179	—	—	0.035	mg/L	Y	—	U	11-3243	CASA-11-24764	GELC
SCI-1	358.4	05/17/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.54	—	—	0.33	mg/L	Y	—	NQ	2013-868	CASA-13-30548	GELC
SCI-1	358.4	11/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.2	—	—	0.33	mg/L	Y	—	U	2013-264	CASA-13-24215	GELC
SCI-1	358.4	05/21/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.36	—	—	0.33	mg/L	Y	—	NQ	12-1311	CASA-12-14060	GELC
SCI-1	358.4	11/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.57	—	—	0.33	mg/L	Y	—	NQ	12-352	CASA-12-1373	GELC
SCI-1	358.4	08/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.841	—	—	0.33	mg/L	Y	J	J	11-3243	CASA-11-24764	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.775	—	—	0.017	mg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.01	—	—	0.017	mg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.956	—	—	0.017	mg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.842	—	—	0.015	mg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.693	—	—	0.015	mg/L	Y	—	J	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.03	—	—	0.067	µg/L	Y	—	NQ	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.32	—	—	0.067	µg/L	Y	—	NQ	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.49	—	—	0.067	µg/L	Y	—	NQ	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.84	—	—	0.067	µg/L	N	—	R	12-352	CASA-12-1374	GELC
SCI-1	358.4	11/16/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Uranium	U	Y	3.09	—	—	0.067	µg/L	Y	—	NQ	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.95	—	—	0.067	µg/L	Y	—	NQ	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.32	—	—	1	µg/L	Y	J	J	2013-868	CASA-13-30556	GELC
SCI-1	358.4	11/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.17	—	—	1	µg/L	Y	J	J	2013-264	CASA-13-24223	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.07	—	—	1	µg/L	Y	J	J	12-1311	CASA-12-14065	GELC
SCI-1	358.4	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.08	—	—	1	µg/L	Y	J	J	12-352	CASA-12-1374	GELC
SCI-1	358.4	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.13	—	—	1	µg/L	Y	J	J	11-3243	CASA-11-24763	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	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	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	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	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	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	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	0.725	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.3	—	—	0.725	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.3	—	—	0.725	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	—	0.725	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.1	—	—	0.725	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.8	—	—	0.725	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	0.725	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	67.1	—	—	1	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	64.5	—	—	1	µg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	69.8	—	—	1	µg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	68.5	—	—	1	µg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	69.2	—	—	1	µg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	66.4	—	—	1	µg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	71.7	—	—	1	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.6	—	—	15	µg/L	Y	J	J	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	23.3	—	—	15	µg/L	Y	J	J	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.8	—	—	15	µg/L	Y	J	J	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	12-1318	CASA-12-14067	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	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.683	—	—	0.067	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.612	—	—	0.067	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.639	—	—	0.067	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.59	—	—	0.067	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.581	—	—	0.067	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.55	—	—	0.067	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.577	—	—	0.067	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.7	—	—	0.05	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	66.4	—	—	0.05	mg/L	Y	—	J-	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.9	—	—	0.05	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	69.4	—	—	0.05	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.3	—	—	0.05	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.3	—	—	0.05	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	68.9	—	—	0.05	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	68.2	—	—	1.34	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	66.6	—	—	0.335	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	63.7	—	—	0.67	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	59.8	—	—	0.67	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	61.5	—	—	0.67	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.5	—	—	0.67	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.9	—	—	0.67	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	427	—	—	2	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	435	—	—	10	µg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	436	—	—	2	µg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	491	—	—	2	µg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	453	—	—	2	µg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	440	—	—	2	µg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	433	—	—	2	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.206	—	—	0.033	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.162	—	—	0.033	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.225	—	—	0.033	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.186	—	—	0.033	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.185	—	—	0.033	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.201	—	—	0.033	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	245	—	—	0.453	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	230	—	—	0.453	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	246	—	—	0.453	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	240	—	—	0.453	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	243	—	—	0.453	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	242	—	—	0.453	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	237	—	—	0.453	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.7	—	—	0.11	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.7	—	—	0.11	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.7	—	—	0.11	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.2	—	—	0.11	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.4	—	—	0.11	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.1	—	—	0.11	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.9	—	—	0.11	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.615	—	—	0.165	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.777	—	—	0.165	µg/L	Y	—	U	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.655	—	—	0.165	µg/L	Y	—	NQ	2013-270	CASA-13-24224	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	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.727	—	—	0.165	µg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.676	—	—	0.165	µg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.586	—	—	0.165	µg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.559	—	—	0.165	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.6	—	—	0.5	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.9	—	—	0.5	µg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.2	—	—	0.5	µg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.6	—	—	0.5	µg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	15.9	—	—	0.5	µg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	19	—	—	0.5	µg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.4	—	—	0.5	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.67	—	—	0.085	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.99	—	—	0.17	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.28	—	—	0.425	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.89	—	—	0.17	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.78	—	—	0.17	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.47	—	—	0.17	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.47	—	—	0.17	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.938	—	—	0.05	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.985	—	—	0.05	µg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.942	—	—	0.05	µg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.03	—	—	0.1	µg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.944	—	—	0.05	µg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.943	—	—	0.05	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.5	—	—	0.05	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.78	—	—	0.05	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.73	—	—	0.05	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.73	—	—	0.05	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.64	—	—	0.05	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.59	—	—	0.05	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.1	—	—	1.5	µg/L	Y	J	J	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.2	—	—	0.053	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.8	—	—	0.1	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	24.2	—	—	0.1	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.5	—	—	0.1	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.5	—	—	0.1	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.7	—	—	0.1	mg/L	Y	—	NQ	12-1318	CASA-12-14066	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	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	624	—	—	1	µS/cm	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	607	—	—	1	µS/cm	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	618	—	—	1	µS/cm	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	600	—	—	1	µS/cm	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	596	—	—	1	µS/cm	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	600	—	—	1	µS/cm	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	601	—	—	1	µS/cm	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	338	—	—	1	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	330	—	—	1	µg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	344	—	—	1	µg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	336	—	—	1	µg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	338	—	—	1	µg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	334	—	—	1	µg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	329	—	—	1	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	103	—	—	2.66	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	91	—	—	0.665	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	91.7	—	—	1.33	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	85.4	—	—	1.33	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88	—	—	1.33	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	84.9	—	—	1.33	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	86.2	—	—	1.33	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	421	—	—	3.4	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	419	—	—	3.4	mg/L	Y	—	NQ	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	429	—	—	3.4	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	396	—	—	3.4	mg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	400	—	—	3.4	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	411	—	—	3.4	mg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	433	—	—	3.4	mg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.101	—	—	0.033	mg/L	Y	—	NQ	2013-874	CASA-13-30549	GELC
SCI-2	548	01/31/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.149	—	—	0.033	mg/L	Y	—	J+	2013-497	CASA-13-28360	GELC
SCI-2	548	11/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.088	—	—	0.035	mg/L	Y	J	J	2013-270	CASA-13-24216	GELC
SCI-2	548	08/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1495	CASA-12-21646	GELC
SCI-2	548	08/13/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0591	—	—	0.035	mg/L	Y	J	J	12-1495	CASA-12-22309	GELC
SCI-2	548	05/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.111	—	—	0.035	mg/L	Y	—	NQ	12-1318	CASA-12-14061	GELC
SCI-2	548	05/23/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.126	—	—	0.035	mg/L	Y	—	NQ	12-1318	CASA-12-14068	GELC
SCI-2	548	05/21/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.37	—	—	0.33	mg/L	Y	—	NQ	2013-874	CASA-13-30549	GELC
SCI-2	548	01/31/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.15	—	—	0.33	mg/L	Y	—	NQ	2013-497	CASA-13-28360	GELC
SCI-2	548	11/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.05	—	—	0.33	mg/L	Y	—	U	2013-270	CASA-13-24216	GELC
SCI-2	548	08/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.37	—	—	0.33	mg/L	Y	—	NQ	12-1495	CASA-12-21646	GELC
SCI-2	548	08/13/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.38	—	—	0.33	mg/L	Y	—	NQ	12-1495	CASA-12-22309	GELC
SCI-2	548	05/23/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.975	—	—	0.33	mg/L	Y	J	J	12-1318	CASA-12-14061	GELC
SCI-2	548	05/23/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.956	—	—	0.33	mg/L	Y	J	J	12-1318	CASA-12-14068	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0348	—	—	0.017	mg/L	Y	J	J	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0452	—	—	0.017	mg/L	Y	J	J	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0773	—	—	0.017	mg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0429	—	—	0.017	mg/L	Y	J	J	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0593	—	—	0.017	mg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0441	—	—	0.017	mg/L	Y	J	J	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0374	—	—	0.017	mg/L	Y	J	J	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.05	—	—	0.067	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.11	—	—	0.067	µg/L	Y	—	NQ	2013-497	CASA-13-28364	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	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.06	—	—	0.067	µg/L	Y	—	NQ	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.83	—	—	0.067	µg/L	Y	—	NQ	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.63	—	—	0.067	µg/L	Y	—	NQ	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.96	—	—	0.067	µg/L	Y	—	NQ	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.86	—	—	0.067	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.22	—	—	3.3	µg/L	Y	J	J	2013-874	CASA-13-30557	GELC
SCI-2	548	01/31/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-497	CASA-13-28364	GELC
SCI-2	548	11/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-270	CASA-13-24224	GELC
SCI-2	548	08/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1495	CASA-12-21650	GELC
SCI-2	548	08/13/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1495	CASA-12-22310	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1318	CASA-12-14066	GELC
SCI-2	548	05/23/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1318	CASA-12-14067	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-6	686	05/08/13	General Inorganic	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F[a]	INIT[b]	REG[c]	Y[d]	8.19	0.17	mg/L	10	—[e]	NQ[f]	NQ	Y	EPA:353.2	GELC[g]	10	EPA MCL[h]	0.82
Regional	R-11	855	05/13/13	General Inorganic	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.15	0.085	mg/L	5	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.52
Regional	R-11	855	05/13/13	General Inorganic	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD[i]	Y	5.05	0.085	mg/L	5	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.51
Regional	R-42	931.8	05/06/13	General Inorganic	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.65	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-43 S1	903.9	05/15/13	General Inorganic	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.38	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Intermediate	MCOI-6	686	05/08/13	Metals	Chromium	Cr	F	INIT	REG	Y	73.2	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard[j]	1.46
Intermediate	SCI-2	548	05/21/13	Metals	Chromium	Cr	F	INIT	REG	Y	427	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	8.54
Regional	R-11	855	05/13/13	Metals	Chromium	Cr	F	INIT	REG	Y	31.9	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	0.64
Regional	R-11	855	05/13/13	Metals	Chromium	Cr	F	INIT	FD	Y	31.5	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	0.63
Regional	R-28	934.3	05/06/13	Metals	Chromium	Cr	F	INIT	REG	Y	404	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	8.08
Regional	R-42	931.8	05/06/13	Metals	Chromium	Cr	F	INIT	REG	Y	932	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	18.64
Regional	R-43 S1	903.9	05/15/13	Metals	Chromium	Cr	F	INIT	REG	Y	50.5	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	1.01
Regional	R-50 S1	1077	05/10/13	Metals	Chromium	Cr	F	INIT	REG	Y	103	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	2.06
Regional	R-62	1158.4	05/08/13	Metals	Chromium	Cr	F	INIT	REG	Y	131	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	2.62
Regional	R-62	1158.4	05/08/13	Metals	Chromium	Cr	F	INIT	FD	Y	139	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC Groundwater Standard	2.78
Intermediate	MCOI-5	689.04	05/07/13	General Inorganic	Perchlorate	ClO4	F	INIT	REG	Y	79.1	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	19.78
Intermediate	MCOI-5	689.04	05/07/13	General Inorganic	Perchlorate	ClO4	F	INIT	FD	Y	81.7	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	20.43
Intermediate	MCOI-6	686	05/08/13	General Inorganic	Perchlorate	ClO4	F	INIT	REG	Y	63.3	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	15.83
Regional	R-15	958.6	05/06/13	General Inorganic	Perchlorate	ClO4	F	INIT	REG	Y	8.42	0.5	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	2.11

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
Regional	R-61 S1	1125	05/17/13	General Inorganic	Perchlorate	ClO4	F	INIT	REG	Y	5.82	0.5	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	1.46
Intermediate	MCOI-5	689.04	05/07/13	SVOC[k]	Dioxane[1,4-]	123-91-1	UF[l]	INIT	FD	Y	5.61	3.23	µg/L	1	J[m]	J[n]	J_LAB[o]	Y	SW-846:8270C	GELC	6.7	EPA TAP Screening Level[p]	0.84
Intermediate	MCOI-5	689.04	05/07/13	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	5.08	3.16	µg/L	1	J	J	J_LAB	Y	SW-846:8270C	GELC	6.7	EPA TAP Screening Level	0.76
Intermediate	MCOI-6	686	05/08/13	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	7.57	3.16	µg/L	1	J	J	J_LAB	Y	SW-846:8270C	GELC	6.7	EPA TAP Screening Level	1.13

[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] FD = Field duplicate.

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

[k] SVOC = Semivolatile organic compound.

[l] UF = Unfiltered.

[m] In this column, J = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.

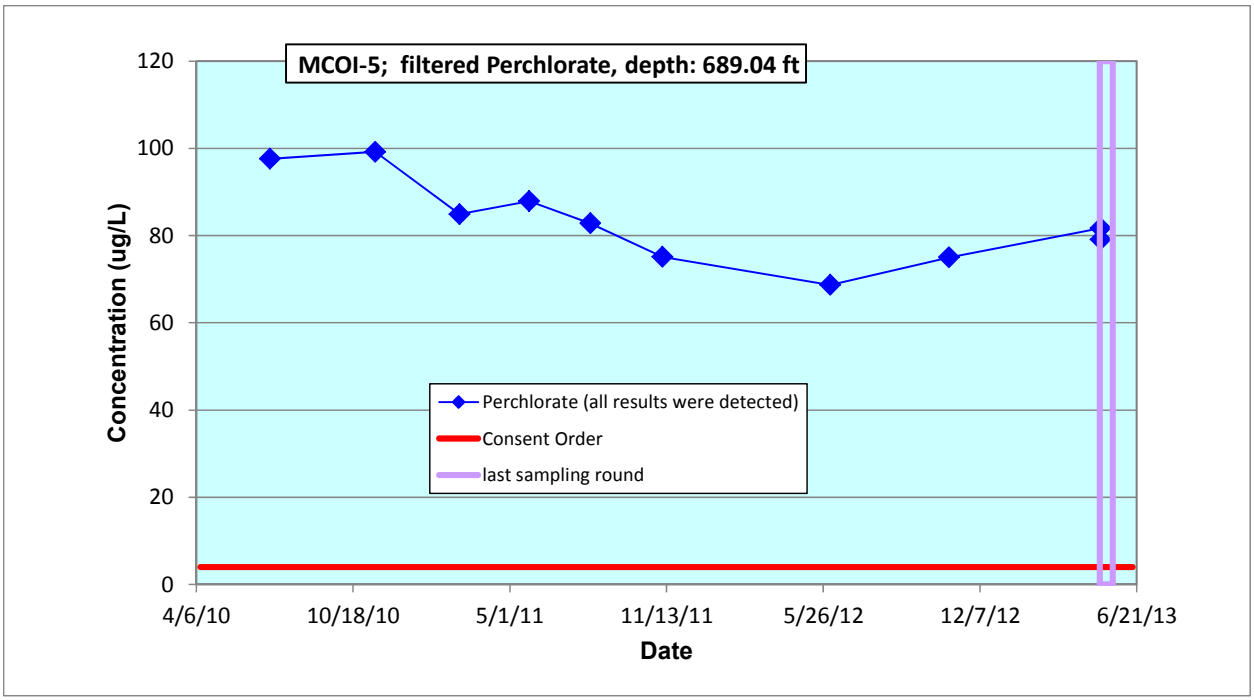
[n] In this column, J = The associated numerical value is an estimated quantity.

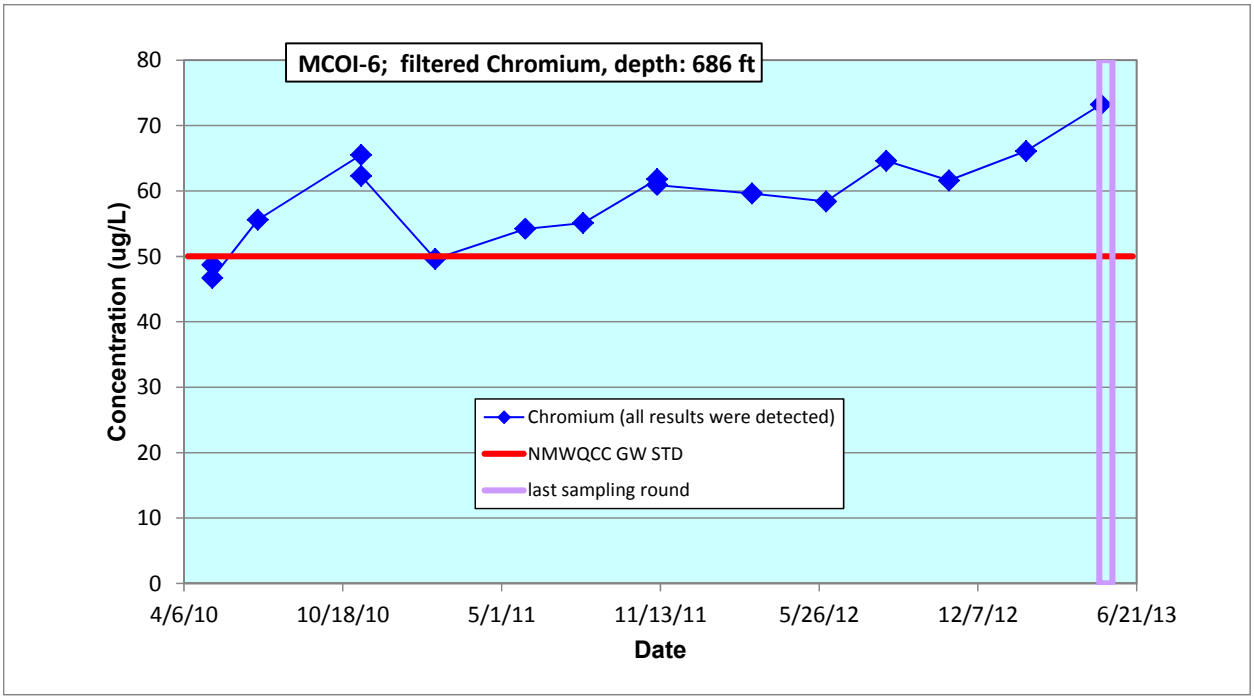
[o] J_LAB = The analytical laboratory qualified the detected result as estimated (J) because the result was less the practical quantitation limit but greater than the method detection limit.

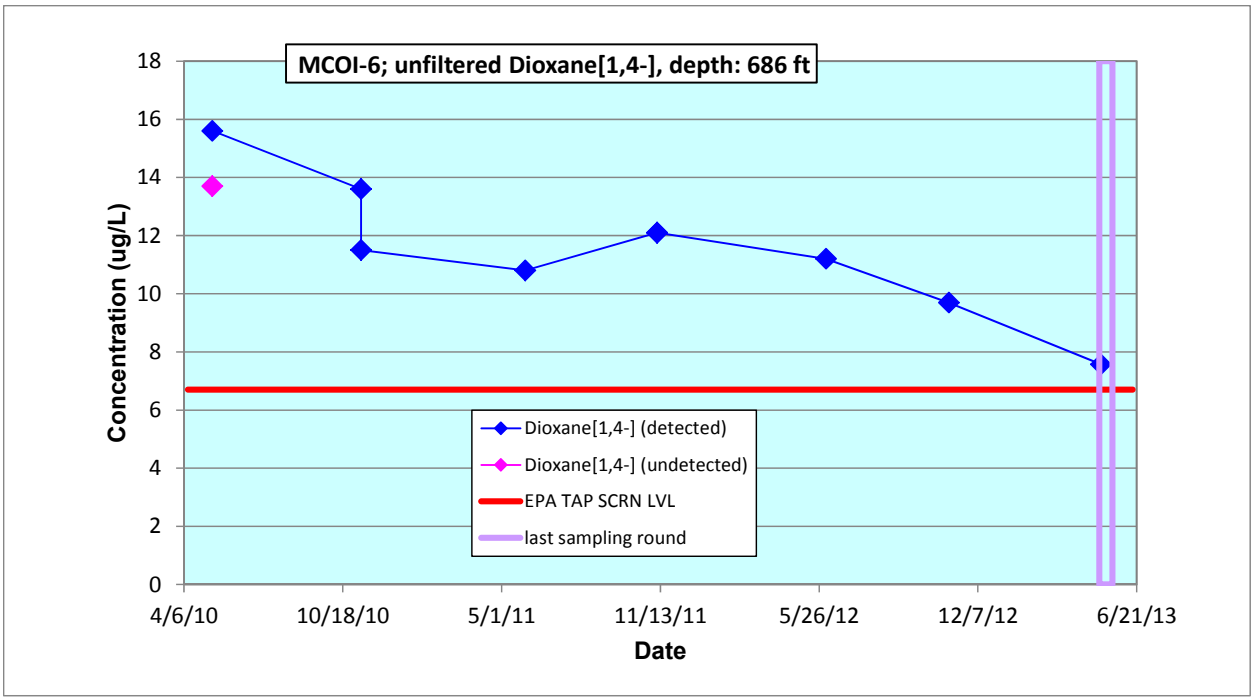
[p] EPA TAP Screening Level = U.S. Environmental Protection Agency regional screening level for tap water.

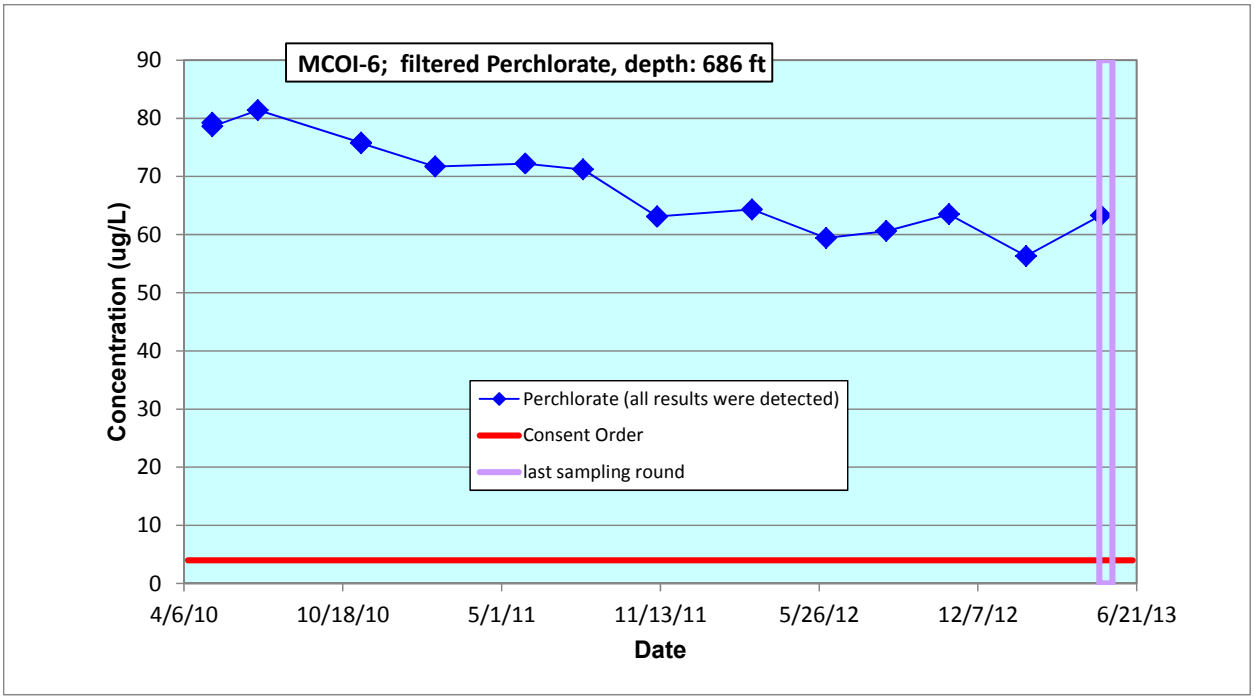
Appendix E

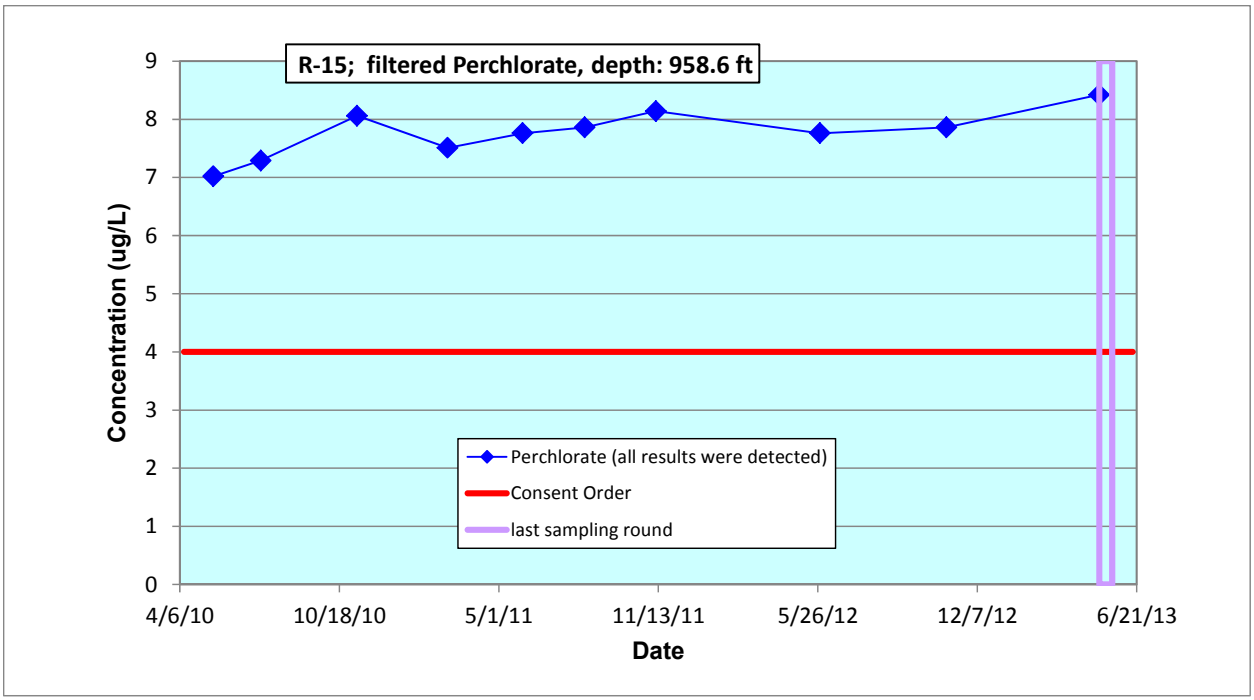
Analytical Chemistry Graphs of Screening-Level Exceedances

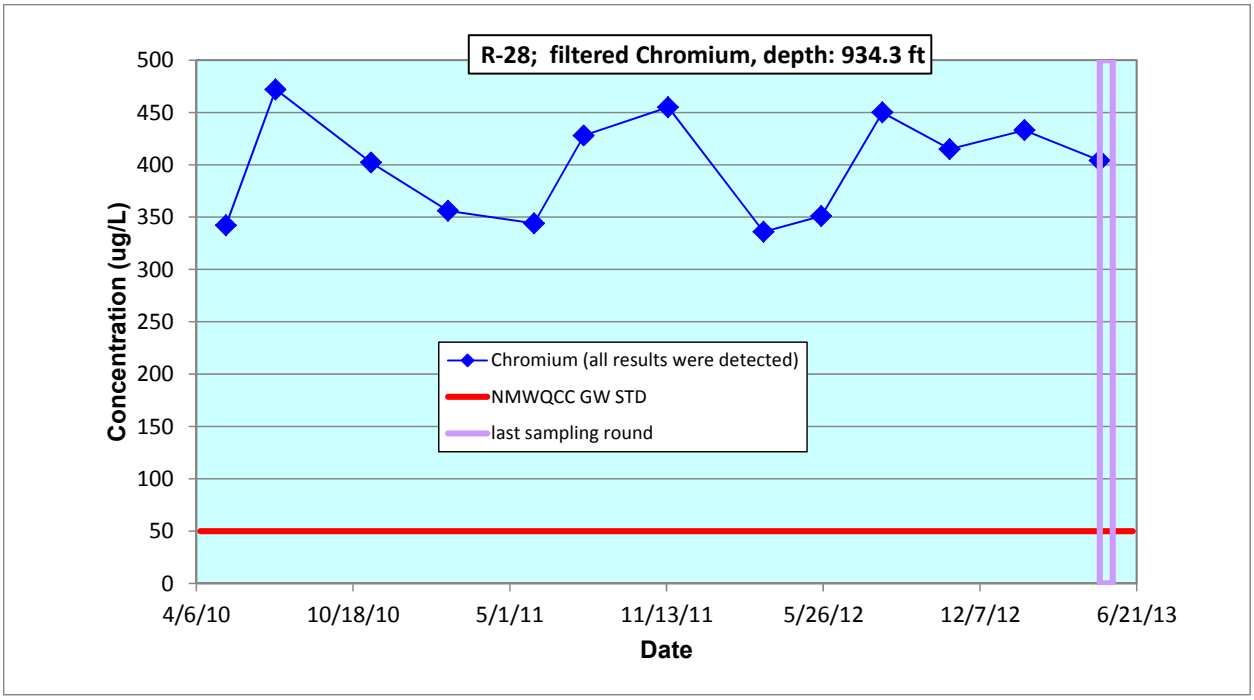

MCOI-5; filtered Perchlorate, depth: 689.04 ft
Concentration (ug/L)
120
100
80
60
40
20
0
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

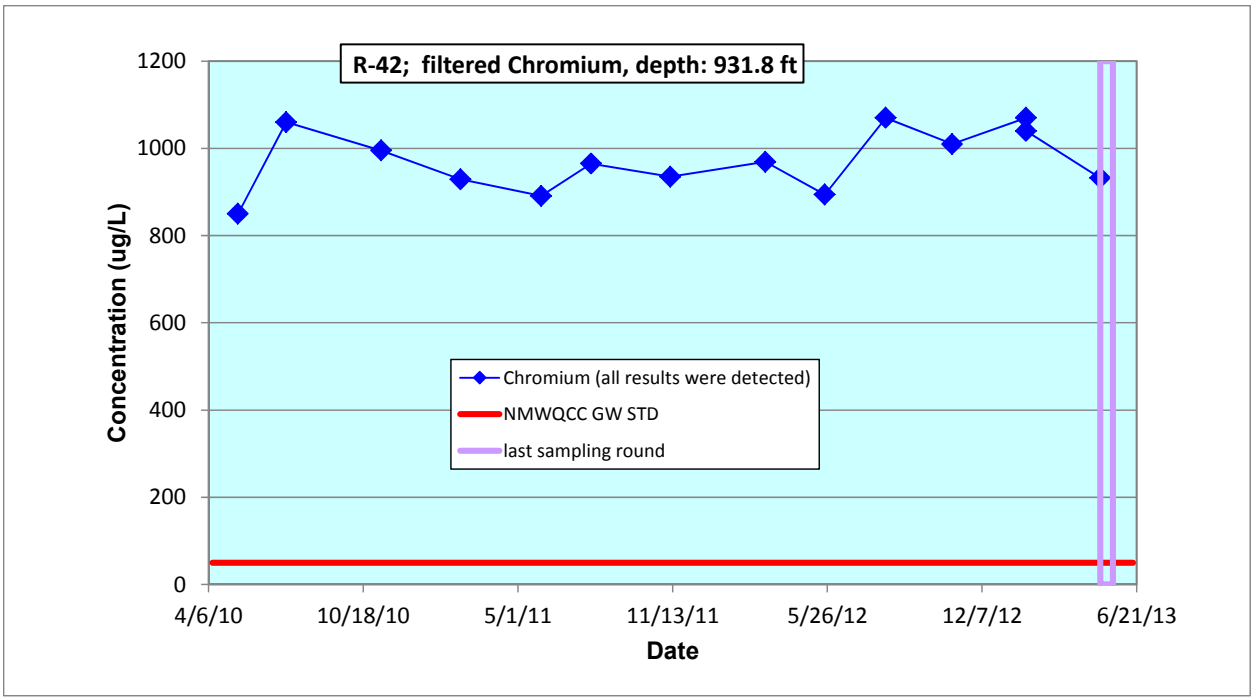

MCOI-6; filtered Chromium, depth: 686 ft
Concentration (ug/L)
80
70
60
50
40
30
20
10
0
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Chromium (all results were detected)
NMWQCC GW STD
last sampling round

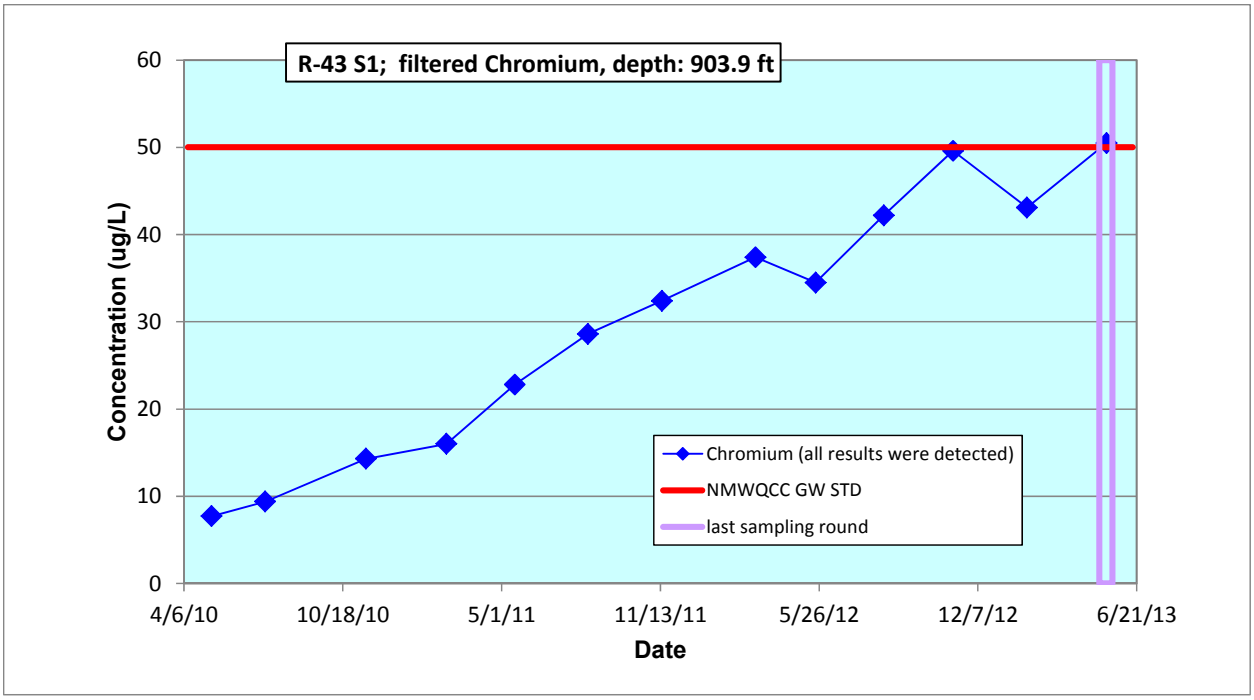

MCOI-6; unfiltered Dioxane[1,4-], depth: 686 ft
Concentration (ug/L)
0
2
4
6
8
10
12
14
16
18
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Dioxane[1,4-] (detected)
Dioxane[1,4-] (undetected)
EPA TAP SCRN LVL
last sampling round

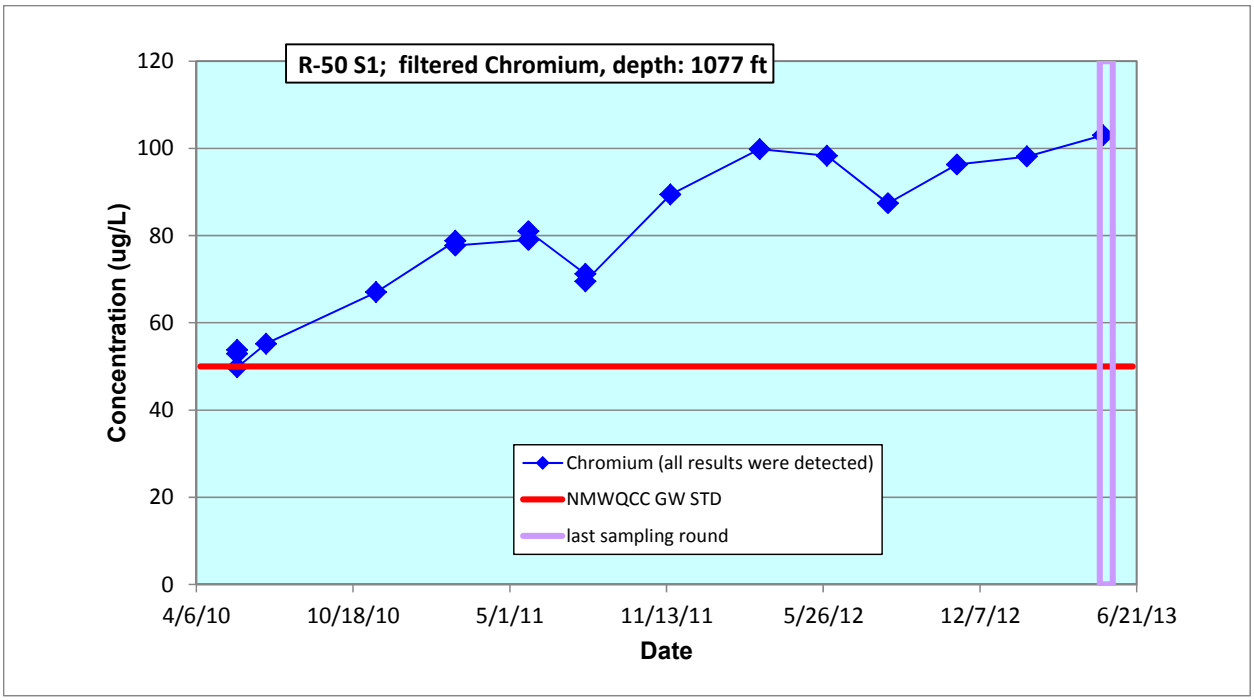

MCOI-6; filtered Perchlorate, depth: 686 ft
Concentration (ug/L)
0
10
20
30
40
50
60
70
80
90
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

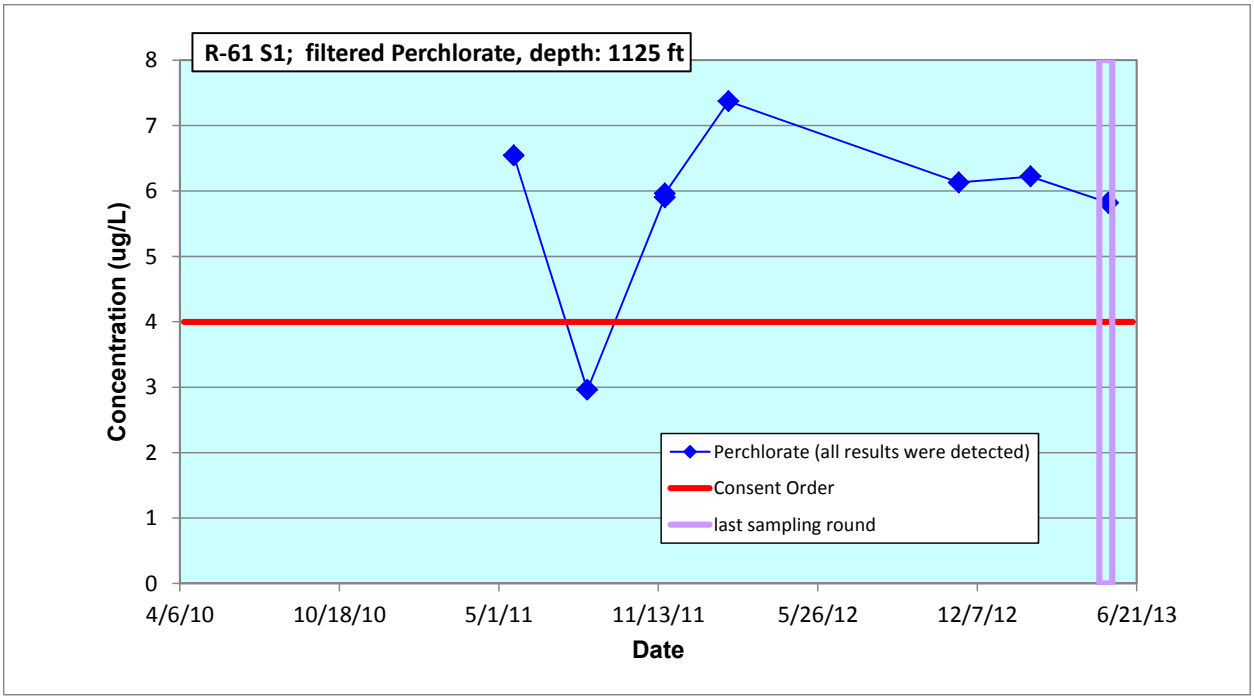

R-15; filtered Perchlorate, depth: 958.6 ft
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
9
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

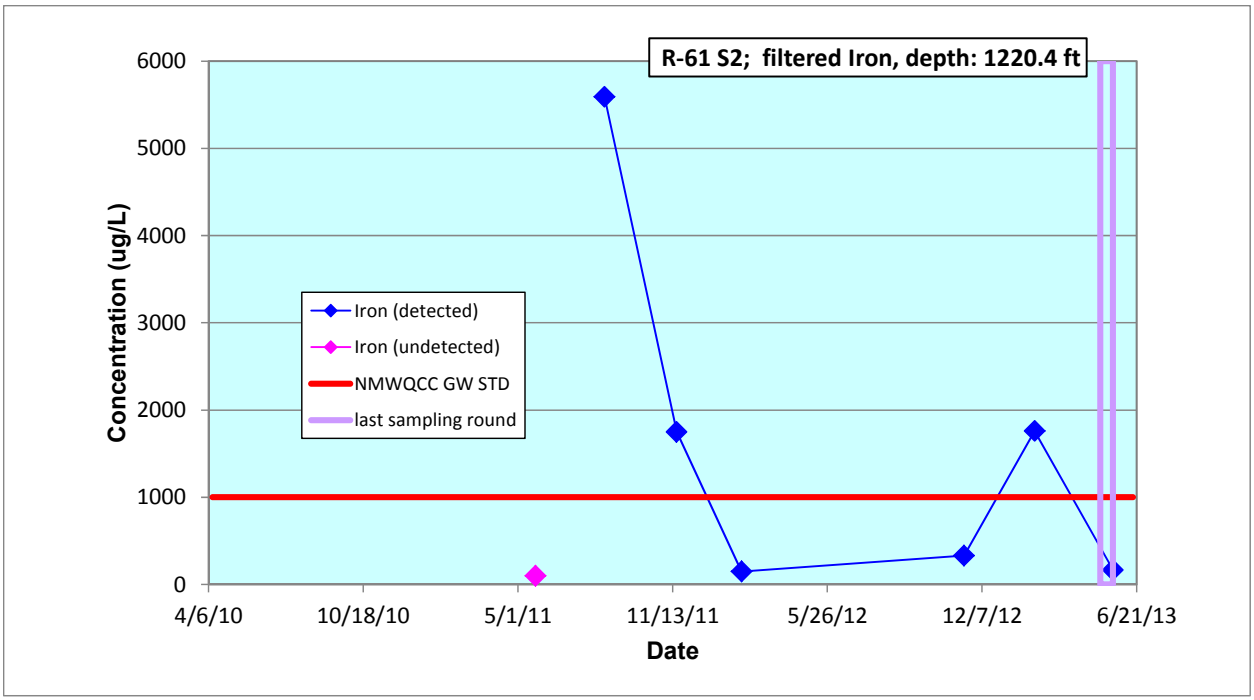

R-28; filtered Chromium, depth: 934.3 ft
Concentration (ug/L)
0
50
100
150
200
250
300
350
400
450
500
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Chromium (all results were detected)
NMWQCC GW STD
last sampling round

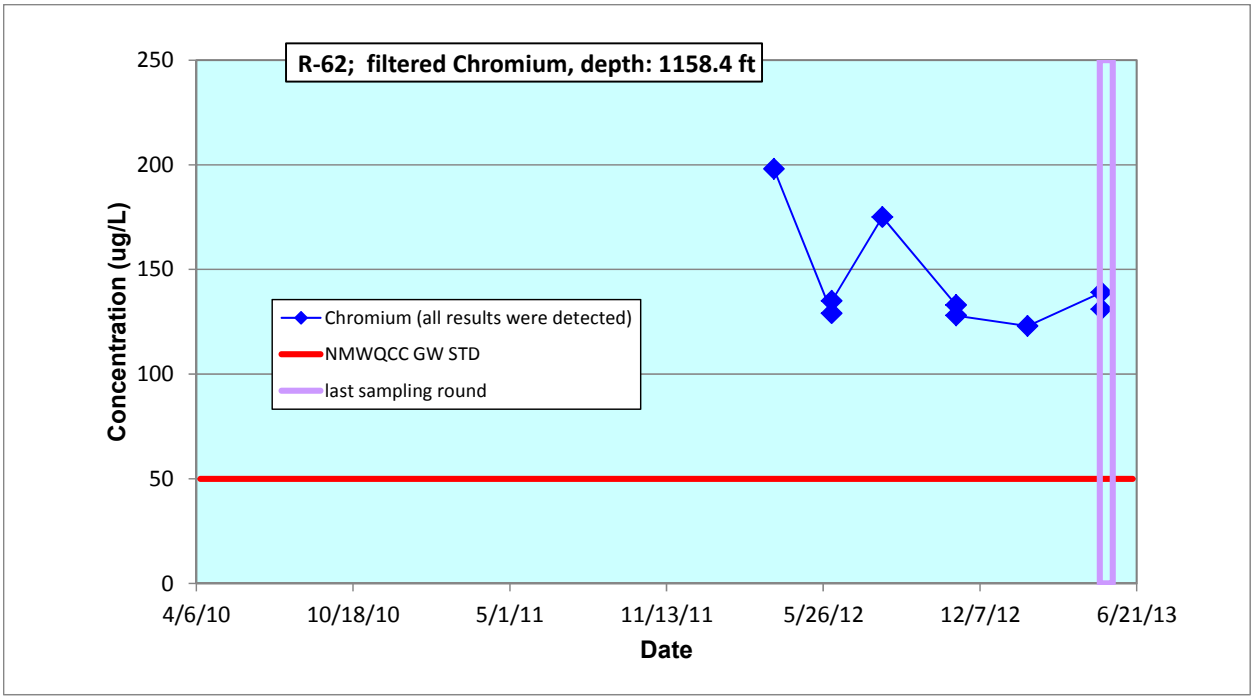

R-42; filtered Chromium, depth: 931.8 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Chromium (all results were detected)
NMWQCC GW STD
last sampling round

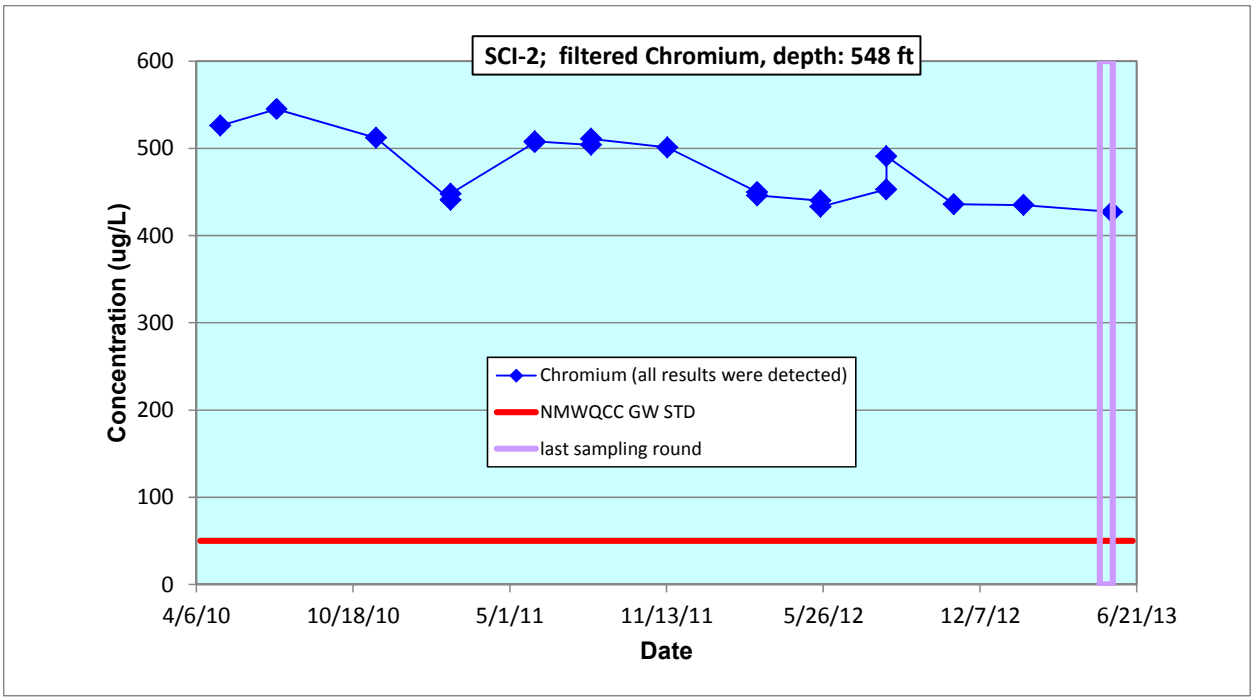

R-43 S1; filtered Chromium, depth: 903.9 ft
Concentration (ug/L)
60
50
40
30
20
10
0
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Chromium (all results were detected)
NMWQCC GW STD
last sampling round


R-50 S1; filtered Chromium, depth: 1077 ft
Concentration (ug/L)
120
100
80
60
40
20
0
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Chromium (all results were detected)
NMWQCC GW STD
last sampling round


R-61 S1; filtered Perchlorate, depth: 1125 ft
Concentration (ug/L)
8
7
6
5
4
3
2
1
0
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Perchlorate (all results were detected)
Consent Order
last sampling round


R-61 S2; filtered Iron, depth: 1220.4 ft
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
Iron (detected)
Iron (undetected)
NMWQCC GW STD
last sampling round
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date


R-62; filtered Chromium, depth: 1158.4 ft
Concentration (ug/L)
250
200
150
100
50
0
Chromium (all results were detected)
NMWQCC GW STD
last sampling round
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date


SCI-2; filtered Chromium, depth: 548 ft
Concentration (ug/L)
600
500
400
300
200
100
0
4/6/10
10/18/10
5/1/11
11/13/11
5/26/12
12/7/12
6/21/13
Date
Chromium (all results were detected)
NMWQCC GW STD
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)
2013-383	Inorganic	UIL[a]	CAMO-13-24366	11/06/12	R-45 S1	880	890
2013-383	Inorganic	UIL	CAMO-13-24367	11/06/12	R-45 S2	974.9	994.9
2013-808	Inorganic	GELC[b]	CAMO-13-30574	05/06/13	R-13	958.33	1018.7
2013-808	Inorganic	GELC	CAMO-13-30577	05/06/13	R-42	931.8	952.9
2013-808	Inorganic	GELC	CAMO-13-30590	05/06/13	R-13	958.33	1018.7
2013-808	Inorganic	GELC	CAMO-13-30593	05/06/13	R-42	931.8	952.9
2013-809	Inorganic	GELC	CAMO-13-30575	05/06/13	R-15	958.6	1020.3
2013-809	Inorganic	GELC	CAMO-13-30576	05/06/13	R-28	934.3	958.1
2013-809	Inorganic	GELC	CAMO-13-30591	05/06/13	R-15	958.6	1020.3
2013-809	Inorganic	GELC	CAMO-13-30592	05/06/13	R-28	934.3	958.1
2013-813	Inorganic	GELC	CAMO-13-30588	05/07/13	MCOI-5	689.04	699
2013-813	Inorganic	GELC	CAMO-13-30561	05/07/13	MCOI-5	689.04	699
2013-813	Inorganic	GELC	CAMO-13-30563	05/07/13	MCOI-5	689.04	699
2013-813	Inorganic	GELC	CAMO-13-30572	05/07/13	MCOI-5	689.04	699
2013-813	Organic	GELC	CAMO-13-30561	05/07/13	MCOI-5	689.04	699
2013-813	Organic	GELC	CAMO-13-30572	05/07/13	MCOI-5	689.04	699
2013-818	Rad[c]	ARSL[d]	CAMO-13-30586	05/08/13	R-62	1158.4	1179.1
2013-818	Rad	ARSL	CAMO-13-30562	05/08/13	R-62	1158.4	1179.1
2013-822	Inorganic	GELC	CAMO-13-30602	05/08/13	R-62	1158.4	1179.1
2013-822	Inorganic	GELC	CAMO-13-30586	05/08/13	R-62	1158.4	1179.1
2013-822	Inorganic	GELC	CAMO-13-30562	05/08/13	R-62	1158.4	1179.1
2013-822	Inorganic	GELC	CAMO-13-30564	05/08/13	R-62	1158.4	1179.1
2013-822	Organic	GELC	CAMO-13-30586	05/08/13	R-62	1158.4	1179.1
2013-822	Organic	GELC	CAMO-13-30562	05/08/13	R-62	1158.4	1179.1
2013-822	Rad	GELC	CAMO-13-30586	05/08/13	R-62	1158.4	1179.1
2013-822	Rad	GELC	CAMO-13-30562	05/08/13	R-62	1158.4	1179.1
2013-823	Inorganic	GELC	CAMO-13-30573	05/08/13	MCOI-6	686	708.3
2013-823	Inorganic	GELC	CAMO-13-30589	05/08/13	MCOI-6	686	708.3
2013-823	Organic	GELC	CAMO-13-30573	05/08/13	MCOI-6	686	708.3
2013-830	Inorganic	GELC	CAMO-13-30578	05/09/13	R-44 S1	895	905
2013-830	Inorganic	GELC	CAMO-13-30579	05/09/13	R-44 S2	985.3	995.2
2013-830	Inorganic	GELC	CAMO-13-30580	05/09/13	R-45 S1	880	890
2013-830	Inorganic	GELC	CAMO-13-30581	05/09/13	R-45 S2	974.9	994.9
2013-830	Inorganic	GELC	CAMO-13-30594	05/09/13	R-44 S1	895	905
2013-830	Inorganic	GELC	CAMO-13-30595	05/09/13	R-44 S2	985.3	995.2
2013-830	Inorganic	GELC	CAMO-13-30596	05/09/13	R-45 S1	880	890
2013-830	Inorganic	GELC	CAMO-13-30597	05/09/13	R-45 S2	974.9	994.9
2013-831	Inorganic	GELC	CASA-13-30544	05/10/13	R-35b	825.4	848.5

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2013-831	Inorganic	GELC	CASA-13-30552	05/10/13	R-35b	825.4	848.5
2013-832	Inorganic	GELC	CAMO-13-30582	05/10/13	R-50 S1	1077	1087
2013-832	Inorganic	GELC	CAMO-13-30598	05/10/13	R-50 S1	1077	1087
2013-840	Inorganic	GELC	CASA-13-30540	05/13/13	R-11	855	877.9
2013-840	Inorganic	GELC	CASA-13-30541	05/13/13	R-11	855	877.9
2013-840	Inorganic	GELC	CASA-13-30542	05/13/13	R-11	855	877.9
2013-840	Inorganic	GELC	CASA-13-30550	05/13/13	R-11	855	877.9
2013-841	Inorganic	GELC	CAMO-13-30599	05/13/13	R-50 S2	1185	1205.6
2013-841	Inorganic	GELC	CAMO-13-30583	05/13/13	R-50 S2	1185	1205.6
2013-847	Inorganic	GELC	CASA-13-30555	05/14/13	R-43 S2	969.1	979.1
2013-847	Inorganic	GELC	CASA-13-30547	05/14/13	R-43 S2	969.1	979.1
2013-849	Rad	ARSL	CAMO-13-30582	05/10/13	R-50 S1	1077	1087
2013-856	Inorganic	GELC	CASA-13-30546	05/15/13	R-43 S1	903.9	924.6
2013-856	Inorganic	GELC	CASA-13-30554	05/15/13	R-43 S1	903.9	924.6
2013-865	Inorganic	GELC	CASA-13-30543	05/16/13	R-35a	1013.1	1062.2
2013-865	Inorganic	GELC	CASA-13-30551	05/16/13	R-35a	1013.1	1062.2
2013-866	Inorganic	GELC	CAMO-13-30600	05/17/13	R-61 S1	1125	1135
2013-866	Inorganic	GELC	CAMO-13-30584	05/17/13	R-61 S1	1125	1135
2013-866	Organic	GELC	CAMO-13-30584	05/17/13	R-61 S1	1125	1135
2013-866	Rad	GELC	CAMO-13-30584	05/17/13	R-61 S1	1125	1135
2013-868	Inorganic	GELC	CASA-13-30556	05/17/13	SCI-1	358.4	377.9
2013-868	Inorganic	GELC	CASA-13-30545	05/17/13	R-36	766.9	789.9
2013-868	Inorganic	GELC	CASA-13-30548	05/17/13	SCI-1	358.4	377.9
2013-868	Inorganic	GELC	CASA-13-30553	05/17/13	R-36	766.9	789.9
2013-874	Inorganic	GELC	CASA-13-30557	05/21/13	SCI-2	548	568
2013-874	Inorganic	GELC	CASA-13-30549	05/21/13	SCI-2	548	568
2013-876	Rad	ARSL	CAMO-13-30584	05/17/13	R-61 S1	1125	1135
2013-877	Rad	ARSL	CAMO-13-30585	05/22/13	R-61 S2	1220.4	1241
2013-886	Inorganic	GELC	CAMO-13-30601	05/22/13	R-61 S2	1220.4	1241
2013-886	Inorganic	GELC	CAMO-13-30585	05/22/13	R-61 S2	1220.4	1241
2013-886	Organic	GELC	CAMO-13-30585	05/22/13	R-61 S2	1220.4	1241
2013-886	Rad	GELC	CAMO-13-30585	05/22/13	R-61 S2	1220.4	1241

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

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

[c] Rad = Radiochemistry (not gamma).

[d] ARSL = American Radiation Services, Inc.