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Periodic Monitoring Report for Chromium Investigation Monitoring Group, May 21–June 6, 2012

Prepared by the Environmental Programs Directorate

EP2012-0246

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2012, 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 2011 Interim Facility-Wide Groundwater Monitoring Plan, Revision 1, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from May 21 to June 6, 2012, 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 the current 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; 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 from previous sampling of Chromium Investigation monitoring group PME monitoring locations are reported in this PMR. Ten results from groundwater samples collected during this PME from the Chromium Investigation monitoring group were above applicable screening levels.

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Acronyms and Abbreviations

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
IR	investigation report
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 2012, third quarter, quarterly groundwater monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Chromium Investigation monitoring group pursuant to the 2011 Interim Facility-Wide Groundwater Monitoring Plan (IFGMP), Revision 1 (LANL 2011, 208811), prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from May 21 to June 6, 2012, and included sampling of groundwater wells and well screens. No results from samples collected during previous PMEs that were unreported in their respective PMRs are 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 (hereafter, the Sandia Canyon IR) (LANL 2009, 107453).

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 Sandia Canyon IR (LANL 2009, 107453).

2.0 SCOPE OF ACTIVITIES

The PME for the Chromium Investigation monitoring group was conducted pursuant to the 2011 IFGMP, Revision 1 (LANL 2011, 208811).

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 monitored locations. These locations are shown in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2011 IFGMP, Revision 1 (LANL 2011, 208811).

3.2 Field Parameter Results

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

3.3 Groundwater Elevations and Base-Flow Observations

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 2011 IFGMP, Revision 1 (LANL 2011, 208811). 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-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 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://eprr.lanl.gov/oppie/service. 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 banks, 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 are 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 from previous sampling of PME monitoring locations are reported in this PMR.

For the current PME, the filtered perchlorate concentrations for intermediate groundwater wells MCOI-5 and MCOI-6 were 68.7 µg/L and 59.4 µg/L, respectively, above the Consent Order screening level of 4 µg/L. MCOI-5 concentrations have ranged from 68.7 µg/L (on two dates) to 132 µg/L since 2005. The results in MCOI-6 have decreased from 160 µg/L in late 2007; the measurement from this PME is the lowest.

In MCOI-6 the filtered chromium concentration of 58.4 µg/L was above the NMWQCC groundwater standard screening level of 50 µg/L. Measurements since 2005 range from 29.4 µg/L to 65.5 µg/L.

The filtered chromium result of 440 µg/L (the field duplicate result was 433 µg/L) at intermediate well SCI-2 was above the NMWQCC groundwater standard screening level of 50 µg/L. Results since October 2008 range from 433 µg/L to 658 µg/L; the field duplicate result from this PME is the lowest.

The unfiltered 1,4-dioxane concentration of 11.2 µg/L in a sample from MCOI-6 was above the EPA tapwater screening level of 6.7 µg/L. Measurements since 2006 range from 9.8 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 7.76 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.

In regional well R-28 the filtered chromium concentration was 351 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 894 µg/L. Concentrations since 2008 range from 744 µg/L to 1240 µg/L.

The filtered chromium concentration from the 1077-ft screen 1 at regional aquifer well R-50 was 98.3 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Values for earlier sampling events range from 49.8 µg/L to 99.8 µg/L.

The filtered chromium concentration from regional aquifer well R-62 was 135 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. This is the second sample at this well; the prior result was 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 round of samples from R-61, data show elevated concentrations of dissolved iron and manganese, indicating reducing conditions in the vicinity of the both well screens. The results from all but the first round of samples are therefore not representative of ambient groundwater conditions in the vicinity of the well. The Laboratory submitted the Work Plan for Redevelopment of Monitoring Well R-61 to NMED on June 26, 2012 (LANL 2012, 221454), which NMED approved on July 10, 2012 (NMED 2012, 520923). The work plan proposes to redevelop both screens at R-61 using chemical augmentation. Sampling at R-61 is deferred until the redevelopment is complete. Data from the initial rounds of samples at R-62 are currently being evaluated because of observations of potentially slightly low concentrations of dissolved oxygen during well purging. Extended purging has been conducted at R-62, and the results of those purge events are being evaluated. Otherwise, no modifications to the periodic monitoring sampling for the monitoring group are proposed at this time.

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

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

5.2.2 Groundwater

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

For results above screening levels, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group.

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), December 2011. "2011 Interim Facility-Wide Groundwater Monitoring Plan, Revision 1," Los Alamos National Laboratory document LA-UR-11-6958, Los Alamos, New Mexico. (LANL 2011, 208811)

LANL (Los Alamos National Laboratory), June 2012. "Work Plan for Redevelopment of Monitoring Well R-61," Los Alamos National Laboratory document LA-UR-12-20284, Los Alamos, New Mexico. (LANL 2012, 221454)

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

NMED (New Mexico Environment Department), July 10, 2012. "Approval, Work Plan for Redevelopment of Monitoring Well R-61," New Mexico Environment Department letter to P. Maggiore (DOE-LASO) and M.J. Graham (LANL) from J.E. Kieling (NMED-HWB), Santa Fe, New Mexico. (NMED 2012, 520923)

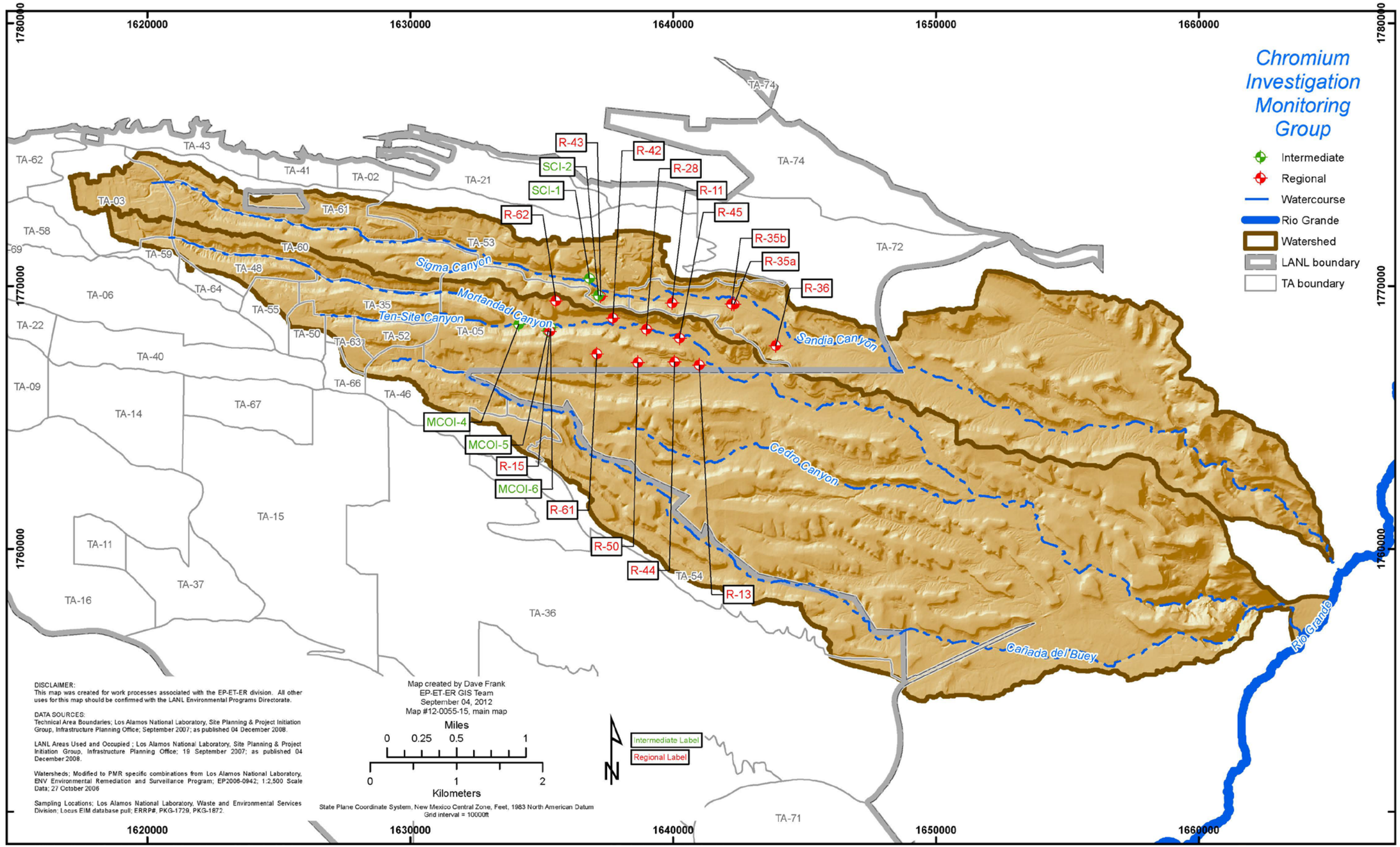

Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

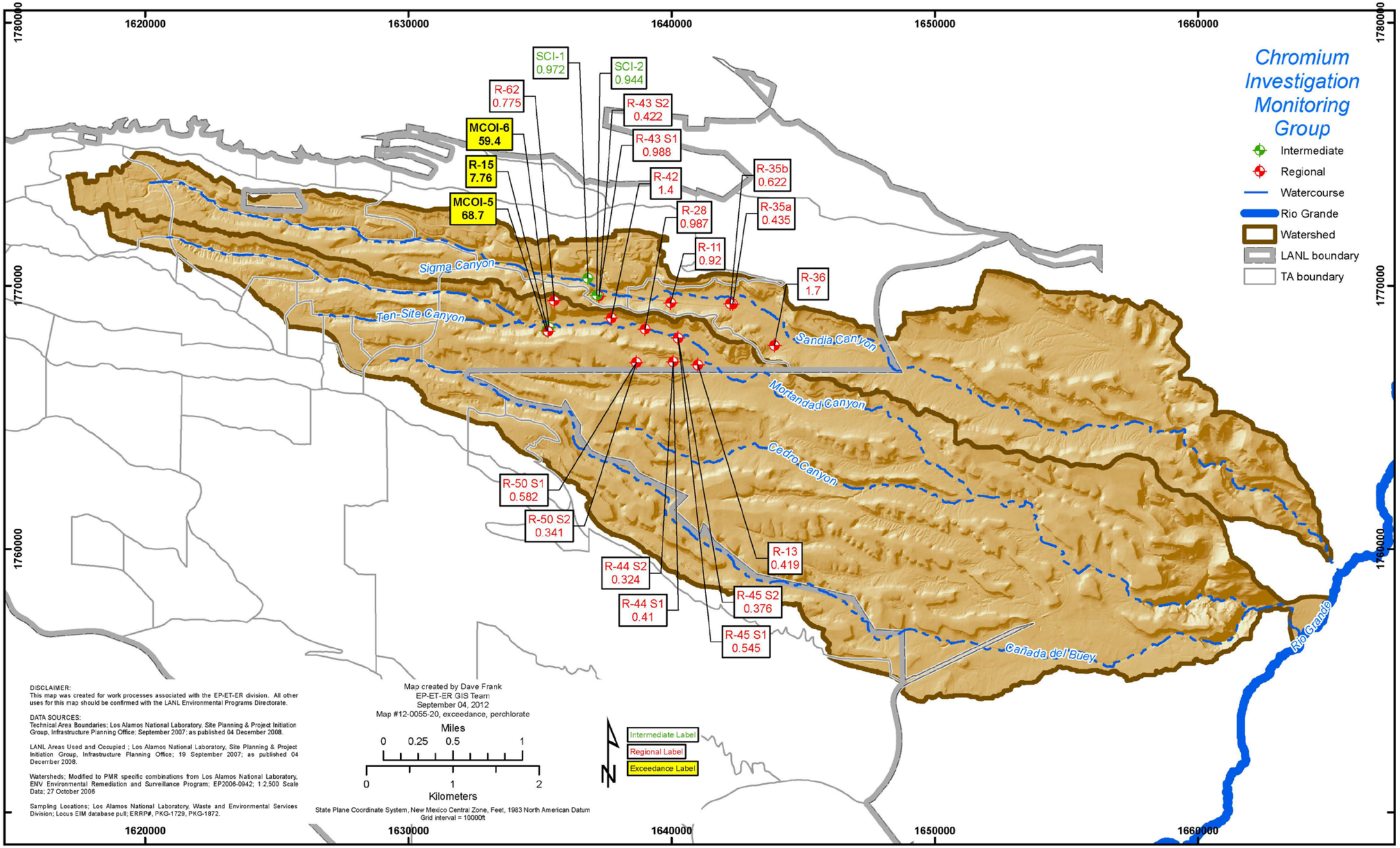

Figure 4.2-1 Monitoring group filtered perchlorate concentrations in µg/L. The Consent Order screening level is 4 µg/L.

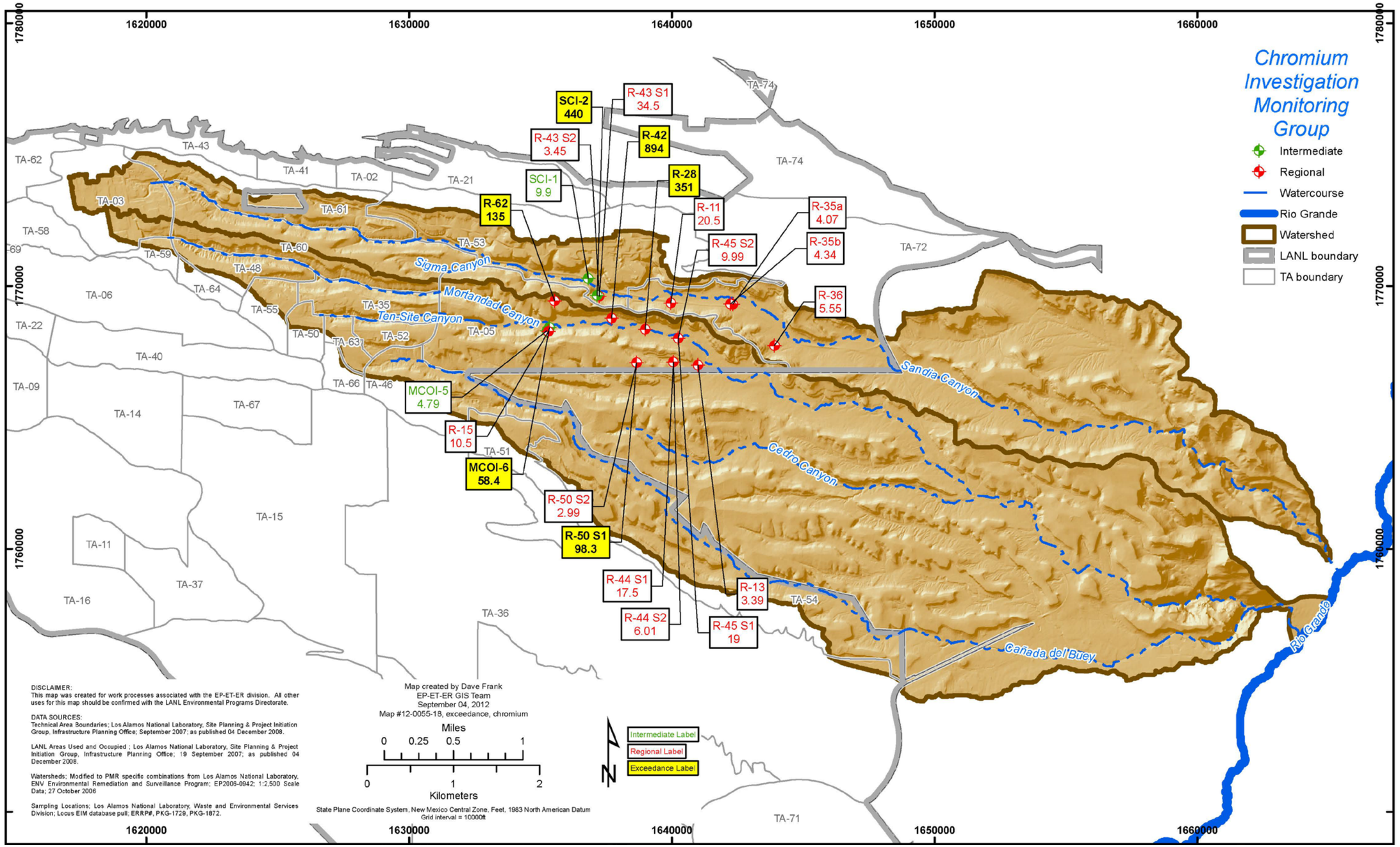

Figure 4.2-2 Monitoring group filtered chromium concentrations in µg/L. The NMWQCC groundwater standard screening level is 50 µg/L.

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	05/30/12	23.1	498.9	522	n/a[b]	n/a	Dry[c]
MCOI-5	06/04/12	9.96	689.04	699	15.3	15.5	0.11
MCOI-6	06/04/12	22.3	686	708.3	46.4	140	1.34
SCI-1	05/21/12	19.5	358.4	377.9	6.5	7.7	0.5
SCI-2	05/23/12	20	548	568	7.0	2.2	0.33
Regional							
R-11	05/21/12	22.9	855	877.9	52.2	165	3
R-13	06/05/12	60.39	958.3	1018.7	156.8	473	5.6
R-15	05/29/12	61.7	958.6	1020.3	61.1	184	10
R-28	05/24/12	23.8	934.3	958.1	72.9	222	3.7
R-35a	06/05/12	49.1	1013.1	1062.2	231.9	703	3.7
R-35b	06/06/12	23.1	825.4	848.5	67.4	206	3.0
R-36	05/30/12	23	766.9	789.9	42.0	128.7	3.3
R-42	05/23/12	21.1	931.8	952.9	53.6	168	2
R-43 S1	05/22/12	20.7	903.9	924.6	66.9	205	1.4
R-43 S2	05/22/12	10	969.1	979.1	25.5	82.6	1.4
R-44 S1	05/24/12	10	895	905	57.7	178	3.46
R-44 S2	05/24/12	9.9	985.3	995.2	76.4	231	3.4
R-45 S1	05/22/12	10	880	890	52.8	160	3.4
R-45 S2	05/22/12	20	974.9	994.9	91.8	279	3.3
R-50 S1	05/31/12	10	1077	1087	51.2	156	2.5
R-50 S2	05/31/12	20.59	1185	1205.6	96.5	291	1.9
R-61 S1	05/15/12	10	1125	1135	n/a	n/a	n/a[c]
R-61 S2	05/15/12	20.59	1220.4	1241	n/a	n/a	n/a[c]
R-62	06/06/12	20.7	1158.4	1179.1	47.4	156	1.25

[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.
R-61 S1	No sample for this PME	Sampling is on hold pending redevelopment.	This location will be sampled after redevelopment.
R-61 S2	No sample for this PME	Sampling is on hold pending redevelopment.	This location will be sampled after redevelopment.

Table 3.4-2
Analytes with PQLs above Screening Levels

Analyte or CAS[a] No.	Analyte Name	MDL[b]	PQL	Screening Level	Unit	Screening-Level Type
Herbicides						
94-74-6	MCPA[c]	12	53	18	µg/L	EPA Regional Tap
93-65-2	MCPP[d]	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

Table 3.4-2 (continued)

Analyte or CAS[a] No.	Analyte Name	MDL[b]	PQL	Screening Level	Unit	Screening-Level Type
108-95-2	Phenol	1	10	5	µg/L	NMWQCC Groundwater Standard
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] MDL = Method detection limit.

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

[d] 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	06/04/12	Perchlorate	F[a]	68.7	µg/L	4	Consent Order
MCOI-6	06/04/12	Perchlorate	F	59.4	µg/L	4	Consent Order
MCOI-6	06/04/12	Chromium	F	58.4	µg/L	50	NMWQCC Groundwater Standard
SCI-2	05/23/12	Chromium	F	440	µg/L	50	NMWQCC Groundwater Standard
MCOI-6	06/04/12	Dioxane[1,4-]	UF[b]	11.2	µg/L	6.7	EPA Tap Screening Level
Regional Groundwater							
R-15	05/29/12	Perchlorate	F	7.76	µg/L	4	Consent Order
R-28	05/24/12	Chromium	F	351	µg/L	50	NMWQCC Groundwater Standard
R-42	05/23/12	Chromium	F	894	µg/L	50	NMWQCC Groundwater Standard
R-50 S1	05/31/12	Chromium	F	98.3	µg/L	50	NMWQCC Groundwater Standard
R-62	06/06/12	Chromium	F	135	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	06/04/12	WG[a]	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	05/26/11	WG	Dissolved Oxygen	6.81	mg/L	CAMO-11-10699
MCOI-5	689.04	02/28/11	WG	Dissolved Oxygen	7.32	mg/L	CAMO-11-4590
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	05/26/11	WG	Oxidation-Reduction Potential	138.8	mV	CAMO-11-10699
MCOI-5	689.04	02/28/11	WG	Oxidation-Reduction Potential	216.4	mV	CAMO-11-4590
MCOI-5	689.04	06/04/12	WG	pH	8.49	SU[b]	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	05/26/11	WG	pH	8.04	SU	CAMO-11-10699
MCOI-5	689.04	02/28/11	WG	pH	8.35	SU	CAMO-11-4590
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	05/26/11	WG	Specific Conductance	184	µS/cm	CAMO-11-10699
MCOI-5	689.04	02/28/11	WG	Specific Conductance	160	µS/cm	CAMO-11-4590
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	05/26/11	WG	Temperature	13.66	deg C	CAMO-11-10699
MCOI-5	689.04	02/28/11	WG	Temperature	13.68	deg C	CAMO-11-4590
MCOI-5	689.04	06/04/12	WG	Turbidity	0.66	NTU[c]	CAMO-12-14070
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-5	689.04	05/26/11	WG	Turbidity	0.55	NTU	CAMO-11-10699
MCOI-5	689.04	02/28/11	WG	Turbidity	0.1	NTU	CAMO-11-4590
MCOI-6	686	06/04/12	WG	Dissolved Oxygen	6.97	mg/L	CAMO-12-14006
MCOI-6	686	03/05/12	WG	Dissolved Oxygen	7.1	mg/L	CAMO-12-12017
MCOI-6	686	03/05/12	WG	Dissolved Oxygen	7.1	mg/L	CAMO-12-12026
MCOI-6	686	11/09/11	WG	Dissolved Oxygen	6.65	mg/L	CAMO-12-1468
MCOI-6	686	08/10/11	WG	Dissolved Oxygen	6.86	mg/L	CAMO-11-24630
MCOI-6	686	05/31/11	WG	Dissolved Oxygen	6.9	mg/L	CAMO-11-10700
MCOI-6	686	06/04/12	WG	Oxidation-Reduction Potential	197.9	mV	CAMO-12-14006
MCOI-6	686	03/05/12	WG	Oxidation-Reduction Potential	211.6	mV	CAMO-12-12026
MCOI-6	686	03/05/12	WG	Oxidation-Reduction Potential	211.6	mV	CAMO-12-12017
MCOI-6	686	11/09/11	WG	Oxidation-Reduction Potential	180.8	mV	CAMO-12-1468
MCOI-6	686	08/10/11	WG	Oxidation-Reduction Potential	151.2	mV	CAMO-11-24630
MCOI-6	686	05/31/11	WG	Oxidation-Reduction Potential	207.8	mV	CAMO-11-10700
MCOI-6	686	06/04/12	WG	pH	7.2	SU	CAMO-12-14006
MCOI-6	686	03/05/12	WG	pH	7.25	SU	CAMO-12-12017
MCOI-6	686	03/05/12	WG	pH	7.25	SU	CAMO-12-12026
MCOI-6	686	11/09/11	WG	pH	7.11	SU	CAMO-12-1468
MCOI-6	686	08/10/11	WG	pH	7.11	SU	CAMO-11-24630
MCOI-6	686	05/31/11	WG	pH	7.13	SU	CAMO-11-10700
MCOI-6	686	06/04/12	WG	Specific Conductance	599	µS/cm	CAMO-12-14006
MCOI-6	686	03/05/12	WG	Specific Conductance	602	µS/cm	CAMO-12-12017
MCOI-6	686	03/05/12	WG	Specific Conductance	602	µS/cm	CAMO-12-12026
MCOI-6	686	11/09/11	WG	Specific Conductance	618	µS/cm	CAMO-12-1468
MCOI-6	686	08/10/11	WG	Specific Conductance	650	µS/cm	CAMO-11-24630
MCOI-6	686	05/31/11	WG	Specific Conductance	621	µS/cm	CAMO-11-10700
MCOI-6	686	06/04/12	WG	Temperature	16.4	deg C	CAMO-12-14006
MCOI-6	686	03/05/12	WG	Temperature	15.62	deg C	CAMO-12-12017

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-6	686	03/05/12	WG	Temperature	15.62	deg C	CAMO-12-12026
MCOI-6	686	11/09/11	WG	Temperature	14.42	deg C	CAMO-12-1468
MCOI-6	686	08/10/11	WG	Temperature	16.69	deg C	CAMO-11-24630
MCOI-6	686	05/31/11	WG	Temperature	16.17	deg C	CAMO-11-10700
MCOI-6	686	06/04/12	WG	Turbidity	0.42	NTU	CAMO-12-14006
MCOI-6	686	03/05/12	WG	Turbidity	0.54	NTU	CAMO-12-12017
MCOI-6	686	03/05/12	WG	Turbidity	0.54	NTU	CAMO-12-12026
MCOI-6	686	11/09/11	WG	Turbidity	0.79	NTU	CAMO-12-1468
MCOI-6	686	08/10/11	WG	Turbidity	0.39	NTU	CAMO-11-24630
MCOI-6	686	05/31/11	WG	Turbidity	0.58	NTU	CAMO-11-10700
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	03/07/12	WG	Dissolved Oxygen	7.36	mg/L	CASA-12-11709
R-11	855	11/16/11	WG	Dissolved Oxygen	7.58	mg/L	CASA-12-1379
R-11	855	08/12/11	WG	Dissolved Oxygen	7.54	mg/L	CASA-11-24778
R-11	855	05/23/11	WG	Dissolved Oxygen	7.48	mg/L	CASA-11-10811
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	03/07/12	WG	Oxidation-Reduction Potential	131.7	mV	CASA-12-11709
R-11	855	11/16/11	WG	Oxidation-Reduction Potential	168.7	mV	CASA-12-1379
R-11	855	08/12/11	WG	Oxidation-Reduction Potential	213.3	mV	CASA-11-24778
R-11	855	05/23/11	WG	Oxidation-Reduction Potential	188.7	mV	CASA-11-10811
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	03/07/12	WG	pH	7.97	SU	CASA-12-11709
R-11	855	11/16/11	WG	pH	7.99	SU	CASA-12-1379
R-11	855	08/12/11	WG	pH	7.98	SU	CASA-11-24778
R-11	855	05/23/11	WG	pH	7.91	SU	CASA-11-10811

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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
R-11	855	03/07/12	WG	Specific Conductance	223	µS/cm	CASA-12-11709
R-11	855	11/16/11	WG	Specific Conductance	224	µS/cm	CASA-12-1379
R-11	855	08/12/11	WG	Specific Conductance	224	µS/cm	CASA-11-24778
R-11	855	05/23/11	WG	Specific Conductance	222	µS/cm	CASA-11-10811
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	03/07/12	WG	Temperature	20.59	deg C	CASA-12-11709
R-11	855	11/16/11	WG	Temperature	21.21	deg C	CASA-12-1379
R-11	855	08/12/11	WG	Temperature	21.99	deg C	CASA-11-24778
R-11	855	05/23/11	WG	Temperature	21.96	deg C	CASA-11-10811
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-11	855	03/07/12	WG	Turbidity	0.46	NTU	CASA-12-11709
R-11	855	11/16/11	WG	Turbidity	0.24	NTU	CASA-12-1379
R-11	855	08/12/11	WG	Turbidity	0.42	NTU	CASA-11-24778
R-11	855	05/23/11	WG	Turbidity	0.22	NTU	CASA-11-10811
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	05/25/11	WG	Dissolved Oxygen	6.55	mg/L	CAMO-11-10703
R-13	958.33	02/18/11	WG	Dissolved Oxygen	6.65	mg/L	CAMO-11-4595
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	05/25/11	WG	Oxidation-Reduction Potential	203.6	mV	CAMO-11-10703
R-13	958.33	02/18/11	WG	Oxidation-Reduction Potential	190.6	mV	CAMO-11-4595

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	05/25/11	WG	pH	8.24	SU	CAMO-11-10703
R-13	958.33	02/18/11	WG	pH	8.24	SU	CAMO-11-4595
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	05/25/11	WG	Specific Conductance	140	µS/cm	CAMO-11-10703
R-13	958.33	02/18/11	WG	Specific Conductance	132	µS/cm	CAMO-11-4595
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	05/25/11	WG	Temperature	22.08	deg C	CAMO-11-10703
R-13	958.33	02/18/11	WG	Temperature	21.87	deg C	CAMO-11-4595
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-13	958.33	05/25/11	WG	Turbidity	0.31	NTU	CAMO-11-10703
R-13	958.33	02/18/11	WG	Turbidity	0.11	NTU	CAMO-11-4595
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	05/31/11	WG	Dissolved Oxygen	6.9	mg/L	CAMO-11-10715
R-15	958.6	02/28/11	WG	Dissolved Oxygen	7.2	mg/L	CAMO-11-4597
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-15	958.6	05/31/11	WG	Oxidation-Reduction Potential	175.9	mV	CAMO-11-10715
R-15	958.6	02/28/11	WG	Oxidation-Reduction Potential	184.7	mV	CAMO-11-4597
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
R-15	958.6	08/15/11	WG	pH	8.6	SU	CAMO-11-24636
R-15	958.6	05/31/11	WG	pH	8.3	SU	CAMO-11-10715
R-15	958.6	02/28/11	WG	pH	8.21	SU	CAMO-11-4597
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	05/31/11	WG	Specific Conductance	158	µS/cm	CAMO-11-10715
R-15	958.6	02/28/11	WG	Specific Conductance	156	µS/cm	CAMO-11-4597
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	05/31/11	WG	Temperature	20.35	deg C	CAMO-11-10715
R-15	958.6	02/28/11	WG	Temperature	20.03	deg C	CAMO-11-4597
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-15	958.6	05/31/11	WG	Turbidity	1.71	NTU	CAMO-11-10715
R-15	958.6	02/28/11	WG	Turbidity	1.4	NTU	CAMO-11-4597
R-28	934.3	05/24/12	WG	Dissolved Oxygen	6.49	mg/L	CAMO-12-14023
R-28	934.3	03/13/12	WG	Dissolved Oxygen	6.58	mg/L	CAMO-12-12018
R-28	934.3	11/15/11	WG	Dissolved Oxygen	6.73	mg/L	CAMO-12-1486
R-28	934.3	08/02/11	WG	Dissolved Oxygen	6.53	mg/L	CAMO-11-24637
R-28	934.3	06/01/11	WG	Dissolved Oxygen	6.56	mg/L	CAMO-11-10705
R-28	934.3	05/24/12	WG	Oxidation-Reduction Potential	207.4	mV	CAMO-12-14023

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-28	934.3	03/13/12	WG	Oxidation-Reduction Potential	98.7	mV	CAMO-12-12018
R-28	934.3	11/15/11	WG	Oxidation-Reduction Potential	95.4	mV	CAMO-12-1486
R-28	934.3	08/02/11	WG	Oxidation-Reduction Potential	116.1	mV	CAMO-11-24637
R-28	934.3	06/01/11	WG	Oxidation-Reduction Potential	169	mV	CAMO-11-10705
R-28	934.3	05/24/12	WG	pH	7.54	SU	CAMO-12-14023
R-28	934.3	03/13/12	WG	pH	7.49	SU	CAMO-12-12018
R-28	934.3	11/15/11	WG	pH	7.8	SU	CAMO-12-1486
R-28	934.3	08/02/11	WG	pH	7.74	SU	CAMO-11-24637
R-28	934.3	06/01/11	WG	pH	7.78	SU	CAMO-11-10705
R-28	934.3	05/24/12	WG	Specific Conductance	417	µS/cm	CAMO-12-14023
R-28	934.3	03/13/12	WG	Specific Conductance	436	µS/cm	CAMO-12-12018
R-28	934.3	11/15/11	WG	Specific Conductance	417	µS/cm	CAMO-12-1486
R-28	934.3	08/02/11	WG	Specific Conductance	424	µS/cm	CAMO-11-24637
R-28	934.3	06/01/11	WG	Specific Conductance	423	µS/cm	CAMO-11-10705
R-28	934.3	05/24/12	WG	Temperature	21.21	deg C	CAMO-12-14023
R-28	934.3	03/13/12	WG	Temperature	20.66	deg C	CAMO-12-12018
R-28	934.3	11/15/11	WG	Temperature	20.22	deg C	CAMO-12-1486
R-28	934.3	08/02/11	WG	Temperature	21.22	deg C	CAMO-11-24637
R-28	934.3	06/01/11	WG	Temperature	22	deg C	CAMO-11-10705
R-28	934.3	05/24/12	WG	Turbidity	0.69	NTU	CAMO-12-14023
R-28	934.3	03/13/12	WG	Turbidity	5.2	NTU	CAMO-12-12018
R-28	934.3	11/15/11	WG	Turbidity	0.53	NTU	CAMO-12-1486
R-28	934.3	08/02/11	WG	Turbidity	0.29	NTU	CAMO-11-24637
R-28	934.3	06/01/11	WG	Turbidity	0.61	NTU	CAMO-11-10705
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	05/23/11	WG	Dissolved Oxygen	5.04	mg/L	CASA-11-10812

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35a	1013.1	02/24/11	WG	Dissolved Oxygen	4.39	mg/L	CASA-11-4561
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
R-35a	1013.1	05/23/11	WG	Oxidation-Reduction Potential	217.9	mV	CASA-11-10812
R-35a	1013.1	02/24/11	WG	Oxidation-Reduction Potential	164.4	mV	CASA-11-4561
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	05/23/11	WG	pH	7.98	SU	CASA-11-10812
R-35a	1013.1	02/24/11	WG	pH	8	SU	CASA-11-4561
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	05/23/11	WG	Specific Conductance	248	µS/cm	CASA-11-10812
R-35a	1013.1	02/24/11	WG	Specific Conductance	245	µS/cm	CASA-11-4561
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	05/23/11	WG	Temperature	24.3	deg C	CASA-11-10812
R-35a	1013.1	02/24/11	WG	Temperature	23.23	deg C	CASA-11-4561
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-35a	1013.1	05/23/11	WG	Turbidity	2.75	NTU	CASA-11-10812
R-35a	1013.1	02/24/11	WG	Turbidity	1.34	NTU	CASA-11-4561
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35b	825.4	08/12/11	WG	Dissolved Oxygen	5.92	mg/L	CASA-11-24783
R-35b	825.4	06/01/11	WG	Dissolved Oxygen	6.03	mg/L	CASA-11-10815
R-35b	825.4	02/28/11	WG	Dissolved Oxygen	6.8	mg/L	CASA-11-4563
R-35b	825.4	06/06/12	WG	Oxidation-Reduction Potential	232.7	mV	CASA-12-17134
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	06/01/11	WG	Oxidation-Reduction Potential	286.6	mV	CASA-11-10815
R-35b	825.4	02/28/11	WG	Oxidation-Reduction Potential	169.6	mV	CASA-11-4563
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	06/01/11	WG	pH	7.67	SU	CASA-11-10815
R-35b	825.4	02/28/11	WG	pH	7.67	SU	CASA-11-4563
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	06/01/11	WG	Specific Conductance	179	µS/cm	CASA-11-10815
R-35b	825.4	02/28/11	WG	Specific Conductance	167	µS/cm	CASA-11-4563
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	06/01/11	WG	Temperature	22.09	deg C	CASA-11-10815
R-35b	825.4	02/28/11	WG	Temperature	20.29	deg C	CASA-11-4563
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-35b	825.4	06/01/11	WG	Turbidity	0.46	NTU	CASA-11-10815
R-35b	825.4	02/28/11	WG	Turbidity	0.9	NTU	CASA-11-4563

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	08/15/11	WG	Dissolved Oxygen	6.16	mg/L	CASA-11-24789
R-36	766.9	06/02/11	WG	Dissolved Oxygen	6.15	mg/L	CASA-11-10816
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	08/15/11	WG	Oxidation-Reduction Potential	175.7	mV	CASA-11-24789
R-36	766.9	06/02/11	WG	Oxidation-Reduction Potential	207.9	mV	CASA-11-10816
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	08/15/11	WG	pH	7.37	SU	CASA-11-24789
R-36	766.9	06/02/11	WG	pH	7.37	SU	CASA-11-10816
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	06/02/11	WG	Specific Conductance	192	µS/cm	CASA-11-10816
R-36	766.9	02/25/11	WG	Specific Conductance	197	µS/cm	CASA-11-4565
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	08/15/11	WG	Temperature	21.02	deg C	CASA-11-24789
R-36	766.9	06/02/11	WG	Temperature	21.31	deg C	CASA-11-10816
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-36	766.9	08/15/11	WG	Turbidity	0.67	NTU	CASA-11-24789
R-36	766.9	06/02/11	WG	Turbidity	0.8	NTU	CASA-11-10816
R-42	931.8	05/23/12	WG	Dissolved Oxygen	6.84	mg/L	CAMO-12-14009
R-42	931.8	03/09/12	WG	Dissolved Oxygen	6.96	mg/L	CAMO-12-12020
R-42	931.8	03/09/12	WG	Dissolved Oxygen	6.96	mg/L	CAMO-12-12029
R-42	931.8	11/10/11	WG	Dissolved Oxygen	6.96	mg/L	CAMO-12-1491
R-42	931.8	08/02/11	WG	Dissolved Oxygen	6.79	mg/L	CAMO-11-24639
R-42	931.8	05/31/11	WG	Dissolved Oxygen	6.82	mg/L	CAMO-11-10717
R-42	931.8	05/23/12	WG	Oxidation-Reduction Potential	243.2	mV	CAMO-12-14009
R-42	931.8	03/09/12	WG	Oxidation-Reduction Potential	6.4	mV	CAMO-12-12020
R-42	931.8	03/09/12	WG	Oxidation-Reduction Potential	6.4	mV	CAMO-12-12029
R-42	931.8	11/10/11	WG	Oxidation-Reduction Potential	193	mV	CAMO-12-1491
R-42	931.8	08/02/11	WG	Oxidation-Reduction Potential	81.7	mV	CAMO-11-24639
R-42	931.8	05/31/11	WG	Oxidation-Reduction Potential	249.8	mV	CAMO-11-10717
R-42	931.8	05/23/12	WG	pH	7.5	SU	CAMO-12-14009
R-42	931.8	03/09/12	WG	pH	7.49	SU	CAMO-12-12020
R-42	931.8	03/09/12	WG	pH	7.49	SU	CAMO-12-12029
R-42	931.8	11/10/11	WG	pH	7.38	SU	CAMO-12-1491
R-42	931.8	08/02/11	WG	pH	7.54	SU	CAMO-11-24639
R-42	931.8	05/31/11	WG	pH	7.47	SU	CAMO-11-10717
R-42	931.8	05/23/12	WG	Specific Conductance	486	µS/cm	CAMO-12-14009
R-42	931.8	03/09/12	WG	Specific Conductance	483	µS/cm	CAMO-12-12020
R-42	931.8	03/09/12	WG	Specific Conductance	483	µS/cm	CAMO-12-12029
R-42	931.8	11/10/11	WG	Specific Conductance	486	µS/cm	CAMO-12-1491
R-42	931.8	08/02/11	WG	Specific Conductance	486	µS/cm	CAMO-11-24639
R-42	931.8	05/31/11	WG	Specific Conductance	481	µS/cm	CAMO-11-10717
R-42	931.8	05/23/12	WG	Temperature	20.69	deg C	CAMO-12-14009
R-42	931.8	03/09/12	WG	Temperature	18.42	deg C	CAMO-12-12020

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-42	931.8	03/09/12	WG	Temperature	18.42	deg C	CAMO-12-12029
R-42	931.8	11/10/11	WG	Temperature	18.76	deg C	CAMO-12-1491
R-42	931.8	08/02/11	WG	Temperature	20.43	deg C	CAMO-11-24639
R-42	931.8	05/31/11	WG	Temperature	20.41	deg C	CAMO-11-10717
R-42	931.8	05/23/12	WG	Turbidity	1.42	NTU	CAMO-12-14009
R-42	931.8	03/09/12	WG	Turbidity	0.84	NTU	CAMO-12-12020
R-42	931.8	03/09/12	WG	Turbidity	0.84	NTU	CAMO-12-12029
R-42	931.8	11/10/11	WG	Turbidity	0.81	NTU	CAMO-12-1491
R-42	931.8	08/02/11	WG	Turbidity	1.37	NTU	CAMO-11-24639
R-42	931.8	05/31/11	WG	Turbidity	0.71	NTU	CAMO-11-10717
R-43 S1	903.9	05/22/12	WG	Dissolved Oxygen	7.05	mg/L	CASA-12-14058
R-43 S1	903.9	03/09/12	WG	Dissolved Oxygen	7.04	mg/L	CASA-12-11710
R-43 S1	903.9	11/15/11	WG	Dissolved Oxygen	7.06	mg/L	CASA-12-1391
R-43 S1	903.9	08/16/11	WG	Dissolved Oxygen	7.01	mg/L	CASA-11-24785
R-43 S1	903.9	05/18/11	WG	Dissolved Oxygen	6.97	mg/L	CASA-11-10818
R-43 S1	903.9	05/22/12	WG	Oxidation-Reduction Potential	229.9	mV	CASA-12-14058
R-43 S1	903.9	03/09/12	WG	Oxidation-Reduction Potential	151	mV	CASA-12-11710
R-43 S1	903.9	11/15/11	WG	Oxidation-Reduction Potential	158.5	mV	CASA-12-1391
R-43 S1	903.9	08/16/11	WG	Oxidation-Reduction Potential	119.2	mV	CASA-11-24785
R-43 S1	903.9	05/18/11	WG	Oxidation-Reduction Potential	196.6	mV	CASA-11-10818
R-43 S1	903.9	05/22/12	WG	pH	8.2	SU	CASA-12-14058
R-43 S1	903.9	03/09/12	WG	pH	8.33	SU	CASA-12-11710
R-43 S1	903.9	11/15/11	WG	pH	8.3	SU	CASA-12-1391
R-43 S1	903.9	08/16/11	WG	pH	8.27	SU	CASA-11-24785
R-43 S1	903.9	05/18/11	WG	pH	8.34	SU	CASA-11-10818
R-43 S1	903.9	05/22/12	WG	Specific Conductance	173	µS/cm	CASA-12-14058
R-43 S1	903.9	03/09/12	WG	Specific Conductance	177	µS/cm	CASA-12-11710
R-43 S1	903.9	11/15/11	WG	Specific Conductance	177	µS/cm	CASA-12-1391

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S1	903.9	08/16/11	WG	Specific Conductance	177	µS/cm	CASA-11-24785
R-43 S1	903.9	05/18/11	WG	Specific Conductance	175	µS/cm	CASA-11-10818
R-43 S1	903.9	05/22/12	WG	Temperature	20.85	deg C	CASA-12-14058
R-43 S1	903.9	03/09/12	WG	Temperature	19.71	deg C	CASA-12-11710
R-43 S1	903.9	11/15/11	WG	Temperature	20.13	deg C	CASA-12-1391
R-43 S1	903.9	08/16/11	WG	Temperature	20.94	deg C	CASA-11-24785
R-43 S1	903.9	05/18/11	WG	Temperature	20.7	deg C	CASA-11-10818
R-43 S1	903.9	05/22/12	WG	Turbidity	0.53	NTU	CASA-12-14058
R-43 S1	903.9	03/09/12	WG	Turbidity	0.33	NTU	CASA-12-11710
R-43 S1	903.9	11/15/11	WG	Turbidity	0.34	NTU	CASA-12-1391
R-43 S1	903.9	08/16/11	WG	Turbidity	0.5	NTU	CASA-11-24785
R-43 S1	903.9	05/18/11	WG	Turbidity	1.4	NTU	CASA-11-10818
R-43 S2	969.1	05/22/12	WG	Dissolved Oxygen	3.09	mg/L	CASA-12-14059
R-43 S2	969.1	03/12/12	WG	Dissolved Oxygen	3.42	mg/L	CASA-12-11715
R-43 S2	969.1	11/15/11	WG	Dissolved Oxygen	2.93	mg/L	CASA-12-1396
R-43 S2	969.1	08/16/11	WG	Dissolved Oxygen	2.54	mg/L	CASA-11-24753
R-43 S2	969.1	08/16/11	WG	Dissolved Oxygen	2.65	mg/L	CASA-11-24755
R-43 S2	969.1	08/16/11	WG	Dissolved Oxygen	2.65	mg/L	CASA-11-24787
R-43 S2	969.1	08/16/11	WG	Dissolved Oxygen	1.3	mg/L	CASA-11-24751
R-43 S2	969.1	05/18/11	WG	Dissolved Oxygen	1.83	mg/L	CASA-11-11645
R-43 S2	969.1	05/18/11	WG	Dissolved Oxygen	2.77	mg/L	CASA-11-11647
R-43 S2	969.1	05/18/11	WG	Dissolved Oxygen	2.83	mg/L	CASA-11-11649
R-43 S2	969.1	05/18/11	WG	Dissolved Oxygen	2.83	mg/L	CASA-11-10820
R-43 S2	969.1	05/22/12	WG	Oxidation-Reduction Potential	202.6	mV	CASA-12-14059
R-43 S2	969.1	03/12/12	WG	Oxidation-Reduction Potential	-147.3	mV	CASA-12-11715
R-43 S2	969.1	11/15/11	WG	Oxidation-Reduction Potential	110.7	mV	CASA-12-1396
R-43 S2	969.1	08/16/11	WG	Oxidation-Reduction Potential	-11	mV	CASA-11-24753
R-43 S2	969.1	08/16/11	WG	Oxidation-Reduction Potential	25.5	mV	CASA-11-24755

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	08/16/11	WG	Oxidation-Reduction Potential	25.5	mV	CASA-11-24787
R-43 S2	969.1	08/16/11	WG	Oxidation-Reduction Potential	-115.5	mV	CASA-11-24751
R-43 S2	969.1	05/18/11	WG	Oxidation-Reduction Potential	68	mV	CASA-11-11645
R-43 S2	969.1	05/18/11	WG	Oxidation-Reduction Potential	91.2	mV	CASA-11-11647
R-43 S2	969.1	05/18/11	WG	Oxidation-Reduction Potential	102.8	mV	CASA-11-11649
R-43 S2	969.1	05/18/11	WG	Oxidation-Reduction Potential	102.8	mV	CASA-11-10820
R-43 S2	969.1	05/22/12	WG	pH	8.72	SU	CASA-12-14059
R-43 S2	969.1	03/12/12	WG	pH	8.88	SU	CASA-12-11715
R-43 S2	969.1	11/15/11	WG	pH	8.86	SU	CASA-12-1396
R-43 S2	969.1	08/16/11	WG	pH	8.9	SU	CASA-11-24753
R-43 S2	969.1	08/16/11	WG	pH	8.82	SU	CASA-11-24755
R-43 S2	969.1	08/16/11	WG	pH	8.82	SU	CASA-11-24787
R-43 S2	969.1	08/16/11	WG	pH	9.12	SU	CASA-11-24751
R-43 S2	969.1	05/18/11	WG	pH	9.1	SU	CASA-11-11645
R-43 S2	969.1	05/18/11	WG	pH	8.89	SU	CASA-11-11647
R-43 S2	969.1	05/18/11	WG	pH	8.8	SU	CASA-11-11649
R-43 S2	969.1	05/18/11	WG	pH	8.8	SU	CASA-11-10820
R-43 S2	969.1	05/22/12	WG	Specific Conductance	181	µS/cm	CASA-12-14059
R-43 S2	969.1	03/12/12	WG	Specific Conductance	189	µS/cm	CASA-12-11715
R-43 S2	969.1	11/15/11	WG	Specific Conductance	188	µS/cm	CASA-12-1396
R-43 S2	969.1	08/16/11	WG	Specific Conductance	192	µS/cm	CASA-11-24753
R-43 S2	969.1	08/16/11	WG	Specific Conductance	190	µS/cm	CASA-11-24755
R-43 S2	969.1	08/16/11	WG	Specific Conductance	190	µS/cm	CASA-11-24787
R-43 S2	969.1	08/16/11	WG	Specific Conductance	183	µS/cm	CASA-11-24751
R-43 S2	969.1	05/18/11	WG	Specific Conductance	184	µS/cm	CASA-11-11645
R-43 S2	969.1	05/18/11	WG	Specific Conductance	191	µS/cm	CASA-11-11647
R-43 S2	969.1	05/18/11	WG	Specific Conductance	189	µS/cm	CASA-11-11649
R-43 S2	969.1	05/18/11	WG	Specific Conductance	189	µS/cm	CASA-11-10820

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S2	969.1	05/22/12	WG	Temperature	20.78	deg C	CASA-12-14059
R-43 S2	969.1	03/12/12	WG	Temperature	19.12	deg C	CASA-12-11715
R-43 S2	969.1	11/15/11	WG	Temperature	19.56	deg C	CASA-12-1396
R-43 S2	969.1	08/16/11	WG	Temperature	19.87	deg C	CASA-11-24753
R-43 S2	969.1	08/16/11	WG	Temperature	19.98	deg C	CASA-11-24755
R-43 S2	969.1	08/16/11	WG	Temperature	19.98	deg C	CASA-11-24787
R-43 S2	969.1	08/16/11	WG	Temperature	17.45	deg C	CASA-11-24751
R-43 S2	969.1	05/18/11	WG	Temperature	19.96	deg C	CASA-11-11645
R-43 S2	969.1	05/18/11	WG	Temperature	19.99	deg C	CASA-11-11647
R-43 S2	969.1	05/18/11	WG	Temperature	20.08	deg C	CASA-11-11649
R-43 S2	969.1	05/18/11	WG	Temperature	20.08	deg C	CASA-11-10820
R-43 S2	969.1	05/22/12	WG	Turbidity	0.29	NTU	CASA-12-14059
R-43 S2	969.1	03/12/12	WG	Turbidity	0.61	NTU	CASA-12-11715
R-43 S2	969.1	11/15/11	WG	Turbidity	0.44	NTU	CASA-12-1396
R-43 S2	969.1	08/16/11	WG	Turbidity	0.32	NTU	CASA-11-24753
R-43 S2	969.1	08/16/11	WG	Turbidity	0.39	NTU	CASA-11-24755
R-43 S2	969.1	08/16/11	WG	Turbidity	0.39	NTU	CASA-11-24787
R-43 S2	969.1	08/16/11	WG	Turbidity	0.51	NTU	CASA-11-24751
R-43 S2	969.1	05/18/11	WG	Turbidity	1.38	NTU	CASA-11-11645
R-43 S2	969.1	05/18/11	WG	Turbidity	2.26	NTU	CASA-11-11647
R-43 S2	969.1	05/18/11	WG	Turbidity	0.35	NTU	CASA-11-11649
R-43 S2	969.1	05/18/11	WG	Turbidity	0.35	NTU	CASA-11-10820
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	05/19/11	WG	Dissolved Oxygen	5.33	mg/L	CAMO-11-10706
R-44 S1	895	02/25/11	WG	Dissolved Oxygen	5.74	mg/L	CAMO-11-4603
R-44 S1	895	05/24/12	WG	Oxidation-Reduction Potential	271.1	mV	CAMO-12-14010

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	05/19/11	WG	Oxidation-Reduction Potential	151	mV	CAMO-11-10706
R-44 S1	895	02/25/11	WG	Oxidation-Reduction Potential	94.8	mV	CAMO-11-4603
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	05/19/11	WG	pH	7.8	SU	CAMO-11-10706
R-44 S1	895	02/25/11	WG	pH	7.88	SU	CAMO-11-4603
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	05/19/11	WG	Specific Conductance	133	µS/cm	CAMO-11-10706
R-44 S1	895	02/25/11	WG	Specific Conductance	130	µS/cm	CAMO-11-4603
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	05/19/11	WG	Temperature	20.16	deg C	CAMO-11-10706
R-44 S1	895	02/25/11	WG	Temperature	20.18	deg C	CAMO-11-4603
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 S1	895	05/19/11	WG	Turbidity	0.45	NTU	CAMO-11-10706
R-44 S1	895	02/25/11	WG	Turbidity	0	NTU	CAMO-11-4603
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	05/19/11	WG	Dissolved Oxygen	6.94	mg/L	CAMO-11-11467
R-44 S2	985.3	05/19/11	WG	Dissolved Oxygen	6.94	mg/L	CAMO-11-11469
R-44 S2	985.3	05/19/11	WG	Dissolved Oxygen	6.82	mg/L	CAMO-11-10708
R-44 S2	985.3	05/19/11	WG	Dissolved Oxygen	6.82	mg/L	CAMO-11-11471
R-44 S2	985.3	02/25/11	WG	Dissolved Oxygen	6.77	mg/L	CAMO-11-4605
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	05/19/11	WG	Oxidation-Reduction Potential	71.9	mV	CAMO-11-11467
R-44 S2	985.3	05/19/11	WG	Oxidation-Reduction Potential	108.8	mV	CAMO-11-11469
R-44 S2	985.3	05/19/11	WG	Oxidation-Reduction Potential	123	mV	CAMO-11-10708
R-44 S2	985.3	05/19/11	WG	Oxidation-Reduction Potential	123	mV	CAMO-11-11471
R-44 S2	985.3	02/25/11	WG	Oxidation-Reduction Potential	75.1	mV	CAMO-11-4605
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
R-44 S2	985.3	05/19/11	WG	pH	7.9	SU	CAMO-11-11467
R-44 S2	985.3	05/19/11	WG	pH	7.89	SU	CAMO-11-11469
R-44 S2	985.3	05/19/11	WG	pH	7.9	SU	CAMO-11-10708
R-44 S2	985.3	05/19/11	WG	pH	7.9	SU	CAMO-11-11471

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	02/25/11	WG	pH	7.92	SU	CAMO-11-4605
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	05/19/11	WG	Specific Conductance	150	µS/cm	CAMO-11-11467
R-44 S2	985.3	05/19/11	WG	Specific Conductance	148	µS/cm	CAMO-11-11469
R-44 S2	985.3	05/19/11	WG	Specific Conductance	147	µS/cm	CAMO-11-10708
R-44 S2	985.3	05/19/11	WG	Specific Conductance	147	µS/cm	CAMO-11-11471
R-44 S2	985.3	02/25/11	WG	Specific Conductance	146	µS/cm	CAMO-11-4605
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	05/19/11	WG	Temperature	19.67	deg C	CAMO-11-11467
R-44 S2	985.3	05/19/11	WG	Temperature	20.44	deg C	CAMO-11-11469
R-44 S2	985.3	05/19/11	WG	Temperature	20.43	deg C	CAMO-11-10708
R-44 S2	985.3	05/19/11	WG	Temperature	20.43	deg C	CAMO-11-11471
R-44 S2	985.3	02/25/11	WG	Temperature	20.03	deg C	CAMO-11-4605
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	08/05/11	WG	Turbidity	0.33	NTU	CAMO-11-24526
R-44 S2	985.3	05/19/11	WG	Turbidity	0.3	NTU	CAMO-11-11467
R-44 S2	985.3	05/19/11	WG	Turbidity	0.4	NTU	CAMO-11-11469
R-44 S2	985.3	05/19/11	WG	Turbidity	0.33	NTU	CAMO-11-10708
R-44 S2	985.3	05/19/11	WG	Turbidity	0.33	NTU	CAMO-11-11471
R-44 S2	985.3	02/25/11	WG	Turbidity	0	NTU	CAMO-11-4605
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
R-45 S1	880	08/01/11	WG	Dissolved Oxygen	7.08	mg/L	CAMO-11-24642
R-45 S1	880	05/20/11	WG	Dissolved Oxygen	7.2	mg/L	CAMO-11-10711
R-45 S1	880	02/10/11	WG	Dissolved Oxygen	7.29	mg/L	CAMO-11-4607
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	05/20/11	WG	Oxidation-Reduction Potential	89.7	mV	CAMO-11-10711
R-45 S1	880	02/10/11	WG	Oxidation-Reduction Potential	73.5	mV	CAMO-11-4607
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	05/20/11	WG	pH	7.89	SU	CAMO-11-10711
R-45 S1	880	02/10/11	WG	pH	7.83	SU	CAMO-11-4607
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	05/20/11	WG	Specific Conductance	175	µS/cm	CAMO-11-10711
R-45 S1	880	02/10/11	WG	Specific Conductance	179	µS/cm	CAMO-11-4607
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-45 S1	880	08/01/11	WG	Temperature	21.48	deg C	CAMO-11-24642
R-45 S1	880	05/20/11	WG	Temperature	20.2	deg C	CAMO-11-10711
R-45 S1	880	02/10/11	WG	Temperature	20.07	deg C	CAMO-11-4607
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 S1	880	05/20/11	WG	Turbidity	0.14	NTU	CAMO-11-10711
R-45 S1	880	02/10/11	WG	Turbidity	0.23	NTU	CAMO-11-4607
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	05/20/11	WG	Dissolved Oxygen	6.61	mg/L	CAMO-11-10713
R-45 S2	974.9	02/11/11	WG	Dissolved Oxygen	6.26	mg/L	CAMO-11-4609
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	05/20/11	WG	Oxidation-Reduction Potential	100.9	mV	CAMO-11-10713
R-45 S2	974.9	02/11/11	WG	Oxidation-Reduction Potential	88.5	mV	CAMO-11-4609
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	05/20/11	WG	pH	8.15	SU	CAMO-11-10713
R-45 S2	974.9	02/11/11	WG	pH	8.19	SU	CAMO-11-4609
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	05/20/11	WG	Specific Conductance	168	µS/cm	CAMO-11-10713
R-45 S2	974.9	02/11/11	WG	Specific Conductance	170	µS/cm	CAMO-11-4609

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	05/20/11	WG	Temperature	21.06	deg C	CAMO-11-10713
R-45 S2	974.9	02/11/11	WG	Temperature	20.61	deg C	CAMO-11-4609
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
R-45 S2	974.9	05/20/11	WG	Turbidity	0.34	NTU	CAMO-11-10713
R-45 S2	974.9	02/11/11	WG	Turbidity	0.29	NTU	CAMO-11-4609
R-50 S1	1077	05/31/12	WG	Dissolved Oxygen	5.33	mg/L	CAMO-12-14014
R-50 S1	1077	03/08/12	WG	Dissolved Oxygen	5.47	mg/L	CAMO-12-12021
R-50 S1	1077	11/18/11	WG	Dissolved Oxygen	5.23	mg/L	CAMO-12-1505
R-50 S1	1077	08/04/11	WG	Dissolved Oxygen	5.13	mg/L	CAMO-11-24536
R-50 S1	1077	08/04/11	WG	Dissolved Oxygen	4.3	mg/L	CAMO-11-24532
R-50 S1	1077	08/04/11	WG	Dissolved Oxygen	4.69	mg/L	CAMO-11-24534
R-50 S1	1077	08/04/11	WG	Dissolved Oxygen	5.13	mg/L	CAMO-11-24673
R-50 S1	1077	05/25/11	WG	Dissolved Oxygen	5.02	mg/L	CAMO-11-10720
R-50 S1	1077	05/25/11	WG	Dissolved Oxygen	4.53	mg/L	CAMO-11-11476
R-50 S1	1077	05/25/11	WG	Dissolved Oxygen	3.36	mg/L	CAMO-11-11473
R-50 S1	1077	05/25/11	WG	Dissolved Oxygen	5.02	mg/L	CAMO-11-11477
R-50 S1	1077	05/31/12	WG	Oxidation-Reduction Potential	87.4	mV	CAMO-12-14014
R-50 S1	1077	03/08/12	WG	Oxidation-Reduction Potential	-6.9	mV	CAMO-12-12021
R-50 S1	1077	11/18/11	WG	Oxidation-Reduction Potential	107.9	mV	CAMO-12-1505
R-50 S1	1077	08/04/11	WG	Oxidation-Reduction Potential	-0.9	mV	CAMO-11-24536
R-50 S1	1077	08/04/11	WG	Oxidation-Reduction Potential	-39.9	mV	CAMO-11-24532
R-50 S1	1077	08/04/11	WG	Oxidation-Reduction Potential	-14.4	mV	CAMO-11-24534
R-50 S1	1077	08/04/11	WG	Oxidation-Reduction Potential	-0.9	mV	CAMO-11-24673

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077	05/25/11	WG	Oxidation-Reduction Potential	221.1	mV	CAMO-11-10720
R-50 S1	1077	05/25/11	WG	Oxidation-Reduction Potential	219.8	mV	CAMO-11-11476
R-50 S1	1077	05/25/11	WG	Oxidation-Reduction Potential	220	mV	CAMO-11-11473
R-50 S1	1077	05/25/11	WG	Oxidation-Reduction Potential	221.1	mV	CAMO-11-11477
R-50 S1	1077	05/31/12	WG	pH	7.94	SU	CAMO-12-14014
R-50 S1	1077	03/08/12	WG	pH	7.93	SU	CAMO-12-12021
R-50 S1	1077	11/18/11	WG	pH	7.93	SU	CAMO-12-1505
R-50 S1	1077	08/04/11	WG	pH	7.89	SU	CAMO-11-24536
R-50 S1	1077	08/04/11	WG	pH	8.04	SU	CAMO-11-24532
R-50 S1	1077	08/04/11	WG	pH	7.93	SU	CAMO-11-24534
R-50 S1	1077	08/04/11	WG	pH	7.89	SU	CAMO-11-24673
R-50 S1	1077	05/25/11	WG	pH	7.9	SU	CAMO-11-10720
R-50 S1	1077	05/25/11	WG	pH	7.92	SU	CAMO-11-11476
R-50 S1	1077	05/25/11	WG	pH	7.94	SU	CAMO-11-11473
R-50 S1	1077	05/25/11	WG	pH	7.9	SU	CAMO-11-11477
R-50 S1	1077	05/31/12	WG	Specific Conductance	186	µS/cm	CAMO-12-14014
R-50 S1	1077	03/08/12	WG	Specific Conductance	182	µS/cm	CAMO-12-12021
R-50 S1	1077	11/18/11	WG	Specific Conductance	176	µS/cm	CAMO-12-1505
R-50 S1	1077	08/04/11	WG	Specific Conductance	181	µS/cm	CAMO-11-24536
R-50 S1	1077	08/04/11	WG	Specific Conductance	191	µS/cm	CAMO-11-24532
R-50 S1	1077	08/04/11	WG	Specific Conductance	186	µS/cm	CAMO-11-24534
R-50 S1	1077	08/04/11	WG	Specific Conductance	181	µS/cm	CAMO-11-24673
R-50 S1	1077	05/25/11	WG	Specific Conductance	140	µS/cm	CAMO-11-10720
R-50 S1	1077	05/25/11	WG	Specific Conductance	149	µS/cm	CAMO-11-11476
R-50 S1	1077	05/25/11	WG	Specific Conductance	162	µS/cm	CAMO-11-11473
R-50 S1	1077	05/25/11	WG	Specific Conductance	140	µS/cm	CAMO-11-11477
R-50 S1	1077	05/31/12	WG	Temperature	21.25	deg C	CAMO-12-14014
R-50 S1	1077	03/08/12	WG	Temperature	19.42	deg C	CAMO-12-12021

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077	11/18/11	WG	Temperature	20.61	deg C	CAMO-12-1505
R-50 S1	1077	08/04/11	WG	Temperature	20.91	deg C	CAMO-11-24536
R-50 S1	1077	08/04/11	WG	Temperature	20.13	deg C	CAMO-11-24532
R-50 S1	1077	08/04/11	WG	Temperature	20.68	deg C	CAMO-11-24534
R-50 S1	1077	08/04/11	WG	Temperature	20.91	deg C	CAMO-11-24673
R-50 S1	1077	05/25/11	WG	Temperature	21.36	deg C	CAMO-11-10720
R-50 S1	1077	05/25/11	WG	Temperature	21.16	deg C	CAMO-11-11476
R-50 S1	1077	05/25/11	WG	Temperature	20.49	deg C	CAMO-11-11473
R-50 S1	1077	05/25/11	WG	Temperature	21.36	deg C	CAMO-11-11477
R-50 S1	1077	05/31/12	WG	Turbidity	0.58	NTU	CAMO-12-14014
R-50 S1	1077	03/08/12	WG	Turbidity	0.76	NTU	CAMO-12-12021
R-50 S1	1077	11/18/11	WG	Turbidity	2.57	NTU	CAMO-12-1505
R-50 S1	1077	08/04/11	WG	Turbidity	1.69	NTU	CAMO-11-24536
R-50 S1	1077	08/04/11	WG	Turbidity	1.41	NTU	CAMO-11-24532
R-50 S1	1077	08/04/11	WG	Turbidity	2.18	NTU	CAMO-11-24534
R-50 S1	1077	08/04/11	WG	Turbidity	1.69	NTU	CAMO-11-24673
R-50 S1	1077	05/25/11	WG	Turbidity	1.52	NTU	CAMO-11-10720
R-50 S1	1077	05/25/11	WG	Turbidity	1.71	NTU	CAMO-11-11476
R-50 S1	1077	05/25/11	WG	Turbidity	0.79	NTU	CAMO-11-11473
R-50 S1	1077	05/25/11	WG	Turbidity	1.52	NTU	CAMO-11-11477
R-50 S2	1185	05/31/12	WG	Dissolved Oxygen	6.93	mg/L	CAMO-12-14015
R-50 S2	1185	03/07/12	WG	Dissolved Oxygen	6.89	mg/L	CAMO-12-12022
R-50 S2	1185	11/28/11	WG	Dissolved Oxygen	6.57	mg/L	CAMO-12-1809
R-50 S2	1185	11/21/11	WG	Dissolved Oxygen	5.39	mg/L	CAMO-12-1509
R-50 S2	1185	08/08/11	WG	Dissolved Oxygen	7.12	mg/L	CAMO-11-24538
R-50 S2	1185	08/08/11	WG	Dissolved Oxygen	6.83	mg/L	CAMO-11-24679
R-50 S2	1185	08/08/11	WG	Dissolved Oxygen	6.85	mg/L	CAMO-11-24540
R-50 S2	1185	08/08/11	WG	Dissolved Oxygen	6.83	mg/L	CAMO-11-24542

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S2	1185	05/31/12	WG	Oxidation-Reduction Potential	128.8	mV	CAMO-12-14015
R-50 S2	1185	03/07/12	WG	Oxidation-Reduction Potential	82.7	mV	CAMO-12-12022
R-50 S2	1185	11/28/11	WG	Oxidation-Reduction Potential	133.9	mV	CAMO-12-1809
R-50 S2	1185	11/21/11	WG	Oxidation-Reduction Potential	178.2	mV	CAMO-12-1509
R-50 S2	1185	08/08/11	WG	Oxidation-Reduction Potential	91.6	mV	CAMO-11-24538
R-50 S2	1185	08/08/11	WG	Oxidation-Reduction Potential	133.5	mV	CAMO-11-24679
R-50 S2	1185	08/08/11	WG	Oxidation-Reduction Potential	119.6	mV	CAMO-11-24540
R-50 S2	1185	08/08/11	WG	Oxidation-Reduction Potential	133.5	mV	CAMO-11-24542
R-50 S2	1185	05/31/12	WG	pH	8.06	SU	CAMO-12-14015
R-50 S2	1185	03/07/12	WG	pH	8.24	SU	CAMO-12-12022
R-50 S2	1185	11/28/11	WG	pH	8.19	SU	CAMO-12-1809
R-50 S2	1185	11/21/11	WG	pH	7.91	SU	CAMO-12-1509
R-50 S2	1185	08/08/11	WG	pH	8.14	SU	CAMO-11-24538
R-50 S2	1185	08/08/11	WG	pH	8.15	SU	CAMO-11-24679
R-50 S2	1185	08/08/11	WG	pH	8.17	SU	CAMO-11-24540
R-50 S2	1185	08/08/11	WG	pH	8.15	SU	CAMO-11-24542
R-50 S2	1185	05/31/12	WG	Specific Conductance	133	µS/cm	CAMO-12-14015
R-50 S2	1185	03/07/12	WG	Specific Conductance	127	µS/cm	CAMO-12-12022
R-50 S2	1185	11/28/11	WG	Specific Conductance	115	µS/cm	CAMO-12-1809
R-50 S2	1185	11/21/11	WG	Specific Conductance	166	µS/cm	CAMO-12-1509
R-50 S2	1185	08/08/11	WG	Specific Conductance	129	µS/cm	CAMO-11-24538
R-50 S2	1185	08/08/11	WG	Specific Conductance	132	µS/cm	CAMO-11-24679
R-50 S2	1185	08/08/11	WG	Specific Conductance	136	µS/cm	CAMO-11-24540
R-50 S2	1185	08/08/11	WG	Specific Conductance	132	µS/cm	CAMO-11-24542
R-50 S2	1185	05/31/12	WG	Temperature	21.56	deg C	CAMO-12-14015
R-50 S2	1185	03/07/12	WG	Temperature	20.79	deg C	CAMO-12-12022
R-50 S2	1185	11/28/11	WG	Temperature	20.86	deg C	CAMO-12-1809
R-50 S2	1185	11/21/11	WG	Temperature	20.75	deg C	CAMO-12-1509

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S2	1185	08/08/11	WG	Temperature	21.46	deg C	CAMO-11-24538
R-50 S2	1185	08/08/11	WG	Temperature	21.96	deg C	CAMO-11-24679
R-50 S2	1185	08/08/11	WG	Temperature	21.73	deg C	CAMO-11-24540
R-50 S2	1185	08/08/11	WG	Temperature	21.96	deg C	CAMO-11-24542
R-50 S2	1185	05/31/12	WG	Turbidity	1.93	NTU	CAMO-12-14015
R-50 S2	1185	03/07/12	WG	Turbidity	0.64	NTU	CAMO-12-12022
R-50 S2	1185	11/28/11	WG	Turbidity	0.81	NTU	CAMO-12-1809
R-50 S2	1185	11/21/11	WG	Turbidity	0.86	NTU	CAMO-12-1509
R-50 S2	1185	08/08/11	WG	Turbidity	0.96	NTU	CAMO-11-24538
R-50 S2	1185	08/08/11	WG	Turbidity	0.95	NTU	CAMO-11-24679
R-50 S2	1185	08/08/11	WG	Turbidity	0.45	NTU	CAMO-11-24540
R-50 S2	1185	08/08/11	WG	Turbidity	0.95	NTU	CAMO-11-24542
R-62	1158.4	06/06/12	WG	Dissolved Oxygen	5.34	mg/L	CAMO-12-14018
R-62	1158.4	03/26/12	WG	Dissolved Oxygen	6.22	mg/L	CAMO-12-12025
R-62	1158.4	06/06/12	WG	Oxidation-Reduction Potential	208	mV	CAMO-12-14018
R-62	1158.4	03/26/12	WG	Oxidation-Reduction Potential	120.2	mV	CAMO-12-12025
R-62	1158.4	06/06/12	WG	pH	8.72	SU	CAMO-12-14018
R-62	1158.4	03/26/12	WG	pH	8.62	SU	CAMO-12-12025
R-62	1158.4	06/06/12	WG	Specific Conductance	172	µS/cm	CAMO-12-14018
R-62	1158.4	03/26/12	WG	Specific Conductance	188	µS/cm	CAMO-12-12025
R-62	1158.4	06/06/12	WG	Temperature	22.32	deg C	CAMO-12-14018
R-62	1158.4	03/26/12	WG	Temperature	19.6	deg C	CAMO-12-12025
R-62	1158.4	06/06/12	WG	Turbidity	2.51	NTU	CAMO-12-14018
R-62	1158.4	03/26/12	WG	Turbidity	6.15	NTU	CAMO-12-12025
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
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
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	05/24/11	WG	Dissolved Oxygen	8.78	mg/L	CASA-11-10805
SCI-1	358.4	05/24/11	WG	Dissolved Oxygen	8.93	mg/L	CASA-11-11651
SCI-1	358.4	02/18/11	WG	Dissolved Oxygen	8.75	mg/L	CASA-11-4553
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	05/24/11	WG	Oxidation-Reduction Potential	225	mV	CASA-11-10805
SCI-1	358.4	05/24/11	WG	Oxidation-Reduction Potential	227.5	mV	CASA-11-11651
SCI-1	358.4	02/18/11	WG	Oxidation-Reduction Potential	189.2	mV	CASA-11-4553
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	05/24/11	WG	pH	7.1	SU	CASA-11-10805
SCI-1	358.4	05/24/11	WG	pH	7.14	SU	CASA-11-11651
SCI-1	358.4	02/18/11	WG	pH	7.18	SU	CASA-11-4553
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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-1	358.4	11/16/11	WG	Specific Conductance	712	µS/cm	CASA-12-1373
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	05/24/11	WG	Specific Conductance	705	µS/cm	CASA-11-10805
SCI-1	358.4	05/24/11	WG	Specific Conductance	716	µS/cm	CASA-11-11651
SCI-1	358.4	02/18/11	WG	Specific Conductance	733	µS/cm	CASA-11-4553
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	05/24/11	WG	Temperature	10.23	deg C	CASA-11-10805
SCI-1	358.4	05/24/11	WG	Temperature	10.18	deg C	CASA-11-11651
SCI-1	358.4	02/18/11	WG	Temperature	10.5	deg C	CASA-11-4553
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-1	358.4	05/24/11	WG	Turbidity	18.1	NTU	CASA-11-10805
SCI-1	358.4	05/24/11	WG	Turbidity	18.9	NTU	CASA-11-11651
SCI-1	358.4	02/18/11	WG	Turbidity	2	NTU	CASA-11-4553

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-2	548	05/23/12	WG	Dissolved Oxygen	8.62	mg/L	CASA-12-14061
SCI-2	548	03/05/12	WG	Dissolved Oxygen	9.43	mg/L	CASA-12-11712
SCI-2	548	08/11/11	WG	Dissolved Oxygen	9.79	mg/L	CASA-11-24765
SCI-2	548	08/09/11	WG	Dissolved Oxygen	9.6	mg/L	CASA-11-24849
SCI-2	548	08/09/11	WG	Dissolved Oxygen	8.93	mg/L	CASA-11-24845
SCI-2	548	08/09/11	WG	Dissolved Oxygen	9.43	mg/L	CASA-11-24847
SCI-2	548	06/02/11	WG	Dissolved Oxygen	9.49	mg/L	CASA-11-11659
SCI-2	548	06/02/11	WG	Dissolved Oxygen	9.06	mg/L	CASA-11-11662
SCI-2	548	06/02/11	WG	Dissolved Oxygen	8.93	mg/L	CASA-11-10807
SCI-2	548	06/02/11	WG	Dissolved Oxygen	9.09	mg/L	CASA-11-11657
SCI-2	548	05/23/12	WG	Oxidation-Reduction Potential	229	mV	CASA-12-14061
SCI-2	548	03/05/12	WG	Oxidation-Reduction Potential	21.5	mV	CASA-12-11712
SCI-2	548	08/11/11	WG	Oxidation-Reduction Potential	90.4	mV	CASA-11-24765
SCI-2	548	08/09/11	WG	Oxidation-Reduction Potential	90.4	mV	CASA-11-24849
SCI-2	548	08/09/11	WG	Oxidation-Reduction Potential	78.4	mV	CASA-11-24845
SCI-2	548	08/09/11	WG	Oxidation-Reduction Potential	91.6	mV	CASA-11-24847
SCI-2	548	06/02/11	WG	Oxidation-Reduction Potential	256.7	mV	CASA-11-11659
SCI-2	548	06/02/11	WG	Oxidation-Reduction Potential	262.7	mV	CASA-11-11662
SCI-2	548	06/02/11	WG	Oxidation-Reduction Potential	263.7	mV	CASA-11-10807
SCI-2	548	06/02/11	WG	Oxidation-Reduction Potential	250.7	mV	CASA-11-11657
SCI-2	548	05/23/12	WG	pH	7.45	SU	CASA-12-14061
SCI-2	548	03/05/12	WG	pH	7.5	SU	CASA-12-11712
SCI-2	548	08/11/11	WG	pH	7.49	SU	CASA-11-24765
SCI-2	548	08/09/11	WG	pH	7.5	SU	CASA-11-24849
SCI-2	548	08/09/11	WG	pH	7.45	SU	CASA-11-24845
SCI-2	548	08/09/11	WG	pH	7.48	SU	CASA-11-24847
SCI-2	548	06/02/11	WG	pH	7.42	SU	CASA-11-11659
SCI-2	548	06/02/11	WG	pH	7.45	SU	CASA-11-11662

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-2	548	06/02/11	WG	pH	7.45	SU	CASA-11-10807
SCI-2	548	06/02/11	WG	pH	7.39	SU	CASA-11-11657
SCI-2	548	05/23/12	WG	Specific Conductance	564	µS/cm	CASA-12-14061
SCI-2	548	03/05/12	WG	Specific Conductance	609	µS/cm	CASA-12-11712
SCI-2	548	08/11/11	WG	Specific Conductance	590	µS/cm	CASA-11-24765
SCI-2	548	08/09/11	WG	Specific Conductance	592	µS/cm	CASA-11-24849
SCI-2	548	08/09/11	WG	Specific Conductance	590	µS/cm	CASA-11-24845
SCI-2	548	08/09/11	WG	Specific Conductance	565	µS/cm	CASA-11-24847
SCI-2	548	06/02/11	WG	Specific Conductance	594	µS/cm	CASA-11-11659
SCI-2	548	06/02/11	WG	Specific Conductance	573	µS/cm	CASA-11-11662
SCI-2	548	06/02/11	WG	Specific Conductance	570	µS/cm	CASA-11-10807
SCI-2	548	06/02/11	WG	Specific Conductance	597	µS/cm	CASA-11-11657
SCI-2	548	05/23/12	WG	Temperature	17.02	deg C	CASA-12-14061
SCI-2	548	03/05/12	WG	Temperature	14.1	deg C	CASA-12-11712
SCI-2	548	08/11/11	WG	Temperature	14.52	deg C	CASA-11-24765
SCI-2	548	08/09/11	WG	Temperature	14.55	deg C	CASA-11-24849
SCI-2	548	08/09/11	WG	Temperature	14.51	deg C	CASA-11-24845
SCI-2	548	08/09/11	WG	Temperature	14.53	deg C	CASA-11-24847
SCI-2	548	06/02/11	WG	Temperature	15.15	deg C	CASA-11-11659
SCI-2	548	06/02/11	WG	Temperature	14.8	deg C	CASA-11-11662
SCI-2	548	06/02/11	WG	Temperature	14.81	deg C	CASA-11-10807
SCI-2	548	06/02/11	WG	Temperature	14.78	deg C	CASA-11-11657
SCI-2	548	05/23/12	WG	Turbidity	3.51	NTU	CASA-12-14061
SCI-2	548	03/05/12	WG	Turbidity	0.73	NTU	CASA-12-11712
SCI-2	548	08/11/11	WG	Turbidity	1.29	NTU	CASA-11-24765
SCI-2	548	08/09/11	WG	Turbidity	1.29	NTU	CASA-11-24849
SCI-2	548	08/09/11	WG	Turbidity	4.5	NTU	CASA-11-24845
SCI-2	548	08/09/11	WG	Turbidity	3.5	NTU	CASA-11-24847

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-2	548	06/02/11	WG	Turbidity	2.84	NTU	CASA-11-11659
SCI-2	548	06/02/11	WG	Turbidity	1.07	NTU	CASA-11-11662
SCI-2	548	06/02/11	WG	Turbidity	1.18	NTU	CASA-11-10807
SCI-2	548	06/02/11	WG	Turbidity	4.45	NTU	CASA-11-11657

[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.

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	J-	11-3146	CAMO-11-24628	GELC
MCOI-5	689.04	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	J-	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.1	—	—	0.73	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	14	—	—	1	µg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	14	—	—	1	µg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.2	—	—	15	µg/L	Y	J	J	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.132	—	—	0.066	mg/L	Y	J	J	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.134	—	—	0.066	mg/L	Y	J	J-	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	N	J-	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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
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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.79	—	—	0.066	mg/L	Y	—	J+	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.64	—	—	0.066	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.03	—	—	2	µg/L	Y	J	J	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.32	—	—	2	µg/L	Y	J	J	11-1478	CAMO-11-4591	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	11/15/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	9.09	—	—	2	µg/L	Y	J	J	11-531	CAMO-11-1253	GELC
MCOI-5	689.04	05/03/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	8.74	—	—	2.1	µg/L	Y	J	J	10-3006	CAMO-10-16735	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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.224	—	—	0.033	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.231	—	—	0.033	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/26/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.3	—	—	0.45	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.2	—	—	0.45	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.54	—	—	0.11	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.29	—	—	0.11	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.17	µg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.17	µg/L	Y	—	J	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.701	—	—	0.5	µg/L	Y	J	J	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.999	—	—	0.5	µg/L	Y	J	U	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4	—	—	0.1	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.89	—	—	0.1	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	87.9	—	—	5	µg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	84.9	—	—	5	µg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	N	0.365	—	—	0.05	mg/L	Y	—	U	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.603	—	—	0.05	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186	—	—	1	µS/cm	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	11-1478	CAMO-11-4591	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	80.5	—	—	1	µg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	80.2	—	—	1	µg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13	—	—	0.1	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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
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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	2.4	mg/L	Y	—	NQ	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	2.4	mg/L	Y	—	NQ	11-1478	CAMO-11-4591	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	05/26/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.116	—	—	0.035	mg/L	Y	—	U	11-2561	CAMO-11-10699	GELC
MCOI-5	689.04	02/28/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.2	—	—	0.066	mg/L	Y	U	U	11-1478	CAMO-11-4590	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	05/26/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.858	—	—	0.33	mg/L	Y	J	J	11-2561	CAMO-11-10699	GELC
MCOI-5	689.04	02/28/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.675	—	—	0.33	mg/L	Y	J	J	11-1478	CAMO-11-4590	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	05/26/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0959	—	—	0.015	mg/L	Y	—	U	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.078	—	—	0.015	mg/L	Y	—	U	11-1478	CAMO-11-4591	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	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.092	—	—	0.067	µg/L	Y	J	J	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.101	—	—	0.067	µg/L	Y	J	J	11-1478	CAMO-11-4591	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-5	689.04	05/26/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	2.18	—	—	1	µg/L	Y	J	J	11-2561	CAMO-11-10698	GELC
MCOI-5	689.04	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.7	—	—	1	µg/L	Y	J	J	11-1478	CAMO-11-4591	GELC
MCOI-6	686	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.26	—	—	0.01	SU	Y	H	NQ	12-1339	CAMO-12-14021	GELC
MCOI-6	686	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	J-	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.27	—	—	0.01	SU	Y	H	J-	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	J-	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	100	—	—	0.725	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	0.73	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	0.73	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.1	—	—	0.73	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	06/04/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0193	—	—	0.017	mg/L	Y	J	J	12-1339	CAMO-12-14021	GELC
MCOI-6	686	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0234	—	—	0.016	mg/L	Y	J	U	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	UJ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0267	—	—	0.016	mg/L	Y	J	J	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	45.4	—	—	1	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	48.2	—	—	1	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	46	—	—	1	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	45.8	—	—	1	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	46.6	—	—	1	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.6	—	—	15	µg/L	Y	J	J	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	49.6	—	—	15	µg/L	Y	J	J	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	51.3	—	—	15	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.8	—	—	15	µg/L	Y	J	J	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.7	—	—	15	µg/L	Y	J	J	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.692	—	—	0.067	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.669	—	—	0.066	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.658	—	—	0.066	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.633	—	—	0.066	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.674	—	—	0.066	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	69.8	—	—	0.05	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.6	—	—	0.05	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	74.7	—	—	0.05	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.5	—	—	0.05	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	73	—	—	0.05	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.3	—	—	0.335	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	64.6	—	—	0.33	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	64.8	—	—	0.33	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.1	—	—	0.33	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.9	—	—	0.33	mg/L	Y	—	J+	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	59.6	—	—	2	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	61.8	—	—	2	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	60.9	—	—	2	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	55.1	—	—	2	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	54.2	—	—	2	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	9.42	—	—	3	µg/L	Y	J	J	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	13.2	—	—	3	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Copper	Cu	Y	13	—	—	3	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	13.4	—	—	3	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	16.2	—	—	3	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	11/09/11	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	11/10/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	13.6	—	—	2	µg/L	Y	—	NQ	11-471	CAMO-11-1258	GELC
MCOI-6	686	11/10/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	11.5	—	—	2.2	µg/L	Y	—	NQ	11-471	CAMO-11-1256	GELC
MCOI-6	686	05/11/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	15.6	—	—	2	µg/L	Y	—	J	10-3131	CAMO-10-16737	GELC
MCOI-6	686	05/11/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	N	13.7	—	—	2.1	µg/L	Y	—	UJ	10-3131	CAMO-10-16981	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.548	—	—	0.033	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.539	—	—	0.033	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.547	—	—	0.033	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.528	—	—	0.033	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	—	0.033	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	233	—	—	0.453	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	235	—	—	0.45	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	248	—	—	0.45	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	233	—	—	0.45	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	242	—	—	0.45	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.2	—	—	0.11	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15	—	—	0.11	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.2	—	—	0.11	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	13.9	—	—	0.11	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.6	—	—	0.11	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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
MCOI-6	686	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.48	—	—	2	µg/L	Y	J	J	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.06	—	—	2	µg/L	Y	J	J	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.07	—	—	2	µg/L	Y	J	J	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.64	—	—	2	µg/L	Y	J	J	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.81	—	—	2	µg/L	Y	J	J	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.32	—	—	0.165	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.17	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.17	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.17	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.17	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	34.3	—	—	0.5	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	39.9	—	—	0.5	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	38.3	—	—	0.5	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	29.2	—	—	0.5	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	32.5	—	—	0.5	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.07	—	—	0.1	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.76	—	—	0.1	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.93	—	—	0.1	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.4	—	—	0.1	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.67	—	—	0.1	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	64.3	—	—	5	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	11/09/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	63.1	—	—	5	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	63.1	—	—	5	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	71.2	—	—	5	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	72.2	—	—	5	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.99	—	—	0.05	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.891	—	—	0.05	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	J	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71	—	—	0.053	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.1	—	—	0.27	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.1	—	—	0.1	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	28.3	—	—	0.1	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.8	—	—	0.1	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	25.9	—	—	0.1	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.6	—	—	0.1	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	594	—	—	1	µS/cm	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	611	—	—	1	µS/cm	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	608	—	—	1	µS/cm	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	609	—	—	1	µS/cm	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	611	—	—	1	µS/cm	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	321	—	—	1	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	322	—	—	1	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	339	—	—	1	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	310	—	—	1	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	318	—	—	1	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	65.1	—	—	0.665	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	66.1	—	—	0.5	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	66.4	—	—	0.5	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	77.6	—	—	0.1	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	70.2	—	—	0.5	mg/L	Y	—	J+	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	413	—	—	3.4	mg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	401	—	—	3.4	mg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	417	—	—	3.4	mg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	423	—	—	3.4	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	410	—	—	2.4	mg/L	Y	—	NQ	11-2587	CAMO-11-10701	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	03/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0853	—	—	0.035	mg/L	Y	J	J-	12-1052	CAMO-12-12017	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-312	CAMO-12-1471	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-312	CAMO-12-1468	GELC
MCOI-6	686	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	11-3152	CAMO-11-24630	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/31/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.135	—	—	0.035	mg/L	Y	—	NQ	11-2587	CAMO-11-10700	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	03/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.23	—	—	0.33	mg/L	Y	—	J-	12-1052	CAMO-12-12017	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.21	—	—	0.33	mg/L	Y	—	NQ	12-312	CAMO-12-1468	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.21	—	—	0.33	mg/L	Y	—	NQ	12-312	CAMO-12-1471	GELC
MCOI-6	686	08/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.978	—	—	0.33	mg/L	Y	J	J	11-3152	CAMO-11-24630	GELC
MCOI-6	686	05/31/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.44	—	—	0.33	mg/L	Y	—	NQ	11-2587	CAMO-11-10700	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0696	—	—	0.015	mg/L	Y	—	J-	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0398	—	—	0.015	mg/L	Y	J	J	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0409	—	—	0.015	mg/L	Y	J	J	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.139	—	—	0.015	mg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0888	—	—	0.015	mg/L	Y	—	U	11-2587	CAMO-11-10701	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.46	—	—	0.067	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.39	—	—	0.067	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.4	—	—	0.067	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.15	—	—	0.067	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.34	—	—	0.067	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	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
MCOI-6	686	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	27.9	—	—	3.3	µg/L	Y	—	NQ	12-1052	CAMO-12-12026	GELC
MCOI-6	686	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	39.2	—	—	3.3	µg/L	Y	—	NQ	12-312	CAMO-12-1467	GELC
MCOI-6	686	11/09/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	39.3	—	—	3.3	µg/L	Y	—	NQ	12-312	CAMO-12-1472	GELC
MCOI-6	686	08/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	27.5	—	—	3.3	µg/L	Y	—	NQ	11-3152	CAMO-11-24631	GELC
MCOI-6	686	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	35.1	—	—	3.3	µg/L	Y	—	NQ	11-2587	CAMO-11-10701	GELC
R-11	855	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	12-1311	CASA-12-14062	GELC
R-11	855	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	J-	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	J-	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	—	0.725	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	—	0.73	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	—	0.73	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.6	—	—	0.73	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36	—	—	1	µg/L	Y	—	J	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	28.4	—	—	15	µg/L	Y	J	J	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.5	—	—	15	µg/L	Y	J	J	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	32.6	—	—	15	µg/L	Y	J	J	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.8	—	—	0.05	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.63	—	—	0.067	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.62	—	—	0.066	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.05	—	—	0.066	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.36	—	—	0.066	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.4	—	—	2	µg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	19.1	—	—	2	µg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.2	—	—	2	µg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.2	—	—	2	µg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.53	—	—	0.033	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.359	—	—	0.033	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.41	—	—	0.033	mg/L	Y	—	NQ	11-2498	CASA-11-10810	GELC
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	03/07/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.5	—	—	0.453	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.8	—	—	0.45	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.9	—	—	0.45	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83	—	—	0.45	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.07	—	—	0.11	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.34	—	—	0.11	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.1	—	—	0.11	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.21	—	—	0.11	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.165	µg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.17	µg/L	Y	—	J	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.57	—	—	0.17	µg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.49	—	—	0.17	µg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.68	—	—	0.5	µg/L	Y	J	J	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.692	—	—	0.5	µg/L	Y	J	J	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.78	—	—	0.5	µg/L	Y	J	J	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.25	—	—	0.05	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.15	—	—	0.1	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.95	—	—	0.05	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.843	—	—	0.05	µg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.862	—	—	0.05	µg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.835	—	—	0.05	µg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	J	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	J	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.6	—	—	1.5	µg/L	Y	J	J	12-1058	CASA-12-11713	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	UJ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.27	—	—	1.5	µg/L	Y	J	J	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	1	µS/cm	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	1	µS/cm	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	90.1	—	—	1	µg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	71.7	—	—	1	µg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	89.7	—	—	1	µg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	87.6	—	—	1	µg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.1	—	—	0.133	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.71	—	—	0.1	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.45	—	—	0.1	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.1	mg/L	Y	—	J+	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	2.4	mg/L	Y	—	NQ	11-2498	CASA-11-10810	GELC
R-11	855	05/21/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.092	—	—	0.035	mg/L	Y	J	J	12-1311	CASA-12-14057	GELC
R-11	855	03/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1058	CASA-12-11709	GELC
R-11	855	11/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-365	CASA-12-1379	GELC
R-11	855	08/12/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	U	11-3193	CASA-11-24778	GELC
R-11	855	05/23/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.18	mg/L	Y	U	UJ	11-2498	CASA-11-10811	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	UJ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0394	—	—	0.015	mg/L	Y	J	J	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0836	—	—	0.015	mg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	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	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.678	—	—	0.067	µg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.748	—	—	0.067	µg/L	Y	—	NQ	12-366	CASA-12-1380	GELC
R-11	855	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.623	—	—	0.067	µg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.761	—	—	0.067	µg/L	Y	—	NQ	11-2498	CASA-11-10810	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.84	—	—	1	µg/L	Y	—	NQ	12-1058	CASA-12-11713	GELC
R-11	855	11/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.8	—	—	1	µg/L	Y	—	J	12-366	CASA-12-1380	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.79	—	—	1	µg/L	Y	—	NQ	11-3193	CASA-11-24779	GELC
R-11	855	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.82	—	—	1	µg/L	Y	—	NQ	11-2498	CASA-11-10810	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	7.28	—	—	0.01	SU	Y	H	J-	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	J-	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	J-	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	0.73	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	0.73	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.4	—	—	1	µg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	11-1406	CAMO-11-4594	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15	—	—	15	µg/L	Y	J	J	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.2	—	—	15	µg/L	Y	J	J	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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
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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.066	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.066	mg/L	Y	—	J	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.62	—	—	2	µg/L	Y	J	J	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.33	—	—	2	µg/L	Y	J	J	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.252	—	—	0.033	mg/L	Y	—	J-	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51	—	—	0.45	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48	—	—	0.45	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.59	—	—	0.11	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.17	µg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.17	µg/L	Y	—	NQ	11-1406	CAMO-11-4594	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.558	—	—	0.5	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	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.809	—	—	0.5	µg/L	Y	J	J	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.896	—	—	0.5	µg/L	Y	J	J	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.05	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.813	—	—	0.1	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	GELC
R-13	958.33	06/05/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.419	—	—	0.05	µg/L	Y	—	NQ	12-1344	CAMO-12-17131	GELC
R-13	958.33	11/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	12-421	CAMO-12-1482	GELC
R-13	958.33	08/01/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.404	—	—	0.05	µg/L	Y	—	NQ	11-2987	CAMO-11-24634	GELC
R-13	958.33	05/25/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	—	0.05	µg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.416	—	—	0.05	µg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.9	—	—	0.1	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51.5	—	—	1	µg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.93	—	—	0.1	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.11	—	—	0.1	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	2.4	mg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	2.4	mg/L	Y	—	NQ	11-1406	CAMO-11-4594	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	05/25/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.481	—	—	0.33	mg/L	Y	J	U	11-2553	CAMO-11-10703	GELC
R-13	958.33	02/18/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.681	—	—	0.33	mg/L	Y	J	J	11-1406	CAMO-11-4595	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	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.113	—	—	0.015	mg/L	Y	—	U	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.015	mg/L	Y	J	U	11-1406	CAMO-11-4594	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	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.398	—	—	0.067	µg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.405	—	—	0.067	µg/L	Y	—	NQ	11-1406	CAMO-11-4594	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-13	958.33	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.29	—	—	1	µg/L	Y	—	NQ	11-2553	CAMO-11-10702	GELC
R-13	958.33	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.14	—	—	1	µg/L	Y	—	NQ	11-1406	CAMO-11-4594	GELC
R-15	958.6	05/29/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	J-	11-3208	CAMO-11-24635	GELC
R-15	958.6	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	J-	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	J-	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.73	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	0.73	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.1	—	—	1	µg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.5	—	—	1	µg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.35	—	—	0.066	mg/L	Y	—	J+	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.47	—	—	0.066	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	11.6	—	—	2	µg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.5	—	—	2	µg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52	—	—	0.45	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.5	—	—	0.45	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.71	—	—	0.11	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.885	—	—	0.17	µg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.978	—	—	0.17	µg/L	Y	—	U	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.848	—	—	0.5	µg/L	Y	J	J	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1	—	—	0.5	µg/L	Y	J	U	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.77	—	—	0.05	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.91	—	—	0.1	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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
R-15	958.6	05/31/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.76	—	—	0.5	µg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.51	—	—	0.5	µg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.04	—	—	0.05	mg/L	Y	—	J	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.6	—	—	1	µg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.7	—	—	1	µg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.64	—	—	0.1	mg/L	Y	—	J+	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.04	—	—	0.1	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	2.4	mg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	158	—	—	2.4	mg/L	Y	—	NQ	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0635	—	—	0.015	mg/L	Y	—	U	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.057	—	—	0.015	mg/L	Y	—	U	11-1482	CAMO-11-4596	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.38	—	—	0.067	µg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.381	—	—	0.067	µg/L	Y	—	NQ	11-1482	CAMO-11-4596	GELC
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-15	958.6	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.17	—	—	1	µg/L	Y	—	NQ	11-2587	CAMO-11-10714	GELC
R-15	958.6	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.11	—	—	1	µg/L	Y	—	NQ	11-1482	CAMO-11-4596	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80	—	—	0.725	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.2	—	—	0.73	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	—	0.73	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.2	—	—	0.73	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.35	—	—	1.7	µg/L	Y	J	J	12-1321	CAMO-12-14023	GELC
R-28	934.3	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	25	—	—	8.5	µg/L	Y	U	U	12-341	CAMO-12-1487	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.2	—	—	1	µg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	71.1	—	—	1	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	73.7	—	—	1	µg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	66.6	—	—	1	µg/L	Y	—	NQ	11-2597	CAMO-11-10704	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Beryllium	Be	Y	1.05	—	—	1	µg/L	Y	J	J	12-1321	CAMO-12-14023	GELC
R-28	934.3	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Beryllium	Be	N	5	—	—	1	µg/L	Y	U	U	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Beryllium	Be	N	5	—	—	1	µg/L	Y	U	U	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Beryllium	Be	N	5	—	—	1	µg/L	Y	U	U	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Beryllium	Be	N	5	—	—	1	µg/L	Y	U	U	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.6	—	—	15	µg/L	Y	J	J	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.5	—	—	15	µg/L	Y	J	J	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	27.8	—	—	15	µg/L	Y	J	J	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.33	—	—	0.067	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.259	—	—	0.066	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.217	—	—	0.066	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.242	—	—	0.066	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	46.3	—	—	0.05	mg/L	Y	—	J+	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	47.4	—	—	0.05	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	48.1	—	—	0.05	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	45.3	—	—	0.05	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	28.7	—	—	0.335	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	35.3	—	—	0.33	mg/L	Y	—	J+	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	33.8	—	—	0.33	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	34.3	—	—	0.33	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	336	—	—	2	µg/L	Y	E	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	455	—	—	10	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	428	—	—	2	µg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	344	—	—	2	µg/L	Y	—	NQ	11-2597	CAMO-11-10704	GELC
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	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.287	—	—	0.033	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	—	0.033	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.297	—	—	0.033	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	164	—	—	0.453	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	167	—	—	0.45	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	170	—	—	0.45	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	159	—	—	0.45	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.8	—	—	0.11	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.8	—	—	0.11	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	12.1	—	—	0.11	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.2	—	—	0.11	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	GELC
R-28	934.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.65	—	—	2	µg/L	Y	J	J	12-1321	CAMO-12-14023	GELC
R-28	934.3	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.69	—	—	2	µg/L	Y	J	J	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.734	—	—	0.17	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.856	—	—	0.17	µg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.771	—	—	0.17	µg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	14.6	—	—	0.5	µg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	22.3	—	—	2.5	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	19.5	—	—	0.5	µg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.9	—	—	0.5	µg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.37	—	—	0.1	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.83	—	—	0.1	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.89	—	—	0.05	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.82	—	—	0.05	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.01	—	—	0.1	µg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.05	—	—	0.1	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.04	—	—	0.1	µg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.996	—	—	0.05	µg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	J+	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.3	—	—	0.053	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.2	—	—	0.053	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	442	—	—	1	µS/cm	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	407	—	—	1	µS/cm	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	394	—	—	1	µS/cm	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	404	—	—	1	µS/cm	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	179	—	—	1	µg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	185	—	—	1	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	180	—	—	1	µg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	166	—	—	1	µg/L	Y	—	NQ	11-2597	CAMO-11-10704	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	Sulfate	SO4(-2)	Y	47.9	—	—	0.665	mg/L	Y	—	NQ	12-1321	CAMO-12-14023	GELC
R-28	934.3	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	39.6	—	—	0.665	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	49.8	—	—	0.5	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.3	—	—	0.5	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	50.7	—	—	0.5	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	396	—	—	3.4	mg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	326	—	—	3.4	mg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	291	—	—	3.4	mg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	293	—	—	2.4	mg/L	Y	—	NQ	11-2597	CAMO-11-10704	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	03/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.158	—	—	0.035	mg/L	Y	—	NQ	12-1091	CAMO-12-12018	GELC
R-28	934.3	11/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-341	CAMO-12-1486	GELC
R-28	934.3	08/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	11-3009	CAMO-11-24637	GELC
R-28	934.3	06/01/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.035	mg/L	Y	—	NQ	11-2597	CAMO-11-10705	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	03/13/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.45	—	—	0.33	mg/L	Y	—	NQ	12-1091	CAMO-12-12018	GELC
R-28	934.3	11/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.743	—	—	0.33	mg/L	Y	J	J	12-341	CAMO-12-1486	GELC
R-28	934.3	08/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.542	—	—	0.33	mg/L	Y	J	J	11-3009	CAMO-11-24637	GELC
R-28	934.3	06/01/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.705	—	—	0.33	mg/L	Y	J	J	11-2597	CAMO-11-10705	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.9	—	—	0.067	µg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.27	—	—	0.067	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.16	—	—	0.067	µg/L	Y	—	NQ	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.36	—	—	0.067	µg/L	Y	—	J	11-2597	CAMO-11-10704	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	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.56	—	—	1	µg/L	Y	J	J	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.28	—	—	1	µg/L	Y	—	NQ	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.91	—	—	1	µg/L	Y	J	J	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.5	—	—	1	µg/L	Y	—	NQ	11-2597	CAMO-11-10704	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-28	934.3	03/13/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	29.4	—	—	3.3	µg/L	Y	—	NQ	12-1091	CAMO-12-12027	GELC
R-28	934.3	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-341	CAMO-12-1487	GELC
R-28	934.3	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.3	—	—	3.3	µg/L	Y	J	J	11-3009	CAMO-11-24638	GELC
R-28	934.3	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.86	—	—	3.3	µg/L	Y	J	J	11-2597	CAMO-11-10704	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	J-	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	J-	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	J-	11-1439	CASA-11-4562	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
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	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	0.73	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	100	—	—	0.73	mg/L	Y	—	NQ	11-1439	CASA-11-4562	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.12	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	UJ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	7.21	—	—	1.7	µg/L	Y	—	U	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-1439	CASA-11-4562	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	352	—	—	1	µg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	347	—	—	1	µg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	43.6	—	—	15	µg/L	Y	J	J	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	38.2	—	—	15	µg/L	Y	J	J	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.51	—	—	0.066	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.58	—	—	0.066	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.02	—	—	2	µg/L	Y	J	J	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.39	—	—	2	µg/L	Y	J	J	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.333	—	—	0.033	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.322	—	—	0.033	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.3	—	—	0.45	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.8	—	—	0.45	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.94	—	—	0.11	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.82	—	—	0.11	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.17	µg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.32	—	—	0.17	µg/L	Y	—	J	11-1439	CASA-11-4562	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
R-35a	1013.1	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	13.2	—	—	0.5	µg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	19.6	—	—	0.5	µg/L	Y	—	NQ	11-1439	CASA-11-4562	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.605	—	—	0.05	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.457	—	—	0.1	mg/L	Y	J	J	11-1439	CASA-11-4562	GELC
R-35a	1013.1	06/05/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	—	0.05	µg/L	Y	—	NQ	12-1345	CASA-12-17136	GELC
R-35a	1013.1	11/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.406	—	—	0.05	µg/L	Y	—	NQ	12-374	CASA-12-1384	GELC
R-35a	1013.1	08/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.443	—	—	0.05	µg/L	Y	—	NQ	11-3246	CASA-11-24780	GELC
R-35a	1013.1	05/23/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.05	µg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.444	—	—	0.05	µg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.09	—	—	0.05	mg/L	Y	—	J	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.07	—	—	0.05	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	81.1	—	—	0.053	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	81.9	—	—	0.053	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231	—	—	1	µS/cm	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	175	—	—	1	µg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.82	—	—	0.1	mg/L	Y	—	J+	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.75	—	—	0.1	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	2.4	mg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	2.4	mg/L	Y	—	NQ	11-1439	CASA-11-4562	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	05/23/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.358	—	—	0.33	mg/L	Y	J	J	11-2498	CASA-11-10813	GELC
R-35a	1013.1	02/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.82	—	—	0.33	mg/L	Y	J	J	11-1439	CASA-11-4561	GELC
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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.697	—	—	0.067	µg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.693	—	—	0.067	µg/L	Y	—	NQ	11-1439	CASA-11-4562	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-35a	1013.1	05/23/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	18.7	—	—	1	µg/L	Y	—	NQ	11-2498	CASA-11-10812	GELC
R-35a	1013.1	02/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	15.3	—	—	1	µg/L	Y	—	NQ	11-1439	CASA-11-4562	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	J-	11-3193	CASA-11-24782	GELC
R-35b	825.4	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	J-	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.6	—	—	0.73	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	0.73	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.29	—	—	1.7	µg/L	Y	J	J	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.4	—	—	1	µg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	34.9	—	—	1	µg/L	Y	—	NQ	11-1480	CASA-11-4564	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.5	—	—	15	µg/L	Y	J	J	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.7	—	—	15	µg/L	Y	J	J	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	11-3193	CASA-11-24782	GELC
R-35b	825.4	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.5	—	—	15	µg/L	Y	J	J	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	24.3	—	—	15	µg/L	Y	J	J	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.066	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.88	—	—	0.066	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.67	—	—	2	µg/L	Y	J	J	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.1	—	—	2	µg/L	Y	J	J	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.5	—	—	0.033	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.497	—	—	0.033	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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
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	06/01/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.45	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.2	—	—	0.45	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.15	—	—	0.11	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.55	—	—	0.11	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.17	µg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.17	µg/L	Y	—	J	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.965	—	—	0.5	µg/L	Y	J	J	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	1.39	—	—	0.5	µg/L	Y	J	U	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.05	mg/L	Y	—	NQ	11-1480	CASA-11-4564	GELC
R-35b	825.4	06/06/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.622	—	—	0.05	µg/L	Y	—	NQ	12-1347	CASA-12-17137	GELC
R-35b	825.4	11/09/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.581	—	—	0.05	µg/L	Y	—	NQ	12-317	CASA-12-1386	GELC
R-35b	825.4	08/12/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.545	—	—	0.05	µg/L	Y	—	NQ	11-3193	CASA-11-24782	GELC
R-35b	825.4	06/01/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.616	—	—	0.05	µg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.598	—	—	0.05	µg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.09	—	—	0.05	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.2	—	—	0.053	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	11-1480	CASA-11-4564	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.5	—	—	1	µg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	60.8	—	—	1	µg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.75	—	—	0.1	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.74	—	—	0.1	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	2.4	mg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	2.4	mg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.5	—	—	0.33	mg/L	Y	J	J	11-2596	CASA-11-10815	GELC
R-35b	825.4	02/28/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.579	—	—	0.33	mg/L	Y	J	J	11-1480	CASA-11-4563	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.293	—	—	0.067	µg/L	Y	—	U	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.304	—	—	0.067	µg/L	Y	—	NQ	11-1480	CASA-11-4564	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	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	12.4	—	—	1	µg/L	Y	—	NQ	11-1480	CASA-11-4564	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-35b	825.4	06/01/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	28.2	—	—	3.3	µg/L	Y	—	NQ	11-2596	CASA-11-10814	GELC
R-35b	825.4	02/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	28	—	—	3.3	µg/L	Y	—	J	11-1480	CASA-11-4564	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J-	12-366	CASA-12-1390	GELC
R-36	766.9	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	J-	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	J-	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	0.73	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.4	—	—	0.73	mg/L	Y	—	NQ	11-2608	CASA-11-10817	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.06	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	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	Arsenic	As	Y	1.85	—	—	1.7	µg/L	Y	J	J+	12-366	CASA-12-1390	GELC
R-36	766.9	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-2608	CASA-11-10817	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36.4	—	—	1	µg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.7	—	—	1	µg/L	Y	—	NQ	11-2608	CASA-11-10817	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
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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	27.2	—	—	15	µg/L	Y	J	J	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.6	—	—	15	µg/L	Y	J	J	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.107	—	—	0.066	mg/L	Y	J	J	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.115	—	—	0.066	mg/L	Y	J	J	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	19.3	—	—	0.05	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.85	—	—	0.066	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.79	—	—	0.066	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.48	—	—	2	µg/L	Y	J	J	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.89	—	—	2	µg/L	Y	J	J	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.496	—	—	0.033	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	—	0.033	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.3	—	—	0.45	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	0.45	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.38	—	—	0.11	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-2608	CASA-11-10817	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-846:6020	Molybdenum	Mo	Y	1.82	—	—	0.17	µg/L	Y	—	J	12-366	CASA-12-1390	GELC
R-36	766.9	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.23	—	—	0.17	µg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.7	—	—	0.17	µg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.71	—	—	0.5	µg/L	Y	J	J	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.43	—	—	0.5	µg/L	Y	J	J	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.26	—	—	0.1	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.71	—	—	0.05	mg/L	Y	—	NQ	11-2608	CASA-11-10817	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.7	—	—	0.1	µg/L	Y	—	NQ	12-1325	CASA-12-17138	GELC
R-36	766.9	03/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.58	—	—	0.2	µg/L	Y	—	NQ	12-1064	CASA-12-12038	GELC
R-36	766.9	11/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.845	—	—	0.05	µg/L	Y	—	NQ	12-366	CASA-12-1390	GELC
R-36	766.9	08/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.55	—	—	0.25	µg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.64	—	—	0.2	µg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75	—	—	0.053	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	11-2608	CASA-11-10817	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
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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	72.4	—	—	1	µg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	62.8	—	—	1	µg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.65	—	—	0.1	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.88	—	—	0.1	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	168	—	—	2.4	mg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.63	—	—	0.33	mg/L	Y	J	J	11-3206	CASA-11-24789	GELC
R-36	766.9	06/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.641	—	—	0.33	mg/L	Y	J	J	11-2608	CASA-11-10816	GELC
R-36	766.9	05/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0297	—	—	0.017	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:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0189	—	—	0.015	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:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	U	12-366	CASA-12-1390	GELC
R-36	766.9	08/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.157	—	—	0.015	mg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0224	—	—	0.015	mg/L	Y	J	U	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.322	—	—	0.067	µg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.316	—	—	0.067	µg/L	Y	—	NQ	11-2608	CASA-11-10817	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	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.5	—	—	1	µg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13.8	—	—	1	µg/L	Y	—	NQ	11-2608	CASA-11-10817	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-36	766.9	08/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	56.5	—	—	3.3	µg/L	Y	—	NQ	11-3206	CASA-11-24788	GELC
R-36	766.9	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	50.4	—	—	3.3	µg/L	Y	—	NQ	11-2608	CASA-11-10817	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	12-1319	CAMO-12-14024	GELC
R-42	931.8	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	J-	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	J-	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	J-	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	0.725	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	—	0.73	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.3	—	—	0.73	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.1	—	—	0.73	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	Y	1.54	—	—	1	µg/L	Y	J	J	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Antimony	Sb	N	3	—	—	1	µg/L	Y	U	U	11-2580	CAMO-11-10718	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.7	—	—	1.7	µg/L	Y	J	J	12-1319	CAMO-12-14024	GELC
R-42	931.8	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.07	—	—	1.7	µg/L	Y	J	J	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	95.5	—	—	1	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	95.4	—	—	1	µg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	99.8	—	—	1	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	89.4	—	—	1	µg/L	Y	—	NQ	11-2580	CAMO-11-10718	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	12-1319	CAMO-12-14024	GELC
R-42	931.8	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.6	—	—	15	µg/L	Y	J	J	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.9	—	—	15	µg/L	Y	J	J	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.217	—	—	0.066	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.221	—	—	0.066	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.206	—	—	0.066	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.201	—	—	0.066	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	52.5	—	—	0.05	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	54.3	—	—	0.05	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	56.5	—	—	0.05	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	50.7	—	—	0.05	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	39.1	—	—	0.33	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	40.3	—	—	0.33	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.4	—	—	0.33	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	37.9	—	—	0.33	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	969	—	—	2	µg/L	Y	—	J+	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	935	—	—	2	µg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	965	—	—	2	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	891	—	—	2	µg/L	Y	E	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	—	0.033	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	193	—	—	0.453	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	198	—	—	0.45	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	206	—	—	0.45	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	184	—	—	0.45	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15	—	—	0.11	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15	—	—	0.11	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.7	—	—	0.11	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	13.8	—	—	0.11	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	GELC
R-42	931.8	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.64	—	—	2	µg/L	Y	J	J	12-1319	CAMO-12-14024	GELC
R-42	931.8	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.43	—	—	2	µg/L	Y	J	J	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.554	—	—	0.165	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.497	—	—	0.17	µg/L	Y	J	J	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.569	—	—	0.17	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.467	—	—	0.17	µg/L	Y	J	J	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	25.9	—	—	0.5	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20.8	—	—	0.5	µg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.6	—	—	0.5	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.1	—	—	0.5	µg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.75	—	—	0.1	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.56	—	—	0.1	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.75	—	—	0.05	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.057	—	—	0.05	mg/L	Y	J	J	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.31	—	—	0.1	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.22	—	—	0.1	µg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.42	—	—	0.1	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.27	—	—	0.1	µg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.53	—	—	0.05	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.68	—	—	0.05	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.59	—	—	0.05	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.64	—	—	0.05	mg/L	Y	E	J	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.5	—	—	0.053	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.6	—	—	0.053	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	81.4	—	—	0.053	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.9	—	—	0.053	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.7	—	—	0.1	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.5	—	—	0.1	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.5	—	—	0.1	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	GELC
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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	465	—	—	1	µS/cm	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	473	—	—	1	µS/cm	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	454	—	—	1	µS/cm	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	473	—	—	1	µS/cm	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	203	—	—	1	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	208	—	—	1	µg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	208	—	—	1	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	187	—	—	1	µg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	73.9	—	—	0.5	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	75.4	—	—	0.5	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	71.3	—	—	0.5	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	75.1	—	—	0.5	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	350	—	—	3.4	mg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	351	—	—	3.4	mg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	327	—	—	3.4	mg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	334	—	—	2.4	mg/L	Y	—	NQ	11-2580	CAMO-11-10718	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	03/09/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.104	—	—	0.035	mg/L	Y	—	NQ	12-1066	CAMO-12-12020	GELC
R-42	931.8	11/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0742	—	—	0.035	mg/L	Y	J	J	12-323	CAMO-12-1491	GELC
R-42	931.8	08/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0823	—	—	0.035	mg/L	Y	J	U	11-3009	CAMO-11-24639	GELC
R-42	931.8	05/31/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.218	—	—	0.035	mg/L	Y	—	NQ	11-2580	CAMO-11-10717	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	03/09/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	NQ	12-1066	CAMO-12-12020	GELC
R-42	931.8	11/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.2	—	—	0.33	mg/L	Y	—	NQ	12-323	CAMO-12-1491	GELC
R-42	931.8	08/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.952	—	—	0.33	mg/L	Y	J	J	11-3009	CAMO-11-24639	GELC
R-42	931.8	05/31/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.13	—	—	0.33	mg/L	Y	—	NQ	11-2580	CAMO-11-10717	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0268	—	—	0.015	mg/L	Y	J	J	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	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	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.28	—	—	0.015	mg/L	Y	—	J	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0606	—	—	0.015	mg/L	Y	—	U	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.822	—	—	0.067	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.702	—	—	0.067	µg/L	Y	—	NQ	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.57	—	—	0.067	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.617	—	—	0.067	µg/L	Y	—	NQ	11-2580	CAMO-11-10718	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.68	—	—	1	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.92	—	—	1	µg/L	Y	J	J	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.49	—	—	1	µg/L	Y	J	J	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	4.53	—	—	1	µg/L	Y	J	U	11-2580	CAMO-11-10718	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-42	931.8	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.6	—	—	3.3	µg/L	Y	—	NQ	12-1066	CAMO-12-12029	GELC
R-42	931.8	11/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	9.72	—	—	3.3	µg/L	Y	J	J	12-323	CAMO-12-1490	GELC
R-42	931.8	08/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.1	—	—	3.3	µg/L	Y	—	NQ	11-3009	CAMO-11-24640	GELC
R-42	931.8	05/31/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	14.2	—	—	3.3	µg/L	Y	—	NQ	11-2580	CAMO-11-10718	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	J-	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J-	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	J-	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.3	—	—	0.725	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.2	—	—	0.73	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	37.5	—	—	0.73	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39	—	—	0.73	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.7	—	—	1	µg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	J	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	11-2459	CASA-11-10819	GELC
R-43 S1	903.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	12-1315	CASA-12-14063	GELC
R-43 S1	903.9	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	37.6	—	—	15	µg/L	Y	J	J	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.3	—	—	15	µg/L	Y	J	J	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	11-2459	CASA-11-10819	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.08	—	—	0.066	mg/L	Y	J	J	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.127	—	—	0.066	mg/L	Y	J	J	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0902	—	—	0.066	mg/L	Y	J	J	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.88	—	—	0.066	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.56	—	—	0.066	mg/L	Y	—	J+	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.64	—	—	0.066	mg/L	Y	—	J+	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.4	—	—	0.066	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	37.4	—	—	2	µg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	37	—	—	10	µg/L	N	J	R	12-346	CASA-12-1393	GELC
R-43 S1	903.9	11/15/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	32.4	—	—	2	µg/L	Y	—	NQ	12-346-1	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	28.6	—	—	2	µg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	22.8	—	—	2	µg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.388	—	—	0.033	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.377	—	—	0.033	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	—	0.033	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.353	—	—	0.033	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	0.45	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	—	0.45	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57	—	—	0.45	mg/L	Y	—	NQ	11-2459	CASA-11-10819	GELC
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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.64	—	—	0.11	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.99	—	—	0.11	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.64	—	—	0.11	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.17	µg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.17	µg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.17	µg/L	Y	—	J	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.68	—	—	0.5	µg/L	Y	J	J	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	10	—	—	2.5	µg/L	Y	U	U	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.35	—	—	0.5	µg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.855	—	—	0.5	µg/L	Y	J	J	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.56	—	—	0.1	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.14	—	—	0.1	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.56	—	—	0.1	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.5	—	—	0.05	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	03/09/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.966	—	—	0.05	µg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.94	—	—	0.1	µg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.982	—	—	0.05	µg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.955	—	—	0.05	µg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.68	—	—	0.05	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	J	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.04	—	—	1.5	µg/L	Y	J	J	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	N	5	—	—	1.5	µg/L	Y	U	U	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.35	—	—	1.5	µg/L	Y	J	J	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.81	—	—	1.5	µg/L	Y	J	J	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.2	—	—	0.053	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	78.9	—	—	0.053	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.9	—	—	0.1	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µS/cm	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	68.7	—	—	1	µg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.9	—	—	1	µg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63	—	—	1	µg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	2.4	mg/L	Y	—	NQ	11-2459	CASA-11-10819	GELC
R-43 S1	903.9	05/22/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0754	—	—	0.035	mg/L	Y	J	J	12-1315	CASA-12-14058	GELC
R-43 S1	903.9	03/09/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0807	—	—	0.035	mg/L	Y	J	J-	12-1075	CASA-12-11710	GELC
R-43 S1	903.9	11/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-345	CASA-12-1391	GELC
R-43 S1	903.9	08/16/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0865	—	—	0.035	mg/L	Y	J	U	11-3244	CASA-11-24785	GELC
R-43 S1	903.9	05/18/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.18	mg/L	Y	U	UJ	11-2459	CASA-11-10818	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	03/09/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.104	—	—	0.015	mg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0216	—	—	0.015	mg/L	Y	J	J	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.123	—	—	0.015	mg/L	Y	—	U	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0376	—	—	0.015	mg/L	Y	J	U	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.104	—	—	0.067	µg/L	Y	J	J	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.076	—	—	0.067	µg/L	Y	J	J	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.074	—	—	0.067	µg/L	Y	J	J	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.096	—	—	0.067	µg/L	Y	J	J	11-2459	CASA-11-10819	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	03/09/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.35	—	—	1	µg/L	Y	—	NQ	12-1075	CASA-12-11714	GELC
R-43 S1	903.9	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.72	—	—	1	µg/L	Y	—	NQ	12-346	CASA-12-1393	GELC
R-43 S1	903.9	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.99	—	—	1	µg/L	Y	—	NQ	11-3244	CASA-11-24784	GELC
R-43 S1	903.9	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.63	—	—	1	µg/L	Y	—	NQ	11-2459	CASA-11-10819	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.49	—	—	0.01	SU	Y	H	NQ	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.63	—	—	0.01	SU	Y	H	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.63	—	—	0.01	SU	Y	H	J-	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.64	—	—	0.01	SU	Y	H	J-	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.6	—	—	0.01	SU	Y	H	J-	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	J-	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	7.18	—	—	0.725	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.15	—	—	0.73	mg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.15	—	—	0.73	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.28	—	—	0.73	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	—	0.725	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.9	—	—	0.73	mg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.9	—	—	0.73	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	0.73	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.1	—	—	0.73	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	N	5	—	—	1	µg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	J	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15	—	—	1	µg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	35.9	—	—	15	µg/L	Y	J	J	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	39.6	—	—	15	µg/L	Y	J	J	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	40.3	—	—	15	µg/L	Y	J	J	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	N	0.2	—	—	0.05	mg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.066	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.39	—	—	0.066	mg/L	Y	—	J+	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.37	—	—	0.066	mg/L	Y	—	J+	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.066	mg/L	Y	—	J+	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.41	—	—	0.066	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.64	—	—	2	µg/L	Y	J	J	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	50	—	—	10	µg/L	N	U	R	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	50	—	—	10	µg/L	N	U	R	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	RE	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.3	—	—	2	µg/L	Y	J	J	12-346-1	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	RE	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.43	—	—	2	µg/L	Y	J	J	12-346-1	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.64	—	—	2	µg/L	Y	J	J	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.29	—	—	2	µg/L	Y	J	J	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.345	—	—	0.033	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.33	—	—	0.033	mg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	—	0.033	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.294	—	—	0.033	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.6	—	—	0.453	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	N	1.24	—	—	0.45	mg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.1	—	—	0.45	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.6	—	—	0.45	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.1	—	—	0.45	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.42	—	—	0.11	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.39	—	—	0.11	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	N	0.3	—	—	0.11	mg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.5	—	—	0.11	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.165	µg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.76	—	—	0.17	µg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.68	—	—	0.17	µg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.24	—	—	0.17	µg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.97	—	—	0.17	µg/L	Y	—	J	11-2459	CASA-11-10821	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
R-43 S2	969.1	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.695	—	—	0.5	µg/L	Y	J	J	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	10	—	—	2.5	µg/L	Y	U	U	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	10	—	—	2.5	µg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.02	—	—	0.5	µg/L	Y	J	J	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.635	—	—	0.5	µg/L	Y	J	J	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	—	0.05	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.63	—	—	0.05	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.6	—	—	0.05	mg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.389	—	—	0.01	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.995	—	—	0.05	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.438	—	—	0.05	µg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.454	—	—	0.05	µg/L	Y	—	NQ	12-346	CASA-12-1398	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	11/15/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.435	—	—	0.05	µg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	N	0.15	—	—	0.05	mg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	J	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	2.45	—	—	0.053	mg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.3	—	—	0.053	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	0.267	—	—	0.1	mg/L	Y	J	J	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.4	—	—	0.1	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18	—	—	0.1	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µS/cm	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.9	—	—	1	µg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	N	5	—	—	1	µg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	98.3	—	—	1	µg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	94.5	—	—	1	µg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.96	—	—	0.1	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.98	—	—	0.1	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.01	—	—	0.1	mg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.04	—	—	0.1	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.09	—	—	0.1	mg/L	Y	—	NQ	11-2459	CASA-11-10821	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	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	2.4	mg/L	Y	—	NQ	11-2459	CASA-11-10821	GELC
R-43 S2	969.1	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.017	mg/L	Y	J	J	12-1315	CASA-12-14064	GELC
R-43 S2	969.1	03/12/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0984	—	—	0.015	mg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0192	—	—	0.015	mg/L	Y	J	J	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	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	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.075	—	—	0.015	mg/L	Y	—	U	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.039	—	—	0.015	mg/L	Y	J	U	11-2459	CASA-11-10821	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/22/12	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	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.998	—	—	0.067	µg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.04	—	—	0.067	µg/L	Y	—	NQ	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.13	—	—	0.067	µg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.972	—	—	0.067	µg/L	Y	—	NQ	11-2459	CASA-11-10821	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-43 S2	969.1	03/12/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.04	—	—	1	µg/L	Y	—	NQ	12-1076	CASA-12-11715	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-346	CASA-12-1398	GELC
R-43 S2	969.1	11/15/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.68	—	—	1	µg/L	Y	—	NQ	12-346	CASA-12-1395	GELC
R-43 S2	969.1	08/16/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.22	—	—	1	µg/L	Y	—	NQ	11-3244	CASA-11-24786	GELC
R-43 S2	969.1	05/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.85	—	—	1	µg/L	Y	—	NQ	11-2459	CASA-11-10821	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	J-	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J-	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.1	—	—	0.73	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	0.73	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.65	—	—	1.7	µg/L	Y	J	J	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	UJ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.71	—	—	1.7	µg/L	Y	J	J	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.2	—	—	1	µg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.066	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.066	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.2	—	—	2	µg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	13.2	—	—	2	µg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47	—	—	0.45	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.2	—	—	0.45	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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
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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.59	—	—	0.11	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.51	—	—	0.11	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.87	—	—	0.17	µg/L	Y	—	J	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.995	—	—	0.17	µg/L	Y	—	J	11-1454	CAMO-11-4602	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.41	—	—	0.05	µg/L	Y	—	NQ	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.05	µg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.409	—	—	0.05	µg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/19/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.41	—	—	0.05	µg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	J	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.16	—	—	0.05	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.61	—	—	0.1	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.73	—	—	0.1	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.6	—	—	1	µg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.1	—	—	1	µg/L	Y	—	NQ	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.13	—	—	0.1	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.25	—	—	0.1	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	2.4	mg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	2.4	mg/L	Y	—	NQ	11-1454	CAMO-11-4602	GELC
R-44 S1	895	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0184	—	—	0.017	mg/L	Y	J	J	12-1321	CAMO-12-14025	GELC
R-44 S1	895	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0974	—	—	0.015	mg/L	Y	—	NQ	12-378	CAMO-12-1498	GELC
R-44 S1	895	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.111	—	—	0.015	mg/L	Y	—	NQ	11-3066	CAMO-11-24646	GELC
R-44 S1	895	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0619	—	—	0.015	mg/L	Y	—	U	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.046	—	—	0.015	mg/L	Y	J	U	11-1454	CAMO-11-4602	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.393	—	—	0.067	µg/L	Y	—	NQ	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.501	—	—	0.067	µg/L	Y	—	NQ	11-1454	CAMO-11-4602	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 S1	895	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.95	—	—	1	µg/L	Y	J	J	11-2471	CAMO-11-10707	GELC
R-44 S1	895	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.51	—	—	1	µg/L	Y	J	J	11-1454	CAMO-11-4602	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	J-	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.5	—	—	0.73	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	0.73	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.42	—	—	1.7	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	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	UJ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.04	—	—	1.7	µg/L	Y	J	J	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.4	—	—	1	µg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.066	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.066	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.85	—	—	2	µg/L	Y	J	J	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.87	—	—	2	µg/L	Y	J	J	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	—	0.033	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.377	—	—	0.033	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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
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	05/19/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.6	—	—	0.45	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.8	—	—	0.45	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.03	—	—	2	µg/L	Y	J	J	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	4.07	—	—	2	µg/L	Y	J	J	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.754	—	—	0.17	µg/L	Y	—	U	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.884	—	—	0.17	µg/L	Y	—	U	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.795	—	—	0.05	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.545	—	—	0.05	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.324	—	—	0.05	µg/L	Y	—	NQ	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/19/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.05	µg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.05	µg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	J	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.7	—	—	0.053	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	11-1454	CAMO-11-4604	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
R-44 S2	985.3	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	61.8	—	—	1	µg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.2	—	—	1	µg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.12	—	—	0.1	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.03	—	—	0.1	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	142	—	—	2.4	mg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	2.4	mg/L	Y	—	NQ	11-1454	CAMO-11-4604	GELC
R-44 S2	985.3	05/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0266	—	—	0.017	mg/L	Y	J	J	12-1321	CAMO-12-14026	GELC
R-44 S2	985.3	11/17/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0209	—	—	0.015	mg/L	Y	J	J	12-378	CAMO-12-1501	GELC
R-44 S2	985.3	08/05/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.111	—	—	0.015	mg/L	Y	—	NQ	11-3066	CAMO-11-24647	GELC
R-44 S2	985.3	05/19/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0263	—	—	0.015	mg/L	Y	J	U	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0472	—	—	0.015	mg/L	Y	J	U	11-1454	CAMO-11-4604	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	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.634	—	—	0.067	µg/L	Y	—	NQ	11-1454	CAMO-11-4604	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-44 S2	985.3	05/19/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.74	—	—	1	µg/L	Y	—	NQ	11-2471	CAMO-11-10708	GELC
R-44 S2	985.3	02/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.54	—	—	1	µg/L	Y	—	NQ	11-1454	CAMO-11-4604	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J-	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	J-	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	—	0.73	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.6	—	—	0.73	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.2	—	—	1	µg/L	Y	—	NQ	11-1330	CAMO-11-4606	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.9	—	—	15	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	Boron	B	Y	16.5	—	—	15	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	Boron	B	Y	17.6	—	—	15	µg/L	Y	J	J	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.6	—	—	15	µg/L	Y	J	J	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.6	—	—	15	µg/L	Y	J	J	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	N	J-	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.83	—	—	0.066	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.47	—	—	0.066	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	GELC
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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.6	—	—	2	µg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	15.8	—	—	2	µg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.345	—	—	0.033	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.299	—	—	0.033	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.45	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.6	—	—	0.45	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.882	—	—	0.17	µg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.894	—	—	0.17	µg/L	Y	—	U	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.11	—	—	0.5	µg/L	Y	J	J	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.18	—	—	0.5	µg/L	Y	J	J	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.61	—	—	0.05	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.03	—	—	0.1	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.545	—	—	0.05	µg/L	Y	—	NQ	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.546	—	—	0.05	µg/L	Y	—	NQ	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.547	—	—	0.05	µg/L	Y	—	NQ	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/20/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.533	—	—	0.05	µg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.591	—	—	0.05	µg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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
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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	71.2	—	—	1	µg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	78.9	—	—	1	µg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.91	—	—	0.1	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.35	—	—	0.1	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	2.4	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	168	—	—	2.4	mg/L	Y	—	NQ	11-1330	CAMO-11-4606	GELC
R-45 S1	880	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0368	—	—	0.017	mg/L	Y	J	J	12-1314	CAMO-12-14027	GELC
R-45 S1	880	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0257	—	—	0.015	mg/L	Y	J	J	12-363	CAMO-12-1492	GELC
R-45 S1	880	08/01/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0468	—	—	0.015	mg/L	Y	J	U	11-2990	CAMO-11-24641	GELC
R-45 S1	880	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0706	—	—	0.015	mg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	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	11-1330	CAMO-11-4606	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.782	—	—	0.067	µg/L	Y	—	NQ	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.884	—	—	0.067	µg/L	Y	—	NQ	11-1330	CAMO-11-4606	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-846:6010B	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.93	—	—	1	µg/L	Y	J	J	11-2493	CAMO-11-10711	GELC
R-45 S1	880	02/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.07	—	—	1	µg/L	Y	—	NQ	11-1330	CAMO-11-4606	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	J-	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	J-	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	J-	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.1	—	—	0.73	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.6	—	—	0.73	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	27.3	—	—	1	µg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	31.9	—	—	1	µg/L	Y	—	NQ	11-1338	CAMO-11-4608	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.8	—	—	15	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-846:6010B	Boron	B	Y	20.5	—	—	15	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-846:6010B	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.2	—	—	15	µg/L	Y	J	J	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	N	J-	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.36	—	—	0.066	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.21	—	—	0.066	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.91	—	—	2	µg/L	Y	J	J	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	8.22	—	—	2	µg/L	Y	J	J	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	—	0.033	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60	—	—	0.45	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.7	—	—	0.45	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.72	—	—	0.11	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5	—	—	0.11	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.919	—	—	0.17	µg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.17	µg/L	Y	—	J	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.28	—	—	0.5	µg/L	Y	J	J	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.79	—	—	0.5	µg/L	Y	J	J	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.85	—	—	0.05	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.555	—	—	0.05	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.05	µg/L	Y	—	NQ	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	—	0.05	µg/L	Y	—	NQ	12-363	CAMO-12-1496	GELC
R-45 S2	974.9	08/01/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.05	µg/L	Y	—	NQ	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/20/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.388	—	—	0.05	µg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	—	0.05	µg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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
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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.5	—	—	0.053	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.8	—	—	1	µg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	78	—	—	1	µg/L	Y	—	NQ	11-1338	CAMO-11-4608	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.4	—	—	0.1	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.46	—	—	0.1	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	2.4	mg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	165	—	—	2.4	mg/L	Y	—	NQ	11-1338	CAMO-11-4608	GELC
R-45 S2	974.9	05/22/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0407	—	—	0.017	mg/L	Y	J	J	12-1314	CAMO-12-14028	GELC
R-45 S2	974.9	11/16/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.015	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:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0456	—	—	0.015	mg/L	Y	J	U	11-2990	CAMO-11-24643	GELC
R-45 S2	974.9	05/20/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0348	—	—	0.015	mg/L	Y	J	J	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.029	—	—	0.015	mg/L	Y	J	J	11-1338	CAMO-11-4608	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	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.661	—	—	0.067	µg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.748	—	—	0.067	µg/L	Y	—	NQ	11-1338	CAMO-11-4608	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-45 S2	974.9	05/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.34	—	—	1	µg/L	Y	—	NQ	11-2493	CAMO-11-10712	GELC
R-45 S2	974.9	02/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.46	—	—	1	µg/L	Y	—	NQ	11-1338	CAMO-11-4608	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	J-	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	J-	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J-	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	J-	11-2548	CAMO-11-10723	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
R-50 S1	1077	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61	—	—	0.725	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.5	—	—	0.73	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.73	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	0.73	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	0.73	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.73	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.1	—	—	1	µg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.7	—	—	1	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.5	—	—	1	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.3	—	—	1	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.6	—	—	15	µg/L	Y	J	J	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.2	—	—	15	µg/L	Y	J	J	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	11-2548	CAMO-11-10723	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-846:6010B	Calcium	Ca	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.08	—	—	0.066	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.72	—	—	0.066	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.32	—	—	0.066	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.31	—	—	0.066	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.94	—	—	0.066	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.96	—	—	0.066	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	99.8	—	—	2	µg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	89.4	—	—	2	µg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	71.2	—	—	2	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	69.5	—	—	2	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	79	—	—	2	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	81	—	—	2	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	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	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.331	—	—	0.033	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.36	—	—	0.033	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.1	—	—	0.453	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56	—	—	0.45	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.9	—	—	0.45	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.5	—	—	0.45	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.9	—	—	0.45	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.1	—	—	0.45	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.77	—	—	0.11	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.44	—	—	0.11	mg/L	Y	—	J	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.29	—	—	0.11	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.41	—	—	0.11	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.28	—	—	0.11	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.54	—	—	0.11	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.85	—	—	0.165	µg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.47	—	—	0.17	µg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.18	—	—	0.17	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.29	—	—	0.17	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.46	—	—	0.17	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.46	—	—	0.17	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.41	—	—	0.5	µg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.51	—	—	0.5	µg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.51	—	—	0.5	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.66	—	—	0.5	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.59	—	—	0.5	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.83	—	—	0.5	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	—	—	0.05	mg/L	Y	—	J	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	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	03/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.521	—	—	0.05	µg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.545	—	—	0.05	µg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.488	—	—	0.05	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.506	—	—	0.05	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.565	—	—	0.05	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	—	0.05	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.3	—	—	0.053	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.9	—	—	0.1	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	61.6	—	—	1	µg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.6	—	—	1	µg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.5	—	—	1	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	57.1	—	—	1	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.9	—	—	1	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.97	—	—	0.1	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.9	—	—	0.1	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	2.4	mg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	168	—	—	2.4	mg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1066	CAMO-12-12021	GELC
R-50 S1	1077	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	12-383	CAMO-12-1505	GELC
R-50 S1	1077	08/04/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0417	—	—	0.035	mg/L	Y	J	U	11-3042	CAMO-11-24673	GELC
R-50 S1	1077	08/04/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.225	—	—	0.035	mg/L	Y	—	U	11-3042	CAMO-11-24675	GELC
R-50 S1	1077	05/25/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-2547	CAMO-11-10720	GELC
R-50 S1	1077	05/25/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-2547	CAMO-11-10722	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	03/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.831	—	—	0.33	mg/L	Y	J	U	12-1066	CAMO-12-12021	GELC
R-50 S1	1077	11/18/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.44	—	—	0.33	mg/L	Y	J	J	12-383	CAMO-12-1505	GELC
R-50 S1	1077	08/04/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.518	—	—	0.33	mg/L	Y	J	J	11-3042	CAMO-11-24675	GELC
R-50 S1	1077	08/04/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.54	—	—	0.33	mg/L	Y	J	J	11-3042	CAMO-11-24673	GELC
R-50 S1	1077	05/25/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.46	—	—	0.33	mg/L	Y	—	J	11-2547	CAMO-11-10720	GELC
R-50 S1	1077	05/25/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.638	—	—	0.33	mg/L	Y	J	U	11-2547	CAMO-11-10722	GELC
R-50 S1	1077	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.029	—	—	0.017	mg/L	Y	J	J	12-1334	CAMO-12-14029	GELC
R-50 S1	1077	03/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0608	—	—	0.015	mg/L	Y	—	U	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0181	—	—	0.015	mg/L	Y	J	J	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.169	—	—	0.015	mg/L	Y	—	U	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0984	—	—	0.015	mg/L	Y	—	U	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0519	—	—	0.015	mg/L	Y	—	U	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.049	—	—	0.015	mg/L	Y	J	U	11-2548	CAMO-11-10723	GELC
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	05/25/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	20.286	3.1878	1.9642	—	pCi/L	Y	—	NQ	11-2539	CAMO-11-10720	ARSL
R-50 S1	1077	05/25/11	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	24.0856	3.7996	2.576	—	pCi/L	Y	—	NQ	11-2539	CAMO-11-10722	ARSL
R-50 S1	1077	02/23/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	29.1088	4.4436	1.7066	—	pCi/L	N	—	R	11-1429	CAMO-11-4611	ARSL
R-50 S1	1077	02/23/11	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.336	4.347	1.6744	—	pCi/L	N	—	R	11-1429	CAMO-11-4614	ARSL
R-50 S1	1077	02/23/11	WG	UF	RE	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.4988	4.2182	1.61	—	pCi/L	Y	—	NQ	11-1429	CAMO-11-4614	ARSL
R-50 S1	1077	02/23/11	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	29.463	4.508	1.6422	—	pCi/L	Y	—	NQ	11-1429	CAMO-11-4611	ARSL
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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.654	—	—	0.067	µg/L	Y	—	NQ	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.609	—	—	0.067	µg/L	Y	—	NQ	12-384	CAMO-12-1504	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.638	—	—	0.067	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.591	—	—	0.067	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.58	—	—	0.067	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	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	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.72	—	—	1	µg/L	Y	J	J	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.52	—	—	1	µg/L	Y	J	J	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.75	—	—	1	µg/L	Y	J	J	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.51	—	—	1	µg/L	Y	J	J	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.35	—	—	1	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.33	—	—	1	µg/L	Y	J	J	11-2548	CAMO-11-10723	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 S1	1077	03/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	11	—	—	3.3	µg/L	Y	—	U	12-1066	CAMO-12-12030	GELC
R-50 S1	1077	11/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	8.76	—	—	3.3	µg/L	Y	J	U	12-384	CAMO-12-1504	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	12.5	—	—	3.3	µg/L	Y	—	NQ	11-3042	CAMO-11-24676	GELC
R-50 S1	1077	08/04/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	12.6	—	—	3.3	µg/L	Y	—	NQ	11-3042	CAMO-11-24671	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	26.5	—	—	3.3	µg/L	Y	—	NQ	11-2548	CAMO-11-10723	GELC
R-50 S1	1077	05/25/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	28.2	—	—	3.3	µg/L	Y	—	NQ	11-2548	CAMO-11-10719	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	J-	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J-	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J-	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	0.725	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.5	—	—	0.73	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	0.73	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	0.73	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0723	—	—	0.017	mg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0808	—	—	0.016	mg/L	Y	—	U	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.072	—	—	0.016	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.016	mg/L	Y	U	U	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.9	—	—	1	µg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.1	—	—	1	µg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	11-2527	CAMO-11-10727	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.3	—	—	15	µg/L	Y	J	J	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.3	—	—	15	µg/L	Y	J	J	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.06	—	—	0.066	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	0.066	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.07	—	—	0.066	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.066	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.77	—	—	2	µg/L	Y	J	J	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.09	—	—	2	µg/L	Y	J	J	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.394	—	—	0.033	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.38	—	—	0.033	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.363	—	—	0.033	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.033	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.9	—	—	0.453	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.45	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.3	—	—	0.45	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.6	—	—	0.45	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.9	—	—	0.11	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.13	—	—	0.11	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.19	—	—	0.11	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.72	—	—	0.11	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.165	µg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.17	µg/L	Y	—	J	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.17	µg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.17	µg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.6	—	—	0.5	µg/L	Y	J	J	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.47	—	—	0.5	µg/L	Y	J	J	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.75	—	—	0.5	µg/L	Y	J	J	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.03	—	—	0.5	µg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.505	—	—	0.05	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.17	—	—	0.01	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.05	mg/L	Y	—	J	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.56	—	—	0.05	mg/L	Y	—	J+	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.31	—	—	0.05	µg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.331	—	—	0.05	µg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	GELC
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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.6	—	—	0.053	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	80.6	—	—	0.053	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.7	—	—	1	µg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	53.9	—	—	1	µg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.54	—	—	0.1	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.65	—	—	0.1	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.62	—	—	0.1	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.76	—	—	0.1	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	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	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	142	—	—	2.4	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	GELC
R-50 S2	1185	05/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0354	—	—	0.035	mg/L	Y	J	J	12-1334	CAMO-12-14015	GELC
R-50 S2	1185	03/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-1061	CAMO-12-12022	GELC
R-50 S2	1185	11/28/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	12-440	CAMO-12-1809	GELC
R-50 S2	1185	08/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0385	—	—	0.035	mg/L	Y	J	U	11-3082	CAMO-11-24679	GELC
R-50 S2	1185	05/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-2524	CAMO-11-10726	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	03/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.568	—	—	0.33	mg/L	Y	J	J	12-1061	CAMO-12-12022	GELC
R-50 S2	1185	11/28/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.56	—	—	0.33	mg/L	Y	J	J	12-440	CAMO-12-1809	GELC
R-50 S2	1185	08/08/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-3082	CAMO-11-24679	GELC
R-50 S2	1185	05/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.528	—	—	0.33	mg/L	Y	J	J	11-2524	CAMO-11-10726	GELC
R-50 S2	1185	05/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0297	—	—	0.017	mg/L	Y	J	J	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	03/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0228	—	—	0.015	mg/L	Y	J	J	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.015	mg/L	Y	U	UJ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.129	—	—	0.015	mg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0873	—	—	0.015	mg/L	Y	—	NQ	11-2527	CAMO-11-10727	GELC
R-50 S2	1185	05/31/12	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.084	0.633	2.144	—	pCi/L	Y	U	U	12-1342	CAMO-12-14015	ARSL
R-50 S2	1185	11/28/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.12	0.59	2.01	—	pCi/L	Y	U	U	12-456	CAMO-12-1809	ARSL
R-50 S2	1185	11/21/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	23.15	3.71	3.09	—	pCi/L	Y	—	NQ	12-436	CAMO-12-1509	ARSL
R-50 S2	1185	08/08/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.2558	0.6762	2.3184	—	pCi/L	Y	U	U	11-3040	CAMO-11-24679	ARSL
R-50 S2	1185	05/24/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.9338	0.7728	2.5438	—	pCi/L	Y	U	U	11-2528	CAMO-11-10726	ARSL
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	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.673	—	—	0.067	µg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.642	—	—	0.067	µg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.582	—	—	0.067	µg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.739	—	—	0.067	µg/L	Y	—	NQ	11-2527	CAMO-11-10727	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	Vanadium	V	Y	7.32	—	—	1	µg/L	Y	—	NQ	12-1334	CAMO-12-14030	GELC
R-50 S2	1185	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.08	—	—	1	µg/L	Y	—	NQ	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.37	—	—	1	µg/L	Y	—	NQ	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.41	—	—	1	µg/L	Y	—	NQ	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.83	—	—	1	µg/L	Y	—	NQ	11-2527	CAMO-11-10727	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-50 S2	1185	03/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.52	—	—	3.3	µg/L	Y	J	J	12-1061	CAMO-12-12031	GELC
R-50 S2	1185	11/28/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.27	—	—	3.3	µg/L	Y	J	J	12-440	CAMO-12-1808	GELC
R-50 S2	1185	08/08/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.36	—	—	3.3	µg/L	Y	J	J	11-3082	CAMO-11-24680	GELC
R-50 S2	1185	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.56	—	—	3.3	µg/L	Y	J	J	11-2527	CAMO-11-10727	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity of a solution	pH	Y	8.49	—	—	0.01	SU	Y	H	NQ	12-1349	CAMO-12-14000	GELC
R-62	1158.4	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	NQ	12-1149	CAMO-12-12034	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	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	12-1149	CAMO-12-12034	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	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.5	—	—	0.725	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	06/06/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0629	—	—	0.017	mg/L	Y	—	NQ	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0449	—	—	0.017	mg/L	Y	J	J	12-1349	CAMO-12-14000	GELC
R-62	1158.4	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.119	—	—	0.017	mg/L	Y	—	U	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	12-1149	CAMO-12-12034	GELC
R-62	1158.4	06/06/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1349	CAMO-12-14033	GELC
R-62	1158.4	06/06/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	12-1349	CAMO-12-14000	GELC
R-62	1158.4	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.64	—	—	0.066	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	198	—	—	2	µg/L	Y	N	J-	12-1149	CAMO-12-12034	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	06/06/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	Y	1.99	—	—	0.3	µg/L	Y	—	NQ	12-1349	CAMO-12-13999	GELC
R-62	1158.4	06/06/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	1.91	—	—	0.3	µg/L	Y	—	U	12-1349	CAMO-12-14018	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	03/26/12	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	1	—	—	0.3	µg/L	Y	U	U	12-1149	CAMO-12-12025	GELC
R-62	1158.4	03/26/12	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	1	—	—	0.3	µg/L	Y	U	U	12-1149	CAMO-12-12014	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
R-62	1158.4	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	—	0.033	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	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	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	03/26/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.8	—	—	0.453	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.86	—	—	0.11	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.165	µg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.06	—	—	0.5	µg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.777	—	—	0.05	µg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	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	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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
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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-62	1158.4	06/06/12	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	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	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	80.4	—	—	1	µg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	—	—	0.1	mg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	03/26/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	J	12-1149	CAMO-12-12034	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	03/26/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.398	—	—	0.33	mg/L	Y	J	J-	12-1149	CAMO-12-12025	GELC
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	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.06	—	—	0.067	µg/L	Y	—	NQ	12-1149	CAMO-12-12034	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	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
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	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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.27	—	—	1	µg/L	Y	J	J	12-1149	CAMO-12-12034	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
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	03/26/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	37.5	—	—	3.3	µg/L	Y	—	NQ	12-1149	CAMO-12-12034	GELC
SCI-1	358.4	05/21/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity 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 Alklalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	J-	11-3243	CASA-11-24763	GELC
SCI-1	358.4	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	J-	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	J-	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	0.73	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.3	—	—	0.73	mg/L	Y	—	NQ	11-1404	CASA-11-4554	GELC

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Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0332	—	—	0.016	mg/L	Y	J	J	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.021	—	—	0.016	mg/L	Y	J	J-	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.61	—	—	1.7	µg/L	Y	J	J	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.6	—	—	1	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	39.9	—	—	1	µg/L	Y	—	NQ	11-1404	CASA-11-4554	GELC
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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	72.8	—	—	15	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	88.3	—	—	15	µg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.926	—	—	0.066	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.943	—	—	0.066	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	68.1	—	—	0.05	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	66.4	—	—	0.05	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	92.2	—	—	0.66	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	91.9	—	—	0.66	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	10.6	—	—	2	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.7	—	—	2	µg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	J-	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	212	—	—	0.45	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	02/18/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	207	—	—	0.45	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	10.2	—	—	0.11	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	9.97	—	—	0.11	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	74.3	—	—	0.17	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	85.1	—	—	0.17	µg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.16	—	—	0.5	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.61	—	—	0.5	µg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.83	—	—	0.05	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.03	—	—	0.1	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.902	—	—	0.05	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.936	—	—	0.05	µg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	59.8	—	—	0.053	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.5	—	—	0.053	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	51.7	—	—	0.1	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	52.4	—	—	0.1	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	712	—	—	1	µS/cm	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	686	—	—	1	µS/cm	Y	—	NQ	11-1404	CASA-11-4554	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	301	—	—	1	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	299	—	—	1	µg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	84.9	—	—	1	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	84.7	—	—	1	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	487	—	—	2.4	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	456	—	—	2.4	mg/L	Y	—	NQ	11-1404	CASA-11-4554	GELC
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	05/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	11-2518	CASA-11-10805	GELC
SCI-1	358.4	02/18/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.09	—	—	0.033	mg/L	Y	J	J-	11-1404	CASA-11-4553	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	05/24/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.68	—	—	0.33	mg/L	Y	—	NQ	11-2518	CASA-11-10805	GELC
SCI-1	358.4	02/18/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.86	—	—	0.33	mg/L	Y	—	NQ	11-1404	CASA-11-4553	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	05/24/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.735	—	—	0.015	mg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.895	—	—	0.015	mg/L	Y	—	NQ	11-1404	CASA-11-4554	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	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.06	—	—	0.067	µg/L	Y	—	NQ	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.7	—	—	0.067	µg/L	Y	—	NQ	11-1404	CASA-11-4554	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-1	358.4	05/24/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.25	—	—	1	µg/L	Y	J	J	11-2518	CASA-11-10804	GELC
SCI-1	358.4	02/18/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.66	—	—	1	µg/L	Y	J	J	11-1404	CASA-11-4554	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity 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 Alklalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	J-	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J-	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J-	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	J-	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alklalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J-	11-2608	CASA-11-10806	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	—	0.725	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.1	—	—	0.725	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.3	—	—	0.73	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.7	—	—	0.73	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.2	—	—	0.73	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.1	—	—	0.73	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.5	—	—	0.73	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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	05/23/12	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	65.1	—	—	1	µg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	65.1	—	—	1	µg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70	—	—	1	µg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	64.7	—	—	1	µg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	65	—	—	1	µg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	65.4	—	—	1	µg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	65.2	—	—	1	µg/L	Y	—	NQ	11-2608	CASA-11-10808	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
SCI-2	548	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.8	—	—	15	µg/L	Y	J	J	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	21.6	—	—	15	µg/L	Y	J	J	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	21	—	—	15	µg/L	Y	J	J	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.572	—	—	0.067	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.583	—	—	0.067	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.546	—	—	0.066	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.505	—	—	0.066	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.52	—	—	0.066	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.507	—	—	0.066	mg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.505	—	—	0.066	mg/L	Y	—	NQ	11-2608	CASA-11-10806	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	68.3	—	—	0.05	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	68.6	—	—	0.05	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	71.7	—	—	0.05	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	66.5	—	—	0.05	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	66.8	—	—	0.05	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	68.3	—	—	0.05	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	68.9	—	—	0.05	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	65.8	—	—	0.335	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	65.7	—	—	0.335	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	67.8	—	—	0.33	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.2	—	—	0.66	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60	—	—	0.66	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	57.9	—	—	0.66	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	58.7	—	—	0.66	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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-846:6020	Chromium	Cr	Y	433	—	—	2	µg/L	Y	—	NQ	12-1318	CASA-12-14067	GELC
SCI-2	548	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	450	—	—	2	µg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	446	—	—	2	µg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	501	—	—	10	µg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	504	—	—	2	µg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	511	—	—	2	µg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	508	—	—	2	µg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	507	—	—	2	µg/L	Y	—	NQ	11-2608	CASA-11-10808	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	05/23/12	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	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.207	—	—	0.033	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.209	—	—	0.033	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.21	—	—	0.033	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.199	—	—	0.033	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.249	—	—	0.033	mg/L	Y	—	NQ	11-2608	CASA-11-10806	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	03/05/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	235	—	—	0.453	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	236	—	—	0.453	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	247	—	—	0.45	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	231	—	—	0.45	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	228	—	—	0.45	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	235	—	—	0.45	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	237	—	—	0.45	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.5	—	—	0.11	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.8	—	—	0.11	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.6	—	—	0.11	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.1	—	—	0.11	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.5	—	—	0.11	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.6	—	—	0.11	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.9	—	—	0.11	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.636	—	—	0.165	µg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.654	—	—	0.165	µg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.684	—	—	0.17	µg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.702	—	—	0.17	µg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.709	—	—	0.17	µg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.68	—	—	0.17	µg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.639	—	—	0.17	µg/L	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.9	—	—	0.5	µg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.6	—	—	0.5	µg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.5	—	—	2.5	µg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	17	—	—	0.5	µg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.8	—	—	0.5	µg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.8	—	—	0.5	µg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17	—	—	0.5	µg/L	Y	—	NQ	11-2608	CASA-11-10806	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	05/23/12	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.08	—	—	0.05	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.14	—	—	0.05	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.9	—	—	0.05	mg/L	Y	—	J-	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.57	—	—	0.1	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.47	—	—	0.1	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.46	—	—	0.1	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.38	—	—	0.1	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	03/05/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.04	—	—	0.1	µg/L	Y	—	J	12-1053	CASA-12-11716	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.07	—	—	0.1	µg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.01	—	—	0.1	µg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.04	—	—	0.1	µg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.06	—	—	0.1	µg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.8	—	—	0.05	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.84	—	—	0.05	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.13	—	—	0.05	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.63	—	—	0.05	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.7	—	—	0.05	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	3.78	—	—	0.05	mg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.72	—	—	0.05	mg/L	Y	—	NQ	11-2608	CASA-11-10806	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.3	—	—	0.053	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	62.9	—	—	0.27	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.4	—	—	0.27	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	11-2608	CASA-11-10806	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
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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.7	—	—	0.1	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.9	—	—	0.1	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.4	—	—	0.1	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	22	—	—	0.1	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.6	—	—	0.1	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.9	—	—	0.1	mg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	21.8	—	—	0.1	mg/L	Y	—	NQ	11-2608	CASA-11-10806	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	593	—	—	1	µS/cm	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	595	—	—	1	µS/cm	Y	—	NQ	12-1053	CASA-12-11740	GELC

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	606	—	—	1	µS/cm	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	589	—	—	1	µS/cm	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	590	—	—	1	µS/cm	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	1	µS/cm	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	604	—	—	1	µS/cm	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	339	—	—	1	µg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	337	—	—	1	µg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	350	—	—	1	µg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	325	—	—	1	µg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	321	—	—	1	µg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	318	—	—	1	µg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	316	—	—	1	µg/L	Y	—	NQ	11-2608	CASA-11-10806	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	90.3	—	—	0.665	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	90.3	—	—	0.665	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	92.2	—	—	0.5	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	84	—	—	1	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	84.5	—	—	1	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	86.4	—	—	1	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	88.5	—	—	1	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	416	—	—	3.4	mg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	376	—	—	3.4	mg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	406	—	—	3.4	mg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	441	—	—	3.4	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	407	—	—	3.4	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	420	—	—	2.4	mg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	443	—	—	2.4	mg/L	Y	—	NQ	11-2608	CASA-11-10808	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	05/23/12	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	03/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.103	—	—	0.035	mg/L	Y	—	NQ	12-1053	CASA-12-11712	GELC
SCI-2	548	03/05/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.105	—	—	0.035	mg/L	Y	—	NQ	12-1053	CASA-12-11739	GELC
SCI-2	548	11/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0827	—	—	0.035	mg/L	Y	J	J+	12-331	CASA-12-1376	GELC
SCI-2	548	08/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	U	11-3176	CASA-11-24765	GELC
SCI-2	548	08/11/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	1	—	—	0.35	mg/L	Y	U	U	11-3176	CASA-11-24767	GELC
SCI-2	548	06/02/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.139	—	—	0.035	mg/L	Y	—	NQ	11-2608	CASA-11-10809	GELC
SCI-2	548	06/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	U	11-2608	CASA-11-10807	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	03/05/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.18	—	—	0.33	mg/L	Y	—	J-	12-1053	CASA-12-11712	GELC
SCI-2	548	03/05/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.18	—	—	0.33	mg/L	Y	—	J-	12-1053	CASA-12-11739	GELC
SCI-2	548	11/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.31	—	—	0.33	mg/L	Y	—	NQ	12-331	CASA-12-1376	GELC
SCI-2	548	08/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.777	—	—	0.33	mg/L	Y	J	J	11-3176	CASA-11-24765	GELC
SCI-2	548	08/11/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.766	—	—	0.33	mg/L	Y	J	J	11-3176	CASA-11-24767	GELC
SCI-2	548	06/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	11-2608	CASA-11-10807	GELC
SCI-2	548	06/02/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	11-2608	CASA-11-10809	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

Chromium Investigation Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	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	03/05/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0356	—	—	0.015	mg/L	Y	J	J	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0266	—	—	0.015	mg/L	Y	J	J	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.025	—	—	0.015	mg/L	Y	J	J	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.119	—	—	0.015	mg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.144	—	—	0.015	mg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0329	—	—	0.015	mg/L	Y	J	U	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0371	—	—	0.015	mg/L	Y	J	U	11-2608	CASA-11-10806	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	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.8	—	—	0.067	µg/L	Y	—	NQ	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.84	—	—	0.067	µg/L	Y	—	NQ	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.6	—	—	0.067	µg/L	Y	—	NQ	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.36	—	—	0.067	µg/L	Y	—	NQ	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.37	—	—	0.067	µg/L	Y	—	NQ	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.57	—	—	0.067	µg/L	Y	—	NQ	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.6	—	—	0.067	µg/L	Y	—	NQ	11-2608	CASA-11-10806	GELC
SCI-2	548	05/23/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.99	—	—	1	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	Vanadium	V	Y	1.91	—	—	1	µg/L	Y	J	J	12-1318	CASA-12-14067	GELC
SCI-2	548	03/05/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.76	—	—	1	µg/L	Y	J	J	12-1053	CASA-12-11716	GELC
SCI-2	548	03/05/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.62	—	—	1	µg/L	Y	J	J	12-1053	CASA-12-11740	GELC
SCI-2	548	11/14/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	12-331	CASA-12-1378	GELC
SCI-2	548	08/11/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-3176	CASA-11-24768	GELC
SCI-2	548	08/11/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-3176	CASA-11-24766	GELC
SCI-2	548	06/02/11	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	N	1.12	—	—	1	µg/L	Y	J	U	11-2608	CASA-11-10808	GELC
SCI-2	548	06/02/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	1.78	—	—	1	µg/L	Y	J	U	11-2608	CASA-11-10806	GELC

Appendix D

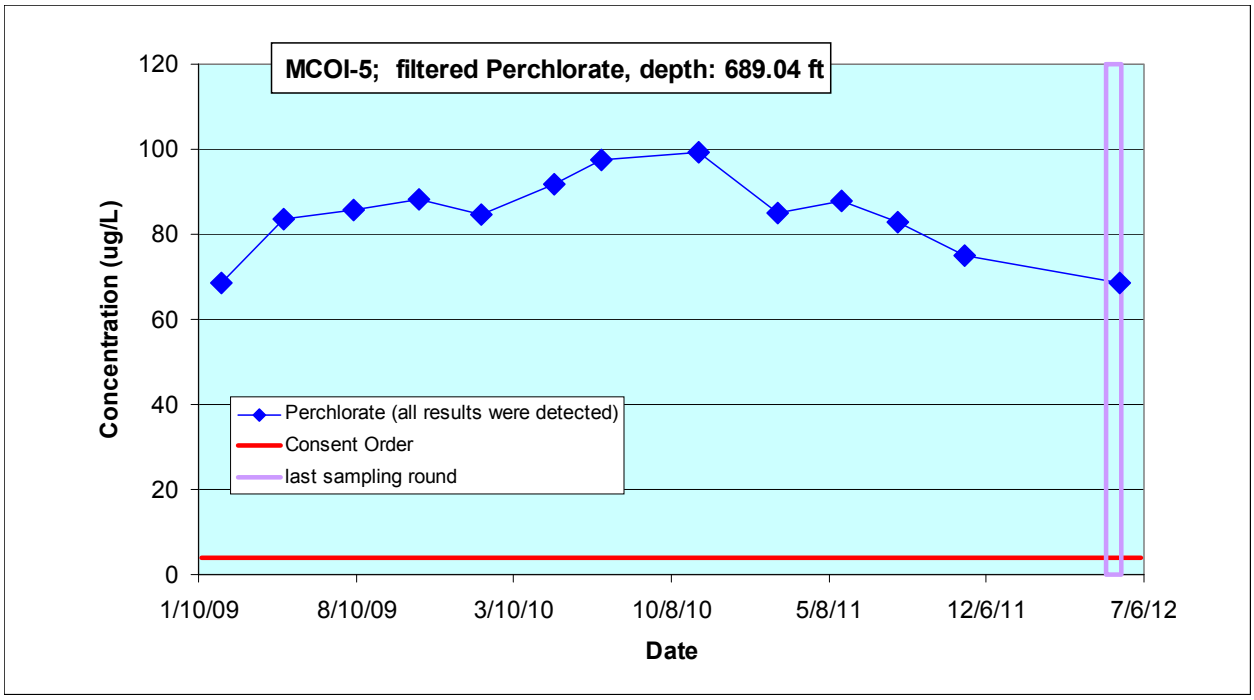
Groundwater Results Greater Than Half of Screening Levels

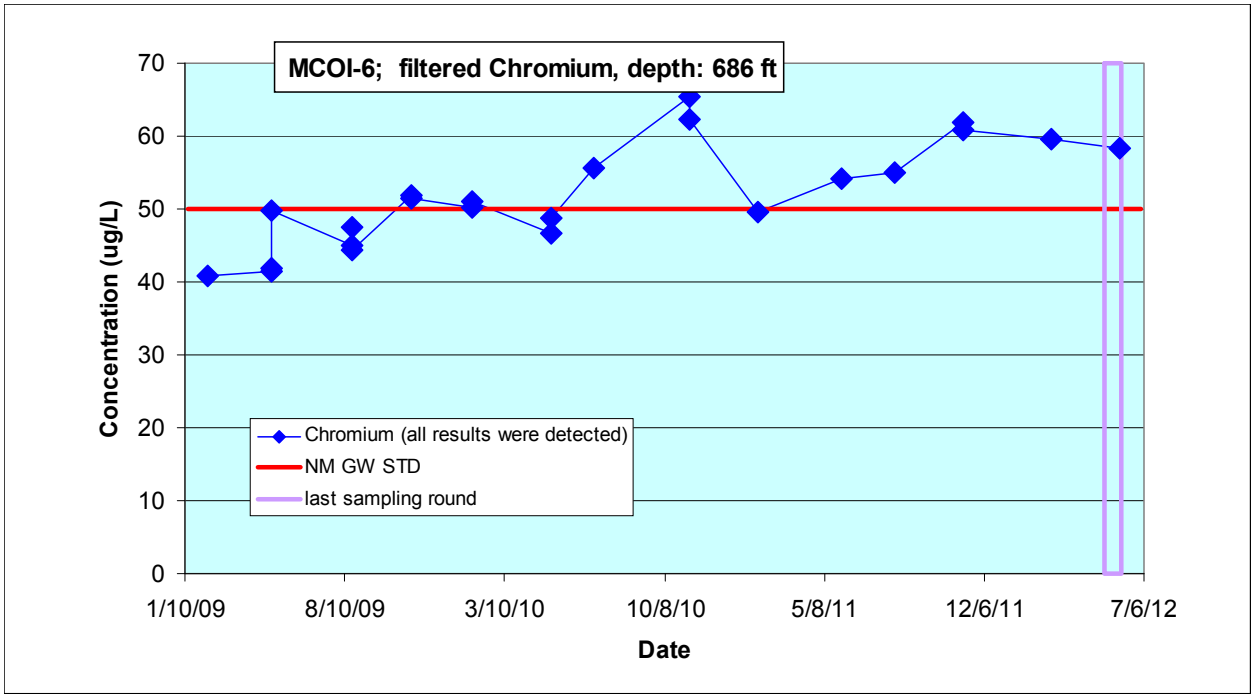
Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Intermediate	MCOI-6	686	06/04/12	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F[a]	INIT[b]	REG[c]	Y[d]	8.33	0.17	mg/L	10	—[e]	NQ[f]	NQ	Y	EPA:353.2	GELC[g]	10	EPA MCL[h]	0.83
Regional	R-11	855	05/21/12	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.85	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.59
Regional	R-42	931.8	05/23/12	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	6.08	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.61
Regional	R-43 S1	903.9	05/22/12	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.14	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.51
Intermediate	MCOI-5	689.04	06/04/12	General Chemistry	Perchlorate	ClO4	F	INIT	REG	Y	68.7	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	17.18
Intermediate	MCOI-6	686	06/04/12	General Chemistry	Perchlorate	ClO4	F	INIT	REG	Y	59.4	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	14.85
Regional	R-15	958.6	05/29/12	General Chemistry	Perchlorate	ClO4	F	INIT	REG	Y	7.76	0.5	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	1.94
Intermediate	MCOI-6	686	06/04/12	Metals	Chromium	Cr	F	INIT	REG	Y	58.4	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD[i]	1.17
Intermediate	SCI-2	548	05/23/12	Metals	Chromium	Cr	F	INIT	FD[j]	Y	433	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	8.66
Intermediate	SCI-2	548	05/23/12	Metals	Chromium	Cr	F	INIT	REG	Y	440	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	8.80
Regional	R-28	934.3	05/24/12	Metals	Chromium	Cr	F	INIT	REG	Y	351	2	µg/L	1	—	J+[k]	I6b[l]	Y	SW-846:6020	GELC	50	NMWQCC GW STD	7.02
Regional	R-42	931.8	05/23/12	Metals	Chromium	Cr	F	INIT	REG	Y	894	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	17.88
Regional	R-43 S1	903.9	05/22/12	Metals	Chromium	Cr	F	INIT	REG	Y	34.5	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.69
Regional	R-50 S1	1077	05/31/12	Metals	Chromium	Cr	F	INIT	REG	Y	98.3	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.97
Regional	R-62	1158.4	06/06/12	Metals	Chromium	Cr	F	INIT	REG	Y	135	10	µg/L	5	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.70
Regional	R-62	1158.4	06/06/12	Metals	Chromium	Cr	F	INIT	FD	Y	129	10	µg/L	5	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.58
Intermediate	MCOI-5	689.04	06/04/12	SVOC[m]	Dioxane[1,4-]	123-91-1	UF[n]	INIT	REG	Y	4.41	3	µg/L	1	J[o]	J[p]	J_LAB[q]	N[r]	SW-846:8270C	GELC	6.7	EPA TAP SCRN LVL[s]	0.66
Intermediate	MCOI-5	689.04	06/04/12	SVOC	Dioxane[1,4-]	123-91-1	UF	RE[t]	REG	Y	4.45	3.13	µg/L	1	J	J	J_LAB	Y	SW-846:8270C	GELC	6.7	EPA TAP SCRN LVL	0.66
Intermediate	MCOI-6	686	06/04/12	SVOC	Dioxane[1,4-]	123-91-1	UF	RE	REG	Y	11.2	3.13	µg/L	1	—	NQ	NQ	Y	SW-846:8270C	GELC	6.7	EPA TAP SCRN LVL	1.67
Intermediate	MCOI-6	686	06/04/12	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	9.26	3.13	µg/L	1	J	J	J_LAB	N	SW-846:8270C	GELC	6.7	EPA TAP SCRN LVL	1.38

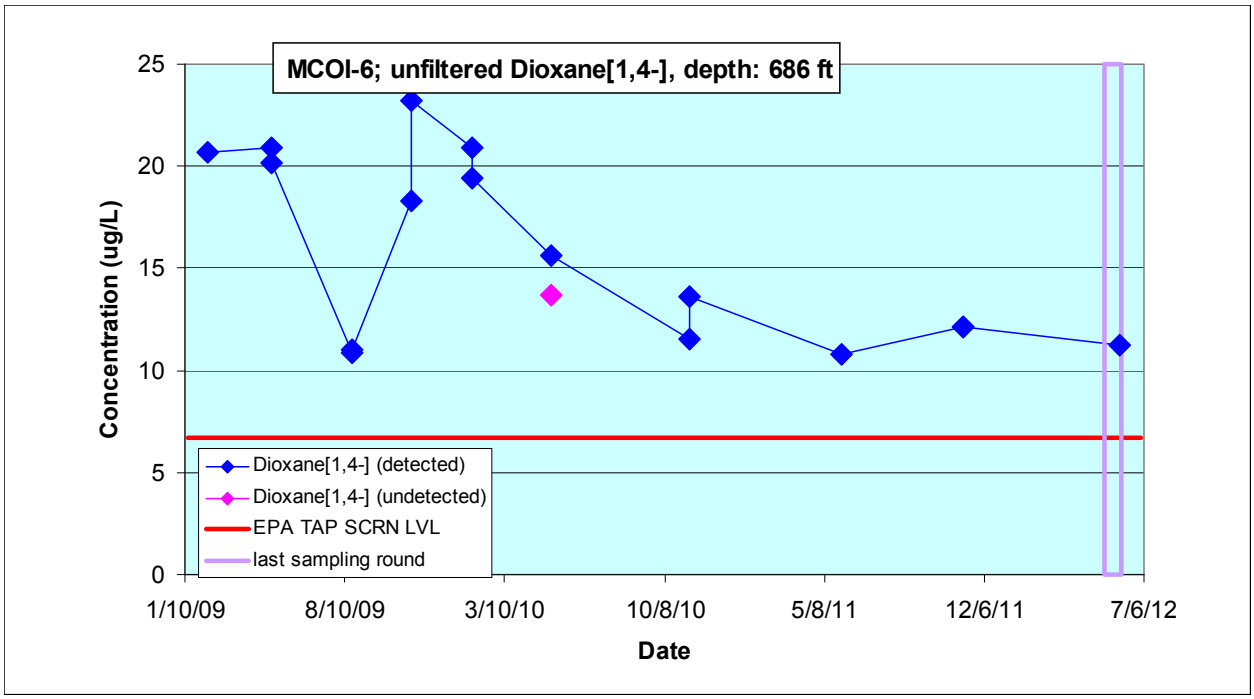
[a] F = Filtered.
[b] INIT = Initial.
[c] REG = Regular.
[d] Y = Yes.
[e] — = None.
[f] NQ = Not qualified.
[g] GELC = General Engineering Laboratories, Inc., Charleston, SC.
[h] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.
[i] NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.
[j] FD = Field duplicate.
[k] 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.
[l] I6b = The associated matrix spike recovery was above the upper acceptance limit. Follow the external laboratory limits located within the associated data package.
[m] SVOC = Semivolatile organic compound.
[n] UF = Unfiltered.
[o] In this column, J = The associated numerical value is an estimated quantity.
[p] In this column, J = The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
[q] 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.
[r] N = No.
[s] EPA TAP SCRN LVL= U.S. Environmental Protection Agency regional screening level for tap water.
[t] RE = Reanalysis.

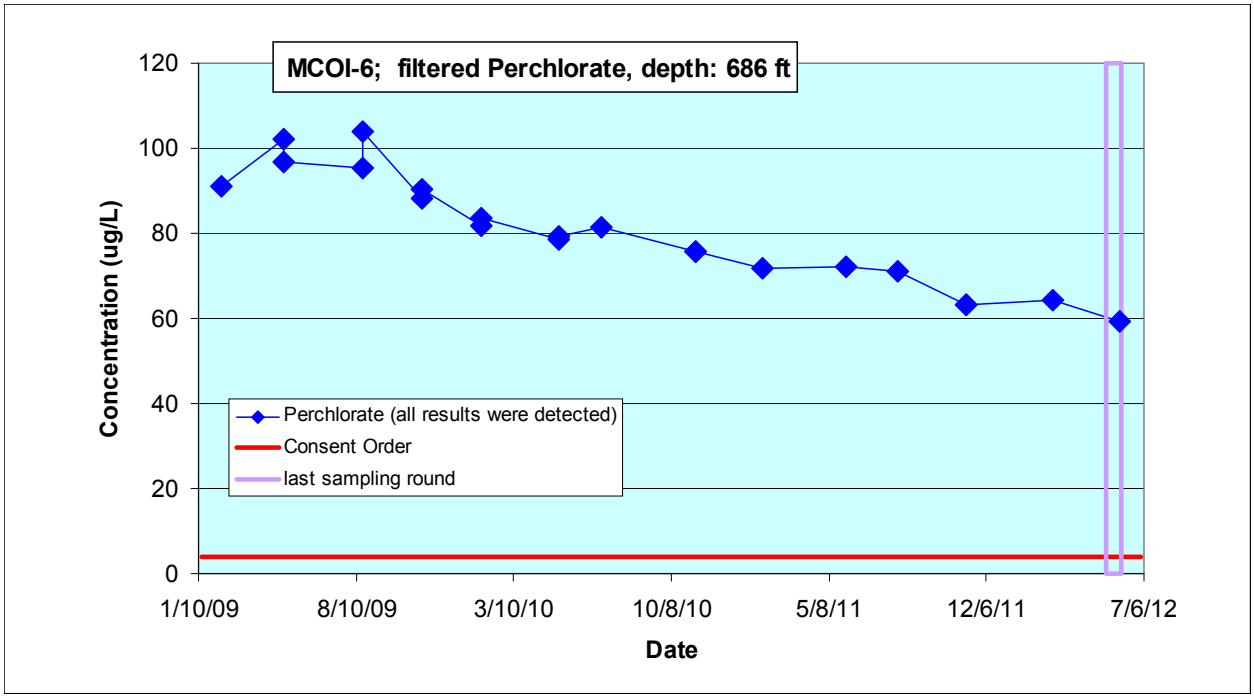
Appendix E

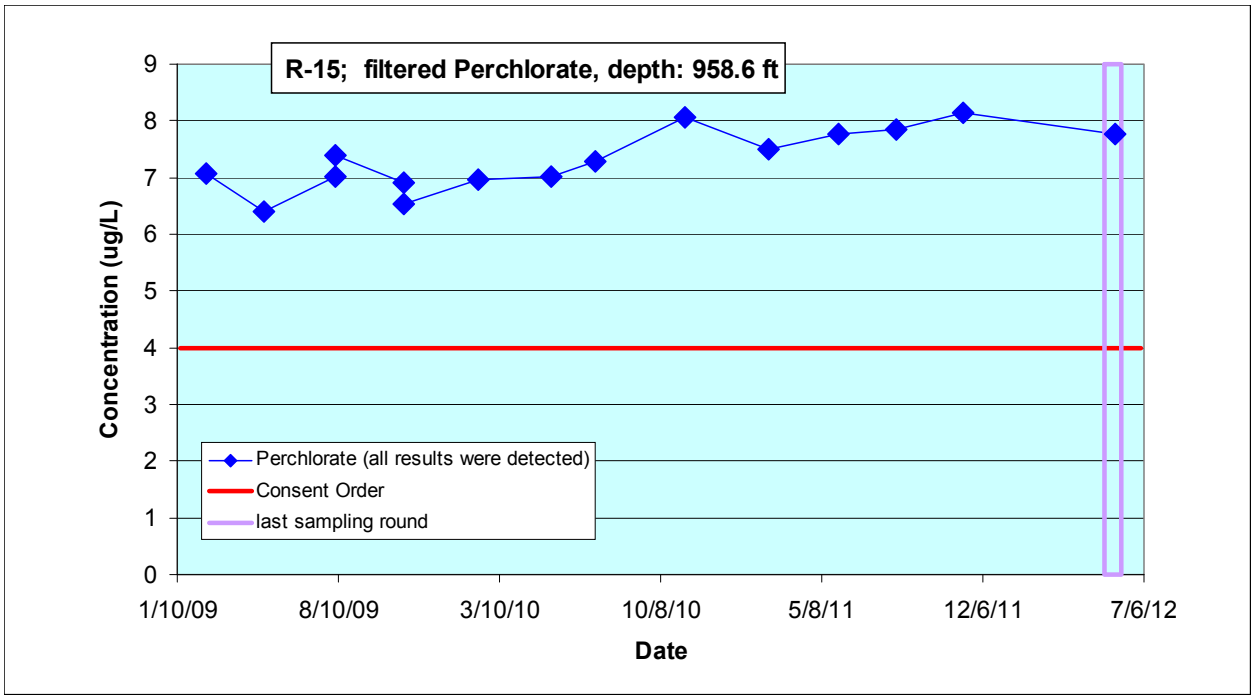
Analytical Chemistry Graphs of Screening-Level Exceedances

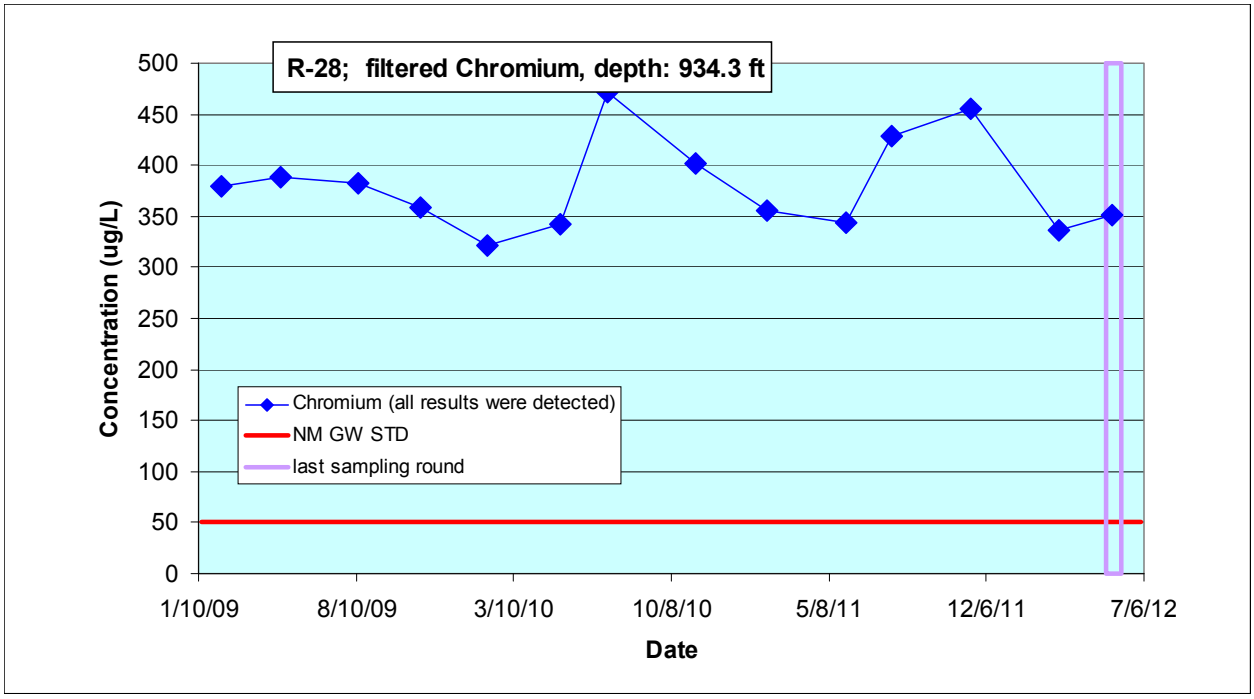

MCOI-5; filtered Perchlorate, depth: 689.04 ft
Concentration (ug/L)
120
100
80
60
40
20
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

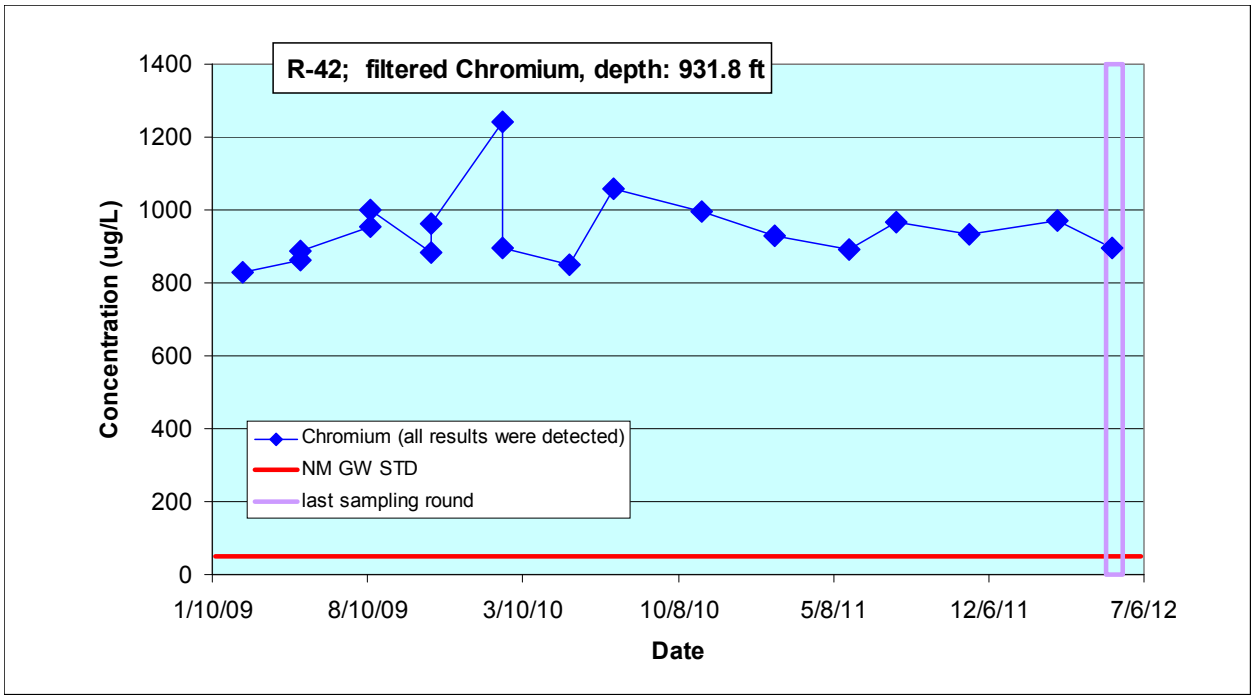

MCOI-6; filtered Chromium, depth: 686 ft
Concentration (ug/L)
70
60
50
40
30
20
10
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Chromium (all results were detected)
NM GW STD
last sampling round

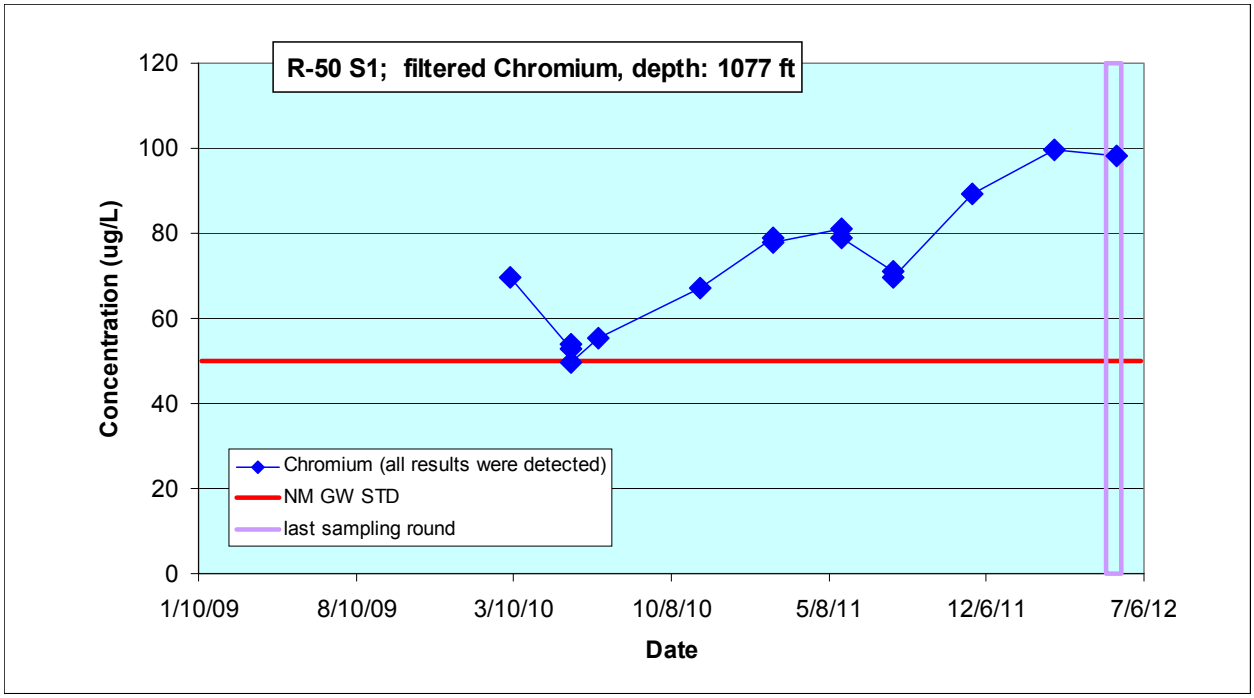

MCOI-6; unfiltered Dioxane[1,4-], depth: 686 ft
Concentration (ug/L)
25
20
15
10
5
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Dioxane[1,4-] (detected)
Dioxane[1,4-] (undetected)
EPA TAP SCRN LVL
last sampling round

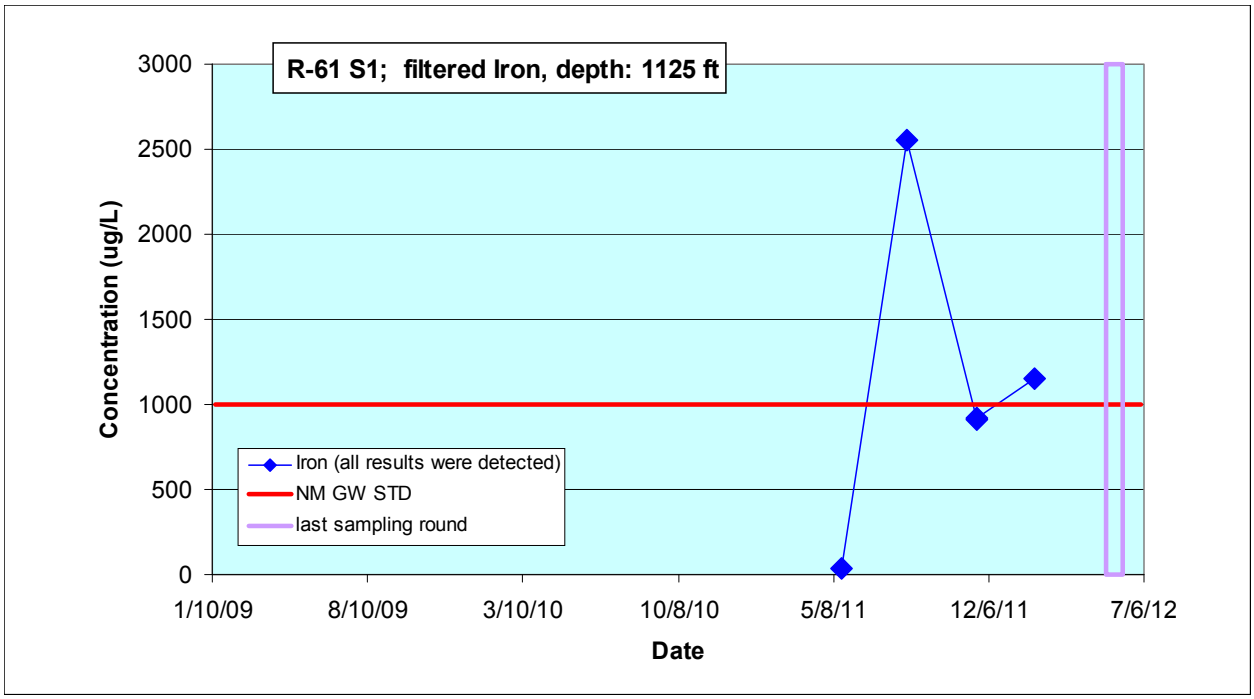

MCOI-6; filtered Perchlorate, depth: 686 ft
Concentration (ug/L)
120
100
80
60
40
20
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

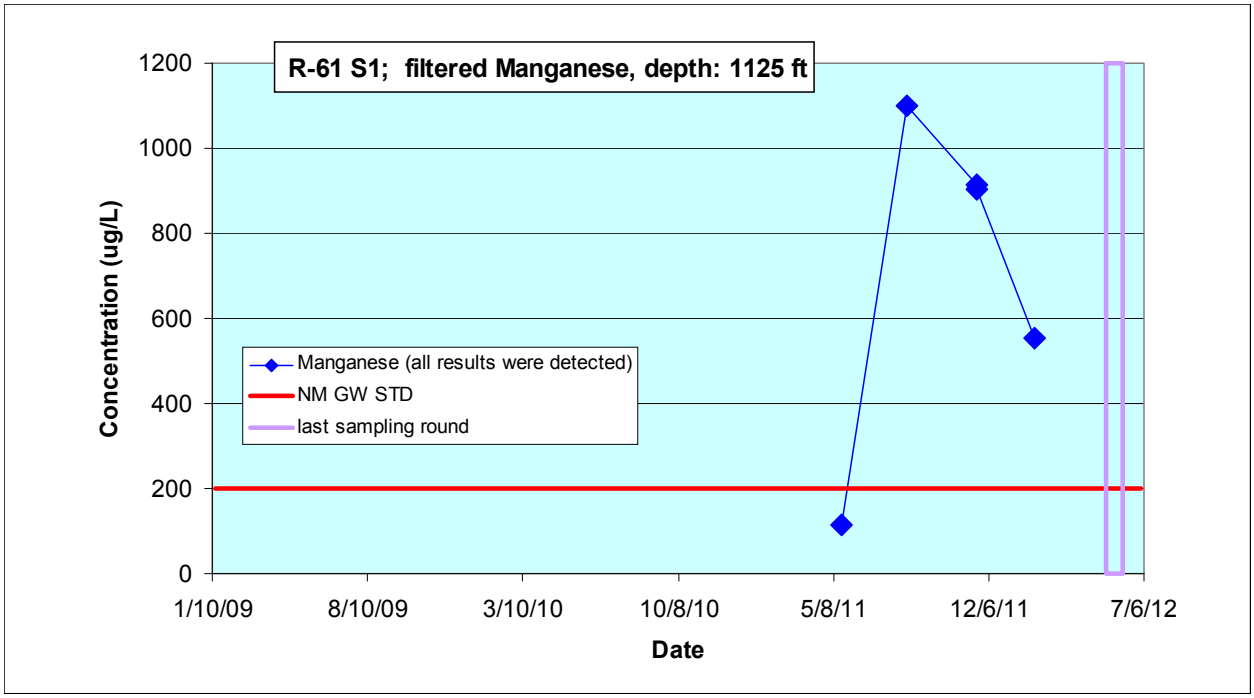

R-15; filtered Perchlorate, depth: 958.6 ft
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
9
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

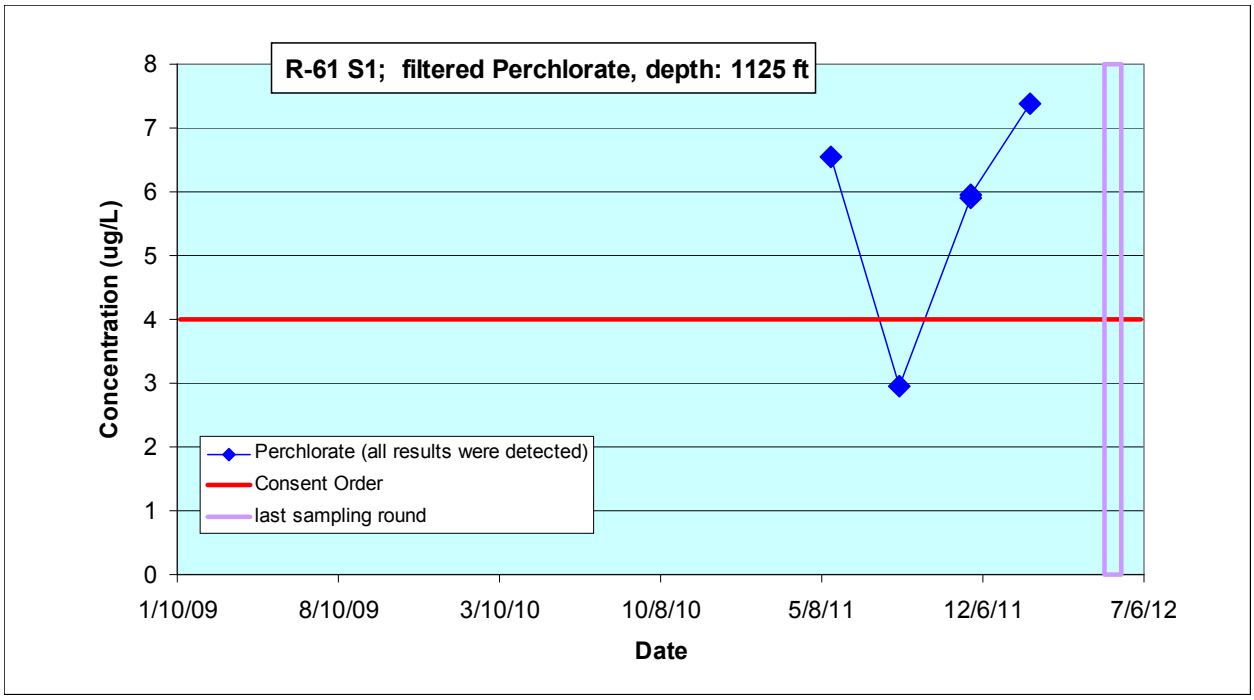

R-28; filtered Chromium, depth: 934.3 ft
Concentration (ug/L)
0
50
100
150
200
250
300
350
400
450
500
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Chromium (all results were detected)
NM GW STD
last sampling round

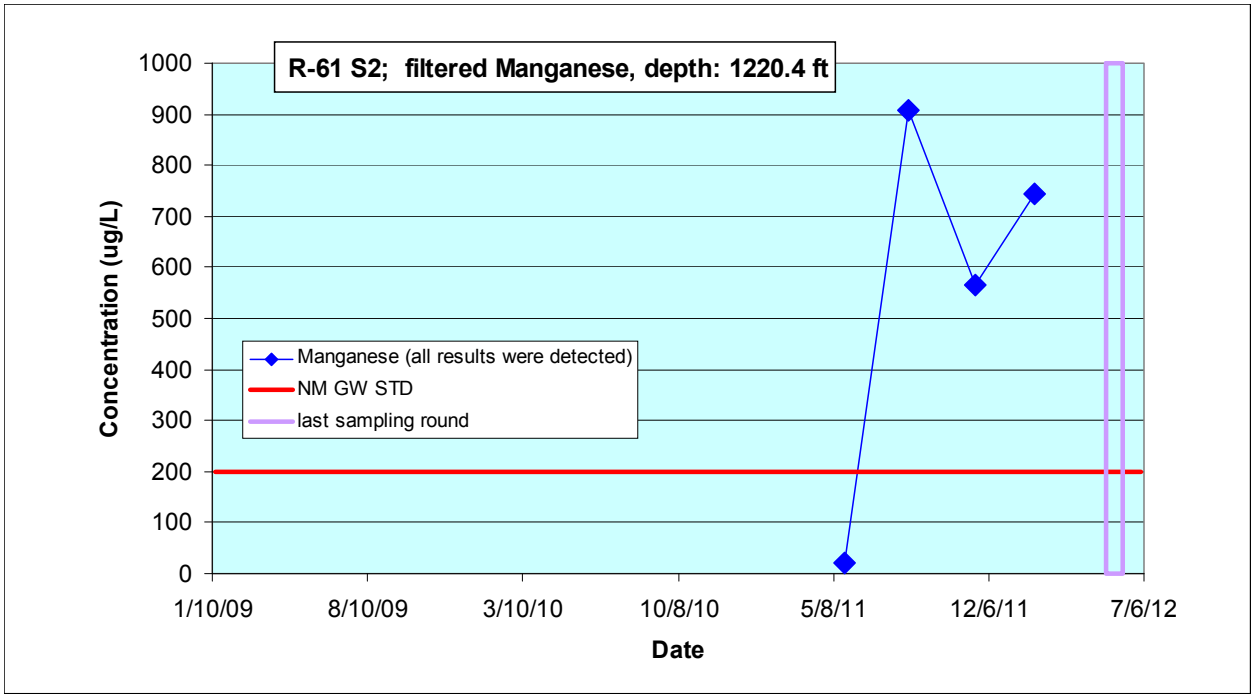

R-42; filtered Chromium, depth: 931.8 ft
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Chromium (all results were detected)
NM GW STD
last sampling round

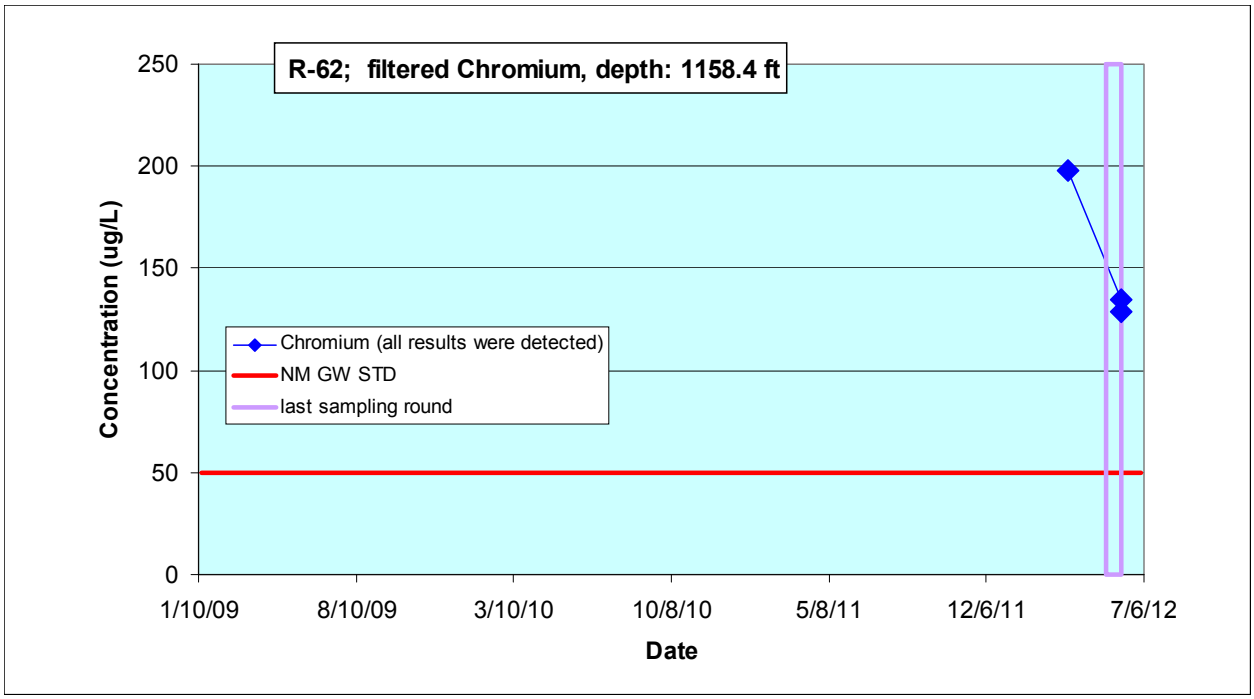

R-50 S1; filtered Chromium, depth: 1077 ft
Concentration (ug/L)
120
100
80
60
40
20
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Chromium (all results were detected)
NM GW STD
last sampling round

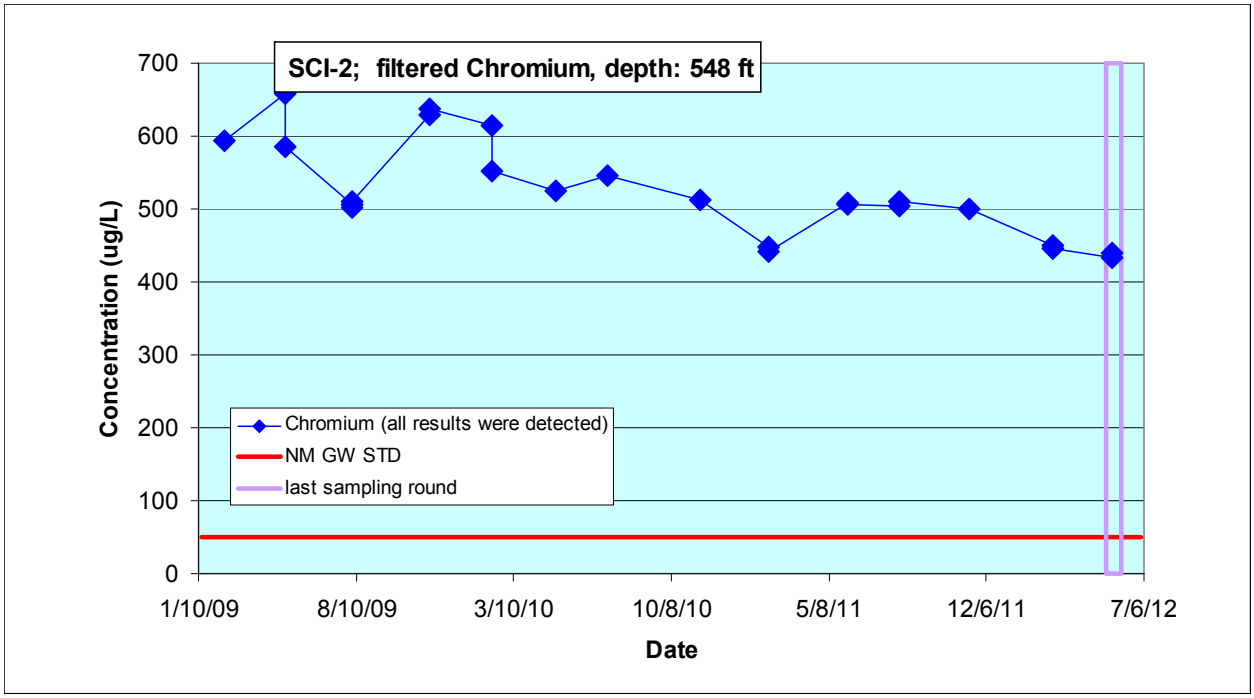

R-61 S1; filtered Iron, depth: 1125 ft
Concentration (ug/L)
3000
2500
2000
1500
1000
500
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Iron (all results were detected)
NM GW STD
last sampling round


R-61 S1; filtered Manganese, depth: 1125 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Manganese (all results were detected)
NM GW STD
last sampling round


R-61 S1; filtered Perchlorate, depth: 1125 ft
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Perchlorate (all results were detected)
Consent Order
last sampling round


R-61 S2; filtered Manganese, depth: 1220.4 ft
Concentration (ug/L)
0
100
200
300
400
500
600
700
800
900
1000
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Manganese (all results were detected)
NM GW STD
last sampling round


R-62; filtered Chromium, depth: 1158.4 ft
Concentration (ug/L)
250
200
150
100
50
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Chromium (all results were detected)
NM GW STD
last sampling round


SCI-2; filtered Chromium, depth: 548 ft
Concentration (ug/L)
700
600
500
400
300
200
100
0
1/10/09
8/10/09
3/10/10
10/8/10
5/8/11
12/6/11
7/6/12
Date
Chromium (all results were detected)
NM 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)
12-1311	INORGANIC	GELC[a]	CASA-12-14065	05/21/2012	SCI-1	358.4	377.9
12-1311	INORGANIC	GELC	CASA-12-14057	05/21/2012	R-11	855	877.9
12-1311	INORGANIC	GELC	CASA-12-14060	05/21/2012	SCI-1	358.4	377.9
12-1311	INORGANIC	GELC	CASA-12-14062	05/21/2012	R-11	855	877.9
12-1314	INORGANIC	GELC	CAMO-12-14012	05/22/2012	R-45 S1	880	890
12-1314	INORGANIC	GELC	CAMO-12-14013	05/22/2012	R-45 S2	974.9	994.9
12-1314	INORGANIC	GELC	CAMO-12-14027	05/22/2012	R-45 S1	880	890
12-1314	INORGANIC	GELC	CAMO-12-14028	05/22/2012	R-45 S2	974.9	994.9
12-1315	INORGANIC	GELC	CASA-12-14064	05/22/2012	R-43 S2	969.1	979.1
12-1315	INORGANIC	GELC	CASA-12-14058	05/22/2012	R-43 S1	903.9	924.6
12-1315	INORGANIC	GELC	CASA-12-14059	05/22/2012	R-43 S2	969.1	979.1
12-1315	INORGANIC	GELC	CASA-12-14063	05/22/2012	R-43 S1	903.9	924.6
12-1318	INORGANIC	GELC	CASA-12-14066	05/23/2012	SCI-2	548	568
12-1318	INORGANIC	GELC	CASA-12-14067	05/23/2012	SCI-2	548	568
12-1318	INORGANIC	GELC	CASA-12-14061	05/23/2012	SCI-2	548	568
12-1318	INORGANIC	GELC	CASA-12-14068	05/23/2012	SCI-2	548	568
12-1319	INORGANIC	GELC	CAMO-12-14024	05/23/2012	R-42	931.8	952.9
12-1319	INORGANIC	GELC	CAMO-12-14009	05/23/2012	R-42	931.8	952.9
12-1321	INORGANIC	GELC	CAMO-12-14023	05/24/2012	R-28	934.3	958.1
12-1321	INORGANIC	GELC	CAMO-12-14025	05/24/2012	R-44 S1	895	905
12-1321	INORGANIC	GELC	CAMO-12-14026	05/24/2012	R-44 S2	985.3	995.2
12-1321	INORGANIC	GELC	CAMO-12-14008	05/24/2012	R-28	934.3	958.1
12-1321	INORGANIC	GELC	CAMO-12-14010	05/24/2012	R-44 S1	895	905
12-1321	INORGANIC	GELC	CAMO-12-14011	05/24/2012	R-44 S2	985.3	995.2
12-1324	INORGANIC	GELC	CAMO-12-14022	05/29/2012	R-15	958.6	1020.3
12-1324	INORGANIC	GELC	CAMO-12-14007	05/29/2012	R-15	958.6	1020.3
12-1325	INORGANIC	GELC	CASA-12-17135	05/30/2012	R-36	766.9	789.9
12-1325	INORGANIC	GELC	CASA-12-17138	05/30/2012	R-36	766.9	789.9
12-1334	INORGANIC	GELC	CAMO-12-14014	05/31/2012	R-50 S1	1077	1087
12-1334	INORGANIC	GELC	CAMO-12-14015	05/31/2012	R-50 S2	1185	1205.6
12-1334	INORGANIC	GELC	CAMO-12-14029	05/31/2012	R-50 S1	1077	1087
12-1334	INORGANIC	GELC	CAMO-12-14030	05/31/2012	R-50 S2	1185	1205.6
12-1337	INORGANIC	GELC	CAMO-12-14075	06/04/2012	MCOI-5	689.04	699
12-1337	ORGANIC	GELC	CAMO-12-14070	06/04/2012	MCOI-5	689.04	699
12-1338	INORGANIC	GELC	CAMO-12-17124	06/04/2012	MCOI-5	689.04	699
12-1338	INORGANIC	GELC	CAMO-12-17129	06/04/2012	MCOI-5	689.04	699
12-1339	INORGANIC	GELC	CAMO-12-14021	06/04/2012	MCOI-6	686	708.3
12-1339	INORGANIC	GELC	CAMO-12-14006	06/04/2012	MCOI-6	686	708.3

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
12-1340	ORGANIC	GELC	CAMO-12-14071	06/04/2012	MCOI-6	686	708.3
12-1342	RAD[b]	ARSL[c]	CAMO-12-14014	05/31/2012	R-50 S1	1077	1087
12-1342	RAD	ARSL	CAMO-12-14015	05/31/2012	R-50 S2	1185	1205.6
12-1344	INORGANIC	GELC	CAMO-12-17126	06/05/2012	R-13	958.33	1018.7
12-1344	INORGANIC	GELC	CAMO-12-17131	06/05/2012	R-13	958.33	1018.7
12-1345	INORGANIC	GELC	CASA-12-17133	06/05/2012	R-35a	1013.1	1062.2
12-1345	INORGANIC	GELC	CASA-12-17136	06/05/2012	R-35a	1013.1	1062.2
12-1347	INORGANIC	GELC	CASA-12-17134	06/06/2012	R-35b	825.4	848.5
12-1347	INORGANIC	GELC	CASA-12-17137	06/06/2012	R-35b	825.4	848.5
12-1349	INORGANIC	GELC	CAMO-12-13999	06/06/2012	R-62	1158.4	1179.1
12-1349	INORGANIC	GELC	CAMO-12-14000	06/06/2012	R-62	1158.4	1179.1
12-1349	INORGANIC	GELC	CAMO-12-14033	06/06/2012	R-62	1158.4	1179.1
12-1349	INORGANIC	GELC	CAMO-12-14018	06/06/2012	R-62	1158.4	1179.1
12-1349	ORGANIC	GELC	CAMO-12-13999	06/06/2012	R-62	1158.4	1179.1
12-1349	ORGANIC	GELC	CAMO-12-14018	06/06/2012	R-62	1158.4	1179.1
12-1349	RAD	GELC	CAMO-12-13999	06/06/2012	R-62	1158.4	1179.1
12-1349	RAD	GELC	CAMO-12-14018	06/06/2012	R-62	1158.4	1179.1
12-1361	RAD	ARSL	CAMO-12-13999	06/06/2012	R-62	1158.4	1179.1
12-1361	RAD	ARSL	CAMO-12-14018	06/06/2012	R-62	1158.4	1179.1

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

[b] RAD = Radiochemistry (not gamma).

[c] ARSL = American Radiation Services, Inc..