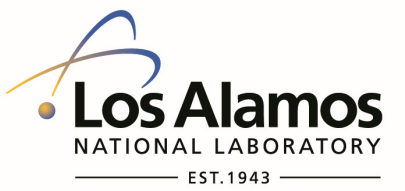
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EP2014-0491

Periodic Monitoring Report for Chromium Investigation Monitoring Group, July 8–July 25, 2014



Prepared by the Environmental Programs Directorate

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EP2014-0491

Periodic Monitoring Report for Chromium Investigation Monitoring Group, July 8–July 25, 2014

November 2014

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the fiscal year 2014, fourth quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Chromium Investigation monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year, October 2013–September 2014, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from July 8 to July 25, 2014, and included the monitoring of groundwater wells and well screens. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of a PME are also included in this report.

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

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

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

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Acronyms and Abbreviations

amsl	above mean sea level
AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCS	Derived Concentration Technical Standard (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
gpm	gallons per minute
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDL	method detection limit
N	no (best value flag code)
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NM HH OO	Human health organism only, New Mexico surface-water standards
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
SWMU	solid waste management unit
TA	technical area
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of fiscal year 2014, fourth quarter, quarterly groundwater monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Chromium Investigation monitoring group. Monitoring was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year, October 2013–September 2014 (2014 IFGMP) (LANL 2013, 241962), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from July 8 to July 25, 2014, and included sampling of groundwater wells and well screens.

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

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

This report presents the following information:

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

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

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

Sandia Canyon heads on Laboratory property within Technical Area 03 (TA-03) at an elevation of approximately 7300 ft and trends east-southeast across the Laboratory, Bandelier National Monument, and San Ildefonso Pueblo. Sandia Canyon empties into the Rio Grande in White Rock Canyon at an elevation of 5450 ft. The area of the Sandia Canyon watershed is approximately 5.5 mi^2. Perennial stream flow and saturated alluvial groundwater conditions occur in the upper and middle portions of the canyon

system because sanitary wastewater and cooling tower effluent discharge to the canyon from operating facilities. A wetland of approximately 7 acres has developed as a result of the effluent discharge. The only known perennial spring in the watershed (Sandia Spring) is located in lower Sandia Canyon near the Rio Grande. TAs located in the Sandia Canyon watershed include TA-03, TA-53, TA-60, TA-61, TA-72, and former TA-20. A total of 264 solid waste management units (SWMUs) and areas of concern (AOCs) are located within the portions of these TAs in the Sandia Canyon watershed.

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

Chromium concentrations exceed the NMED groundwater standard in Mortandad Canyon regional aquifer wells R-28, R-62, R-42, R-43, and R-50. The primary source of chromium is chromated water discharged from the TA-03 power plant cooling tower that occurred from 1956 to 1972. Perchlorate exceeds the Consent Order screening level of 4 µg/L in wells R-15 and R-61. The primary source of perchlorate is effluent discharged from the TA-50 RLWTF. Other constituents detected above background in wells in the monitoring group include nitrate and tritium. A conceptual model for the sources and distribution of these contaminants is presented in the Investigation Report for Sandia Canyon (LANL 2009, 107453) and the Phase II Investigation Report for Sandia Canyon (LANL 2012, 228624).

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

2.0 SCOPE OF ACTIVITIES

The PME for the Chromium Investigation monitoring group was conducted pursuant to the 2014 IFGMP (LANL 2013, 241962).

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

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2014 IFGMP (LANL 2013, 241962).

3.2 Field Parameter Results

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

3.3 Groundwater Elevations

The periodic monitoring water-level data for the previous 2 yr are presented in Appendix B (on CD included with this document). For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements were recorded immediately before sampling. The groundwater-elevation measurements are shown graphically on Plate 1. No surface-water locations are sampled for this monitoring group.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PME. Table 3.4-2 presents a list of analytes for which the method detection limits (MDLs) 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 2014 IFGMP (LANL 2013, 241962). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.3, Land Application of Groundwater. ENV-RCRA-QP-010.3 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling of purge water.

All sampling, data reviews, and data package validations were conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance program. The procedures are listed at http://www.lanl.gov/community-environment/environmental-stewardship/plans-procedures.php and are available at eprr.lanl.gov. Completed chain-of-custody forms serve as analytical request forms and include the requester or owner, sample number, program code, date and time of sample collection, total number of bottles, list of analytes to be measured, bottle sizes, and preservatives for each required analysis.

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

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

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

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

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

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

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

4.2 Analytical Data

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

Appendix C contains all data collected during the PME (i.e., all data that have been independently reviewed for conformance with Laboratory requirements) with the following constraints.

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

Multiple analyses of a sample, including dilutions and reanalyses, create redundant results. These multiple results have the same sample ID, analytical laboratory code, and analytical method. The analytical and validation information is used to designate the preferred result, which is marked with a best value flag of "Y" (yes). The redundant values of lower quality are assigned a best value flag of "N" (no). In cases where a reanalysis gives a significantly different result than an earlier value, the original result may be rejected and assigned a best value flag of N, and the reanalysis result may be marked with a best value flag of Y. The best value flag is included in Appendix C.

Data for PMRs are evaluated using the following screening process. The sources of screening levels with which the results are compared are listed in Table 4.2-1.

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral. Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 to 2010 at each location. Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to Groundwater Cleanup Levels described in Section VIII.A.1 of the Consent Order; for an individual substance, the lesser of the EPA MCL or the NMWQCC groundwater standard is used.
- If an NMWQCC standard or an MCL has not been established for a specific substance for which toxicological information is published, the EPA Regional Screening Levels for Tap Water (formerly Region 6 Screening Levels for Tap Water) are used as the Groundwater Cleanup Level. These screening levels are for either a cancer- or noncancer-risk type. The Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used for screening. This report was prepared using the May 2014 EPA regional screening levels.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Technical Standards (DCSs) 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. Appendix E contains all locations where screening levels were exceeded, not just those scheduled to be sampled during this PME. Concentrations of the analyte are plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels. Results with a best value flag of N are not included in Appendix E.

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

4.2.1 Surface Water (Base Flow)

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

4.2.2 Groundwater

No results from previous sampling of PME monitoring locations are reported in this PMR.

For the current PME, the filtered perchlorate concentration for intermediate groundwater well MCOI-6 was 60.1 µg/L, above the Consent Order screening level of 4 µg/L. This MCOI-6 result was in the primary sample, with a concentration of 58.9 µg/L in a field duplicate. Concentrations at MCOI-6 since 2007 have decreased from 190 µg/L to a recent result of 56.3 µg/L.

In MCOI-6, the filtered chromium concentration in a field duplicate of 80.9 µg/L was above the NMWQCC groundwater standard screening level of 50 µg/L, as was the primary sample concentration of 80.1 µg/L. Concentrations have increased from 29.4 µg/L to a maximum of 81.3 µg/L since 2007.

The filtered chromium result of 386 µg/L at intermediate well SCI-2 was above the NMWQCC groundwater standard screening level of 50 µg/L. Results since October of 2008 have generally decreased from 658 µg/L to a recent low of 368 µg/L.

The perchlorate concentration in regional aquifer well R-61 S1 (screen 1) of 8.47 µg/L was above the Consent Order screening level of 4 µg/L. Earlier measurements range from 2.96 µg/L to 8.67 µg/L.

In regional well R-28, the filtered chromium concentration was 362 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 972 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Other concentrations measured since 2008 range from 744 µg/L to 1240 µg/L.

At regional aquifer well R-43 S1 (screen 1), the filtered chromium concentration in the primary sample was 78.8 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. The concentration in the field duplicate was 75.2 µg/L. Chromium concentrations have risen steadily from the first nondetected results in late 2008. The current results are the highest measured at the screen.

The filtered chromium concentration from regional aquifer well R-50 S1 (screen 1) was 106 µg/L, above the NMWQCC groundwater standard screening level of 50 µg/L. Values from earlier sampling events range from 49.8 µg/L to 126 µg/L.

4.3 Sampling Program Modifications

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

R-61 was redeveloped in October 2012. Following redevelopment, samples collected from screen 1 showed mitigated reducing conditions and more representative geochemistry. However, samples from screen 2 continued to show elevated concentrations of dissolved iron and manganese, indicating persistent reducing conditions in the vicinity of this screen. Sampling of R-61 screen 2 was discontinued for quarters 3 and 4 of monitoring year 2014 because of the continued reducing conditions at this screen.

In June 2014, the Laboratory provided a report, “Evaluation of Regional Well R-61” (LANL 2014, 257586) to NMED that included an extensive review of post-redevelopment data from R-61 screen 1 to assess whether data from this screen are representative and sufficient to support ongoing monitoring for the Chromium Investigation monitoring group. The report recommended that R-61 screen 1 be retained in the monitoring network as a single-screen well, with an extended purging protocol to improve representativeness of samples. R-61 screen 1 continues to be sampled quarterly using an extended purge protocol, while R-61 screen 2 is no longer sampled.

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

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

5.3 Data Gaps

Table 3.4-1 summarizes the field deviations encountered during the PME. The table also provides a detailed account of sampling event 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), September 2012. "Phase II Investigation Report for Sandia Canyon," Los Alamos National Laboratory document LA-UR-12-24593, Los Alamos, New Mexico. (LANL 2012, 228624)

LANL (Los Alamos National Laboratory), May 2013. "Interim Facility-Wide Groundwater Monitoring Plan for the 2014 Monitoring Year, October 2013–September 2014," Los Alamos National Laboratory document LA-UR-13-23479, Los Alamos, New Mexico. (LANL 2013, 241962)

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

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

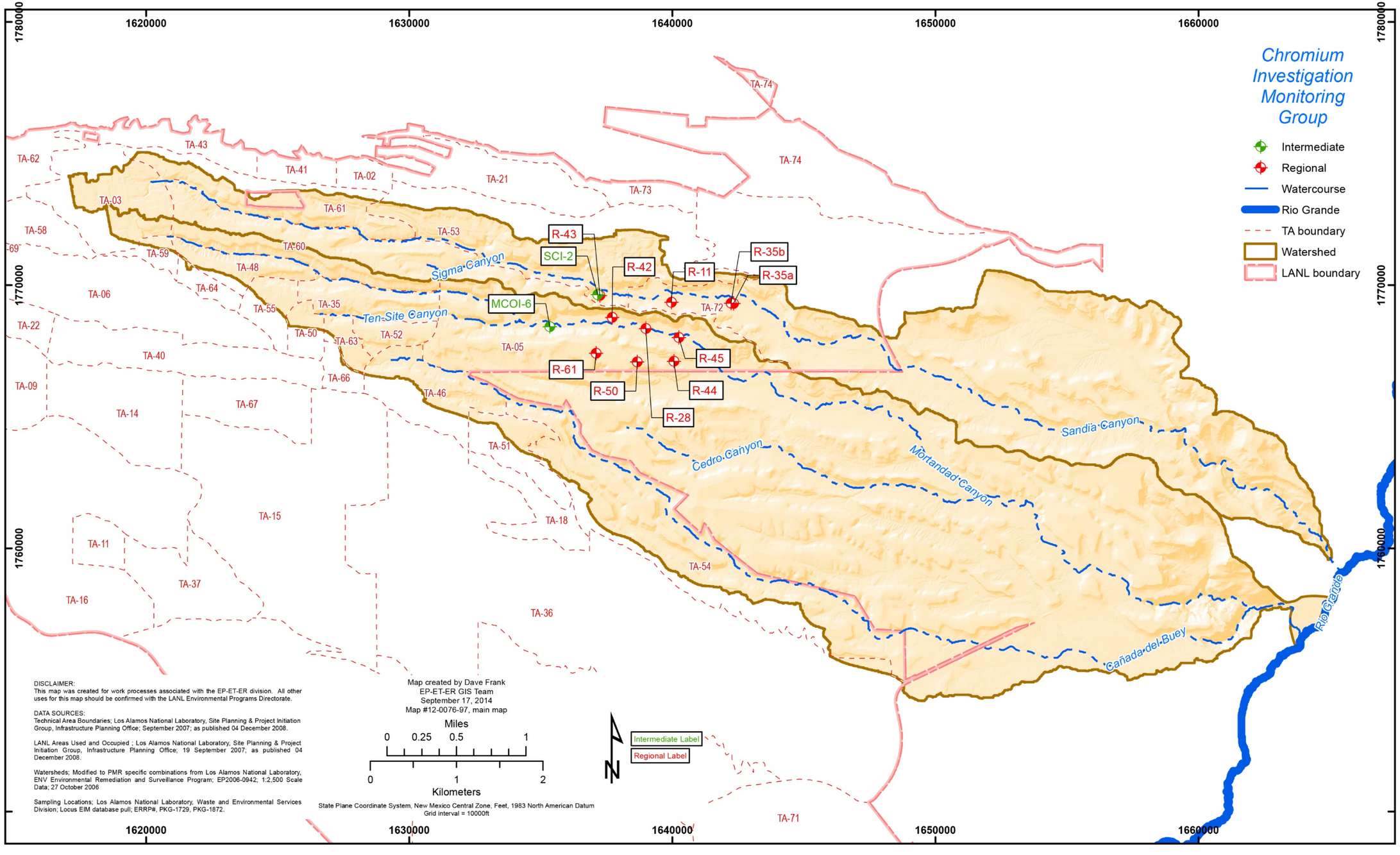


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1).

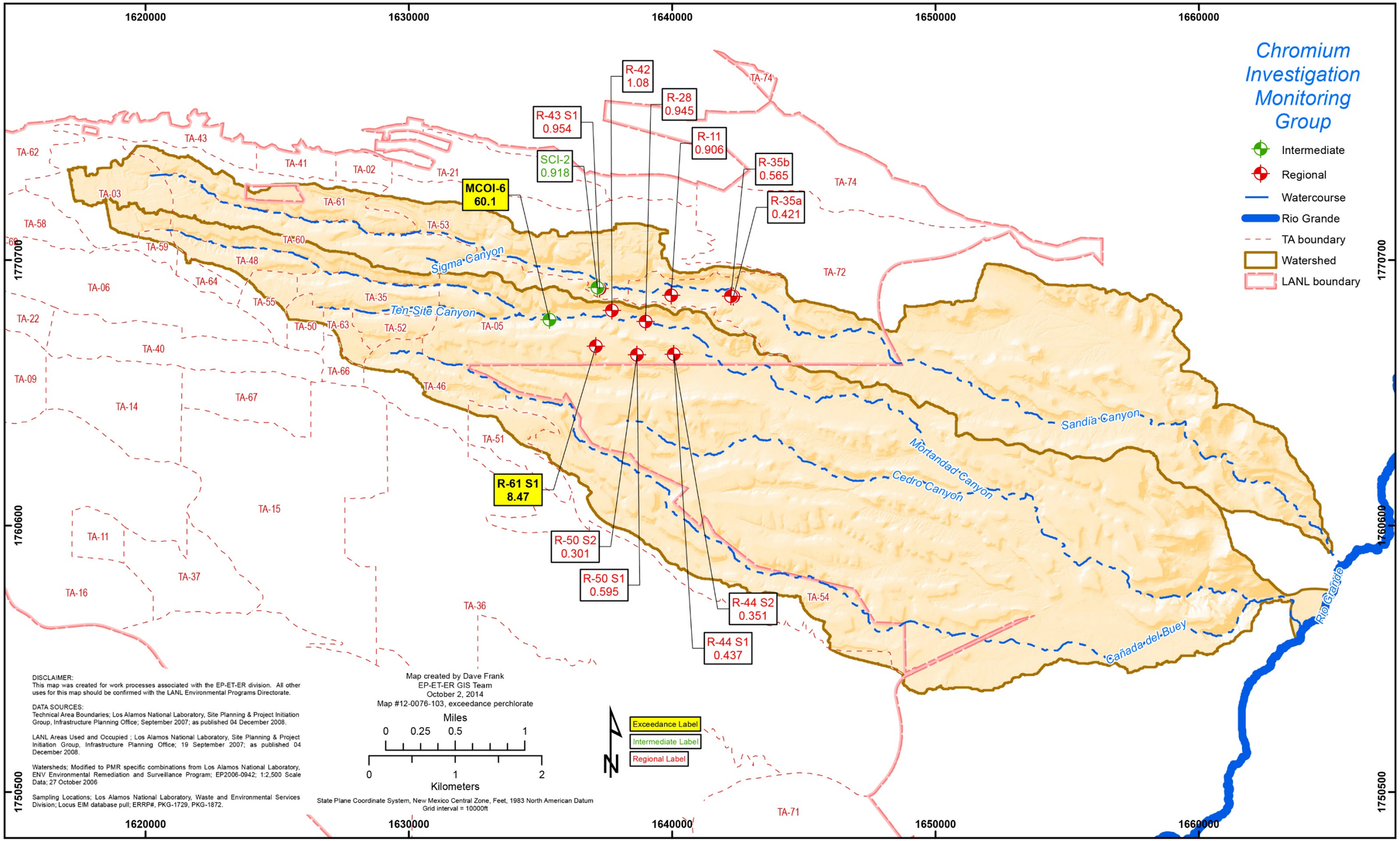


Figure 4.2-1 Monitoring group filtered perchlorate concentrations in µg/L. The Consent Order screening level is 4 µg/L.

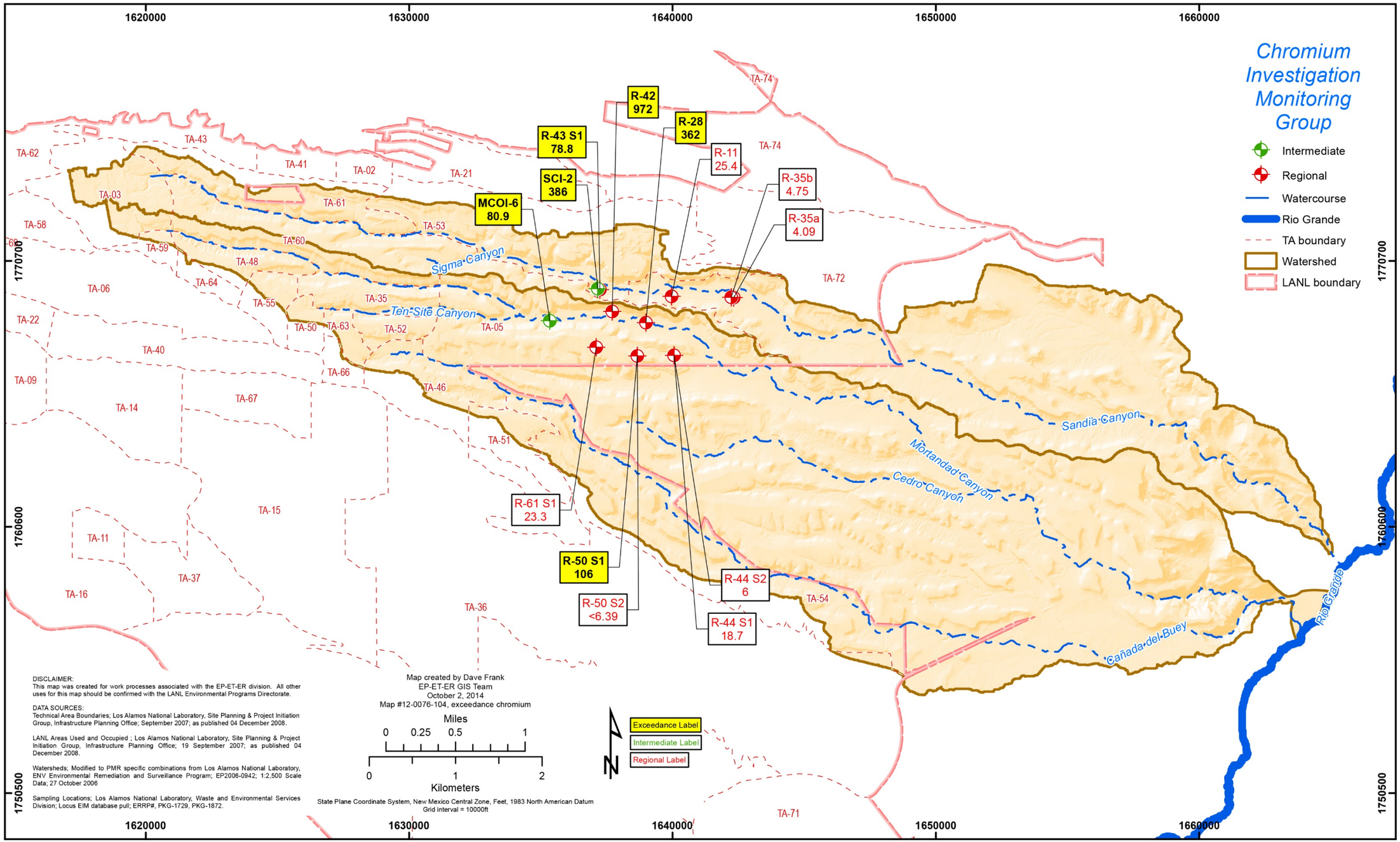


Figure 4.2-2 Monitoring group filtered chromium concentrations in µg/L. The NMWQCC groundwater standard screening level is 50 µg/L.

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

Location Name	Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge Rate (gpm[a])
Intermediate							
MCOI-6	07/08/14	22.3	686	708.3	45	135.5	1.51
SCI-2	07/30/14	20	548	568	6.18	77	1
Regional							
R-11	07/11/14	22.9	855	877.9	51.4	159.5	2.9
R-28	07/11/14	23.8	934.3	958.1	85.9	285	28.5
R-35a	07/18/14	49.1	1013.1	1062.2	239.5	721	3.9
R-35b	07/18/14	23.1	825.4	848.5	66.6	201.6	2.88
R-42	07/08/14	21.1	931.8	952.9	51.9	158	8.8
R-43 S1	07/15/14	20.7	903.9	924.6	66.1	284.6	9.44
R-43 S2	n/a[b]	10	969.1	979.1	n/a	n/a	n/a
R-44 S1	07/10/14	10	895	905	55.8	168	3.3
R-44 S2	07/10/14	9.9	985.3	995.2	76.4	231	3.3
R-45 S1	07/15/14	10	880	890	51	155	3.45
R-45 S2	07/15/14	20	974.9	994.9	91.8	276	3.33
R-50 S1	07/22/14	10	1077	1087	50	179.4	2.6
R-50 S2	07/24/14	20.6	1185	1205.6	96.5	291	1.7
R-61 S1	07/23/14	10	1125	1135	59.4	891	2.1
R-61 S2	n/a	20.6	1220.4	1241	n/a	n/a	n/a

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

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

Location	Deviation	Cause	Comment
SCI-2	Samples were collected outside the 21-day window for sampling all wells within a monitoring group and after the PME.	Repairs to the well prevented sampling during the scheduled PME.	Samples were collected on 7/30/14.
R-61 S2	No data are included in this report for this location.	Water from this screen is not representative at this time.	n/a*
R-43 S2	No data are included in this report for this location.	Chromium Project pump test activities prevented sampling at this location.	This location will be sampled during the next scheduled PME.

*n/a = Not applicable.

Table 3.4-2
Analytes with MDLs above Screening Levels

Analyte or CAS[a] No.	Analyte Name	MDL	PQL[b]	Screening Level	Unit	Screening-Level Type
Semivolatile Organic Compounds						
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	0.18	µg/L	NM HH OO[c]
50-32-8	Benzo(a)pyrene	0.2	1	0.18	µg/L	NM HH OO
205-99-2	Benzo(b)fluoranthene	0.2	1	0.18	µg/L	NM HH OO
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	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	0.28	µg/L	NM HH OO
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	2.9	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	0.0029	µg/L	NM HH OO
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.18	µg/L	NM HH OO
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
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
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
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

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

[a] CAS = Chemical Abstracts Service.

[b] PQL = Practical quantitation limit.

[c] NM HH OO = Human health organism only, New Mexico surface-water standards.

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

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 458.1	DOE BCGs	n/a[a]	X[b]
DOE Order 458.1	DOE 100-mrem Public Dose DCS	X	n/a
DOE Order 458.1	DOE 4-mrem Drinking Water DCS	X	n/a
40 CFR[c] 141	EPA Primary Drinking Water Standard	X	n/a
EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites	EPA Regional Screening Levels for Tap Water	X	n/a
20 NMAC.3.4	New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
20 NMAC 6.2	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-6	07/08/14	Perchlorate	F*	60.1	µg/L	4	Consent Order
MCOI-6	07/08/14	Chromium	F	80.9	µg/L	50	NMWQCC Groundwater Standard
SCI-2	07/30/14	Chromium	F	386	µg/L	50	NMWQCC Groundwater Standard
Regional Groundwater							
R-61 S1	07/23/14	Perchlorate	F	8.47	µg/L	4	Consent Order
R-28	07/11/14	Chromium	F	362	µg/L	50	NMWQCC Groundwater Standard
R-42	07/08/14	Chromium	F	972	µg/L	50	NMWQCC Groundwater Standard
R-43 S1	07/15/14	Chromium	F	78.8	µg/L	50	NMWQCC Groundwater Standard
R-50 S1	07/22/14	Chromium	F	106	µg/L	50	NMWQCC Groundwater Standard

*F = Filtered.

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-6	686	07/08/14	WG[a]	Dissolved Oxygen	6.96	mg/L	CAMO-14-83996
MCOI-6	686	05/13/14	WG	Dissolved Oxygen	7.01	mg/L	CAMO-14-75495
MCOI-6	686	01/17/14	WG	Dissolved Oxygen	6.9	mg/L	CAMO-14-49663
MCOI-6	686	11/07/13	WG	Dissolved Oxygen	6.9	mg/L	CAMO-14-45744
MCOI-6	686	07/09/13	WG	Dissolved Oxygen	6.95	mg/L	CAMO-13-36972
MCOI-6	686	07/08/14	WG	Flow (in gpm[b])	1.51	gpm	CAMO-14-83996
MCOI-6	686	05/13/14	WG	Flow (in gpm)	1.5	gpm	CAMO-14-75495
MCOI-6	686	01/17/14	WG	Flow (in gpm)	1.44	gpm	CAMO-14-49663
MCOI-6	686	11/09/11	WG	Flow (in gpm)	1.1	gpm	CAMO-12-1468
MCOI-6	686	08/10/11	WG	Flow (in gpm)	1.25	gpm	CAMO-11-24630
MCOI-6	686	07/08/14	WG	Oxidation-Reduction Potential	133	mV	CAMO-14-83996
MCOI-6	686	05/13/14	WG	Oxidation-Reduction Potential	130.8	mV	CAMO-14-75495
MCOI-6	686	01/17/14	WG	Oxidation-Reduction Potential	159.5	mV	CAMO-14-49663
MCOI-6	686	11/07/13	WG	Oxidation-Reduction Potential	108.4	mV	CAMO-14-45744
MCOI-6	686	07/09/13	WG	Oxidation-Reduction Potential	109.8	mV	CAMO-13-36972
MCOI-6	686	07/08/14	WG	pH	7.03	SU[c]	CAMO-14-83996
MCOI-6	686	05/13/14	WG	pH	7.06	SU	CAMO-14-75495
MCOI-6	686	01/17/14	WG	pH	7.03	SU	CAMO-14-49663
MCOI-6	686	11/07/13	WG	pH	7.28	SU	CAMO-14-45744
MCOI-6	686	07/09/13	WG	pH	7.03	SU	CAMO-13-36972
MCOI-6	686	07/08/14	WG	Specific Conductance	589	µS/cm	CAMO-14-83996
MCOI-6	686	05/13/14	WG	Specific Conductance	588	µS/cm	CAMO-14-75495
MCOI-6	686	01/17/14	WG	Specific Conductance	585	µS/cm	CAMO-14-49663
MCOI-6	686	11/07/13	WG	Specific Conductance	592	µS/cm	CAMO-14-45744
MCOI-6	686	07/09/13	WG	Specific Conductance	595	µS/cm	CAMO-13-36972
MCOI-6	686	07/08/14	WG	Temperature	16.06	deg C	CAMO-14-83996
MCOI-6	686	05/13/14	WG	Temperature	13.52	deg C	CAMO-14-75495
MCOI-6	686	01/17/14	WG	Temperature	14.76	deg C	CAMO-14-49663
MCOI-6	686	11/07/13	WG	Temperature	15	deg C	CAMO-14-45744

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
MCOI-6	686	07/09/13	WG	Temperature	17.19	deg C	CAMO-13-36972
MCOI-6	686	07/08/14	WG	Turbidity	0.65	NTU[d]	CAMO-14-83996
MCOI-6	686	05/13/14	WG	Turbidity	0.9	NTU	CAMO-14-75495
MCOI-6	686	01/17/14	WG	Turbidity	0.1	NTU	CAMO-14-49663
MCOI-6	686	11/07/13	WG	Turbidity	0.6	NTU	CAMO-14-45744
MCOI-6	686	07/09/13	WG	Turbidity	0.52	NTU	CAMO-13-36972
R-11	855	07/11/14	WG	Dissolved Oxygen	7.33	mg/L	CASA-14-81516
R-11	855	05/08/14	WG	Dissolved Oxygen	7.52	mg/L	CASA-14-75524
R-11	855	01/09/14	WG	Dissolved Oxygen	7.17	mg/L	CASA-14-49687
R-11	855	11/05/13	WG	Dissolved Oxygen	7.1	mg/L	CASA-14-45704
R-11	855	07/12/13	WG	Dissolved Oxygen	7.59	mg/L	CASA-13-36992
R-11	855	07/11/14	WG	Flow (in gpm)	2.9	gpm	CASA-14-81516
R-11	855	05/08/14	WG	Flow (in gpm)	3	gpm	CASA-14-75524
R-11	855	01/09/14	WG	Flow (in gpm)	3	gpm	CASA-14-49687
R-11	855	11/16/11	WG	Flow (in gpm)	3	gpm	CASA-12-1379
R-11	855	08/12/11	WG	Flow (in gpm)	3	gpm	CASA-11-24778
R-11	855	07/11/14	WG	Oxidation-Reduction Potential	69	mV	CASA-14-81516
R-11	855	05/08/14	WG	Oxidation-Reduction Potential	36.7	mV	CASA-14-75524
R-11	855	01/09/14	WG	Oxidation-Reduction Potential	-38	mV	CASA-14-49687
R-11	855	11/05/13	WG	Oxidation-Reduction Potential	174.4	mV	CASA-14-45704
R-11	855	07/12/13	WG	Oxidation-Reduction Potential	157.9	mV	CASA-13-36992
R-11	855	07/11/14	WG	pH	8.03	SU	CASA-14-81516
R-11	855	05/08/14	WG	pH	8.04	SU	CASA-14-75524
R-11	855	01/09/14	WG	pH	8	SU	CASA-14-49687
R-11	855	11/05/13	WG	pH	8.22	SU	CASA-14-45704
R-11	855	07/12/13	WG	pH	8.02	SU	CASA-13-36992
R-11	855	07/11/14	WG	Specific Conductance	237	µS/cm	CASA-14-81516
R-11	855	05/08/14	WG	Specific Conductance	239	µS/cm	CASA-14-75524
R-11	855	01/09/14	WG	Specific Conductance	230	µS/cm	CASA-14-49687

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-11	855	11/05/13	WG	Specific Conductance	238	µS/cm	CASA-14-45704
R-11	855	07/12/13	WG	Specific Conductance	240	µS/cm	CASA-13-36992
R-11	855	07/11/14	WG	Temperature	21.96	deg C	CASA-14-81516
R-11	855	05/08/14	WG	Temperature	21.08	deg C	CASA-14-75524
R-11	855	01/09/14	WG	Temperature	20.87	deg C	CASA-14-49687
R-11	855	11/05/13	WG	Temperature	20.86	deg C	CASA-14-45704
R-11	855	07/12/13	WG	Temperature	22.28	deg C	CASA-13-36992
R-11	855	07/11/14	WG	Turbidity	0.2	NTU	CASA-14-81516
R-11	855	05/08/14	WG	Turbidity	0.24	NTU	CASA-14-75524
R-11	855	01/09/14	WG	Turbidity	0	NTU	CASA-14-49687
R-11	855	11/05/13	WG	Turbidity	0.6	NTU	CASA-14-45704
R-11	855	07/12/13	WG	Turbidity	0.7	NTU	CASA-13-36992
R-28	934.3	07/11/14	WG	Dissolved Oxygen	6.72	mg/L	CAMO-14-83997
R-28	934.3	05/06/13	WG	Dissolved Oxygen	6.51	mg/L	CAMO-13-30576
R-28	934.3	02/01/13	WG	Dissolved Oxygen	6.58	mg/L	CAMO-13-28408
R-28	934.3	10/31/12	WG	Dissolved Oxygen	6.55	mg/L	CAMO-13-24260
R-28	934.3	08/08/12	WG	Dissolved Oxygen	6.72	mg/L	CAMO-12-21735
R-28	934.3	07/11/14	WG	Flow (in gpm)	28.5	gpm	CAMO-14-83997
R-28	934.3	11/15/11	WG	Flow (in gpm)	4.16	gpm	CAMO-12-1486
R-28	934.3	08/02/11	WG	Flow (in gpm)	3.9	gpm	CAMO-11-24637
R-28	934.3	06/01/11	WG	Flow (in gpm)	4	gpm	CAMO-11-10705
R-28	934.3	02/14/11	WG	Flow (in gpm)	3.8	gpm	CAMO-11-4598
R-28	934.3	07/11/14	WG	Oxidation-Reduction Potential	78.3	mV	CAMO-14-83997
R-28	934.3	05/06/13	WG	Oxidation-Reduction Potential	247.3	mV	CAMO-13-30576
R-28	934.3	02/01/13	WG	Oxidation-Reduction Potential	53.5	mV	CAMO-13-28408
R-28	934.3	10/31/12	WG	Oxidation-Reduction Potential	183.7	mV	CAMO-13-24260
R-28	934.3	08/08/12	WG	Oxidation-Reduction Potential	220.8	mV	CAMO-12-21735
R-28	934.3	07/11/14	WG	pH	7.81	SU	CAMO-14-83997
R-28	934.3	05/06/13	WG	pH	7.65	SU	CAMO-13-30576

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-28	934.3	02/01/13	WG	pH	7.68	SU	CAMO-13-28408
R-28	934.3	10/31/12	WG	pH	7.63	SU	CAMO-13-24260
R-28	934.3	08/08/12	WG	pH	7.56	SU	CAMO-12-21735
R-28	934.3	07/11/14	WG	Specific Conductance	429	µS/cm	CAMO-14-83997
R-28	934.3	05/06/13	WG	Specific Conductance	416	µS/cm	CAMO-13-30576
R-28	934.3	02/01/13	WG	Specific Conductance	412	µS/cm	CAMO-13-28408
R-28	934.3	10/31/12	WG	Specific Conductance	435	µS/cm	CAMO-13-24260
R-28	934.3	08/08/12	WG	Specific Conductance	421	µS/cm	CAMO-12-21735
R-28	934.3	07/11/14	WG	Temperature	21.47	deg C	CAMO-14-83997
R-28	934.3	05/06/13	WG	Temperature	20.22	deg C	CAMO-13-30576
R-28	934.3	02/01/13	WG	Temperature	19.17	deg C	CAMO-13-28408
R-28	934.3	10/31/12	WG	Temperature	20.48	deg C	CAMO-13-24260
R-28	934.3	08/08/12	WG	Temperature	21.17	deg C	CAMO-12-21735
R-28	934.3	07/11/14	WG	Turbidity	2	NTU	CAMO-14-83997
R-28	934.3	05/06/13	WG	Turbidity	0.1	NTU	CAMO-13-30576
R-28	934.3	02/01/13	WG	Turbidity	0.46	NTU	CAMO-13-28408
R-28	934.3	10/31/12	WG	Turbidity	0.45	NTU	CAMO-13-24260
R-28	934.3	08/08/12	WG	Turbidity	0.65	NTU	CAMO-12-21735
R-35a	1013.1	07/18/14	WG	Dissolved Oxygen	5.06	mg/L	CASA-14-81517
R-35a	1013.1	05/14/14	WG	Dissolved Oxygen	4.84	mg/L	CASA-14-75525
R-35a	1013.1	01/16/14	WG	Dissolved Oxygen	4.84	mg/L	CASA-14-49688
R-35a	1013.1	11/13/13	WG	Dissolved Oxygen	4.99	mg/L	CASA-14-45705
R-35a	1013.1	05/17/13	WG	Dissolved Oxygen	5.03	mg/L	CASA-13-30543
R-35a	1013.1	07/18/14	WG	Flow (in gpm)	3.9	gpm	CASA-14-81517
R-35a	1013.1	05/14/14	WG	Flow (in gpm)	3.8	gpm	CASA-14-75525
R-35a	1013.1	01/16/14	WG	Flow (in gpm)	3.9	gpm	CASA-14-49688
R-35a	1013.1	11/17/11	WG	Flow (in gpm)	3.5	gpm	CASA-12-1383
R-35a	1013.1	08/17/11	WG	Flow (in gpm)	3.8	gpm	CASA-11-24781
R-35a	1013.1	07/18/14	WG	Oxidation-Reduction Potential	62.6	mV	CASA-14-81517

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35a	1013.1	05/14/14	WG	Oxidation-Reduction Potential	75.5	mV	CASA-14-75525
R-35a	1013.1	01/16/14	WG	Oxidation-Reduction Potential	176.6	mV	CASA-14-49688
R-35a	1013.1	11/13/13	WG	Oxidation-Reduction Potential	131.1	mV	CASA-14-45705
R-35a	1013.1	05/17/13	WG	Oxidation-Reduction Potential	81.4	mV	CASA-13-30543
R-35a	1013.1	07/18/14	WG	pH	7.9	SU	CASA-14-81517
R-35a	1013.1	05/14/14	WG	pH	8	SU	CASA-14-75525
R-35a	1013.1	01/16/14	WG	pH	7.96	SU	CASA-14-49688
R-35a	1013.1	11/13/13	WG	pH	8.06	SU	CASA-14-45705
R-35a	1013.1	05/17/13	WG	pH	8.05	SU	CASA-13-30543
R-35a	1013.1	07/18/14	WG	Specific Conductance	251	µS/cm	CASA-14-81517
R-35a	1013.1	05/14/14	WG	Specific Conductance	246	µS/cm	CASA-14-75525
R-35a	1013.1	01/16/14	WG	Specific Conductance	246	µS/cm	CASA-14-49688
R-35a	1013.1	11/13/13	WG	Specific Conductance	243	µS/cm	CASA-14-45705
R-35a	1013.1	05/17/13	WG	Specific Conductance	242	µS/cm	CASA-13-30543
R-35a	1013.1	07/18/14	WG	Temperature	24.83	deg C	CASA-14-81517
R-35a	1013.1	05/14/14	WG	Temperature	24.33	deg C	CASA-14-75525
R-35a	1013.1	01/16/14	WG	Temperature	24.02	deg C	CASA-14-49688
R-35a	1013.1	11/13/13	WG	Temperature	24.18	deg C	CASA-14-45705
R-35a	1013.1	05/17/13	WG	Temperature	24.66	deg C	CASA-13-30543
R-35a	1013.1	07/18/14	WG	Turbidity	0.8	NTU	CASA-14-81517
R-35a	1013.1	05/14/14	WG	Turbidity	0.9	NTU	CASA-14-75525
R-35a	1013.1	01/16/14	WG	Turbidity	0.83	NTU	CASA-14-49688
R-35a	1013.1	11/13/13	WG	Turbidity	1.4	NTU	CASA-14-45705
R-35a	1013.1	05/17/13	WG	Turbidity	1.97	NTU	CASA-13-30543
R-35b	825.4	07/18/14	WG	Dissolved Oxygen	6.01	mg/L	CASA-14-81524
R-35b	825.4	05/07/14	WG	Dissolved Oxygen	6.14	mg/L	CASA-14-75526
R-35b	825.4	01/15/14	WG	Dissolved Oxygen	6.17	mg/L	CASA-14-49689
R-35b	825.4	11/13/13	WG	Dissolved Oxygen	6.06	mg/L	CASA-14-45706
R-35b	825.4	05/10/13	WG	Dissolved Oxygen	5.85	mg/L	CASA-13-30544

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35b	825.4	07/18/14	WG	Flow (in gpm)	2.88	gpm	CASA-14-81524
R-35b	825.4	05/07/14	WG	Flow (in gpm)	3.03	gpm	CASA-14-75526
R-35b	825.4	01/15/14	WG	Flow (in gpm)	2.97	gpm	CASA-14-49689
R-35b	825.4	11/09/11	WG	Flow (in gpm)	3	gpm	CASA-12-1387
R-35b	825.4	08/12/11	WG	Flow (in gpm)	2.8	gpm	CASA-11-24783
R-35b	825.4	07/18/14	WG	Oxidation-Reduction Potential	76.5	mV	CASA-14-81524
R-35b	825.4	05/07/14	WG	Oxidation-Reduction Potential	18.7	mV	CASA-14-75526
R-35b	825.4	01/15/14	WG	Oxidation-Reduction Potential	-49.5	mV	CASA-14-49689
R-35b	825.4	11/13/13	WG	Oxidation-Reduction Potential	76.3	mV	CASA-14-45706
R-35b	825.4	05/10/13	WG	Oxidation-Reduction Potential	238.2	mV	CASA-13-30544
R-35b	825.4	07/18/14	WG	pH	7.55	SU	CASA-14-81524
R-35b	825.4	05/07/14	WG	pH	7.5	SU	CASA-14-75526
R-35b	825.4	01/15/14	WG	pH	7.44	SU	CASA-14-49689
R-35b	825.4	11/13/13	WG	pH	7.48	SU	CASA-14-45706
R-35b	825.4	05/10/13	WG	pH	7.48	SU	CASA-13-30544
R-35b	825.4	07/18/14	WG	Specific Conductance	173	µS/cm	CASA-14-81524
R-35b	825.4	05/07/14	WG	Specific Conductance	175	µS/cm	CASA-14-75526
R-35b	825.4	01/15/14	WG	Specific Conductance	172	µS/cm	CASA-14-49689
R-35b	825.4	11/13/13	WG	Specific Conductance	171	µS/cm	CASA-14-45706
R-35b	825.4	05/10/13	WG	Specific Conductance	172	µS/cm	CASA-13-30544
R-35b	825.4	07/18/14	WG	Temperature	22.25	deg C	CASA-14-81524
R-35b	825.4	05/07/14	WG	Temperature	21.96	deg C	CASA-14-75526
R-35b	825.4	01/15/14	WG	Temperature	20.67	deg C	CASA-14-49689
R-35b	825.4	11/13/13	WG	Temperature	20.79	deg C	CASA-14-45706
R-35b	825.4	05/10/13	WG	Temperature	21.33	deg C	CASA-13-30544
R-35b	825.4	07/18/14	WG	Turbidity	0.9	NTU	CASA-14-81524
R-35b	825.4	05/07/14	WG	Turbidity	0.39	NTU	CASA-14-75526
R-35b	825.4	01/15/14	WG	Turbidity	0.6	NTU	CASA-14-49689
R-35b	825.4	11/13/13	WG	Turbidity	0.6	NTU	CASA-14-45706

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-35b	825.4	05/10/13	WG	Turbidity	0.44	NTU	CASA-13-30544
R-42	931.8	07/08/14	WG	Dissolved Oxygen	7.08	mg/L	CAMO-14-83998
R-42	931.8	11/07/13	WG	Dissolved Oxygen	7.12	mg/L	CAMO-14-45749
R-42	931.8	05/06/13	WG	Dissolved Oxygen	6.83	mg/L	CAMO-13-30577
R-42	931.8	02/01/13	WG	Dissolved Oxygen	7.2	mg/L	CAMO-13-28409
R-42	931.8	10/31/12	WG	Dissolved Oxygen	6.99	mg/L	CAMO-13-24244
R-42	931.8	07/08/14	WG	Flow (in gpm)	8.8	gpm	CAMO-14-83998
R-42	931.8	11/10/11	WG	Flow (in gpm)	1.86	gpm	CAMO-12-1491
R-42	931.8	08/02/11	WG	Flow (in gpm)	2	gpm	CAMO-11-24639
R-42	931.8	05/31/11	WG	Flow (in gpm)	1.9	gpm	CAMO-11-10717
R-42	931.8	02/18/11	WG	Flow (in gpm)	2	gpm	CAMO-11-4601
R-42	931.8	07/08/14	WG	Oxidation-Reduction Potential	68.6	mV	CAMO-14-83998
R-42	931.8	11/07/13	WG	Oxidation-Reduction Potential	185.6	mV	CAMO-14-45749
R-42	931.8	05/06/13	WG	Oxidation-Reduction Potential	274.6	mV	CAMO-13-30577
R-42	931.8	02/01/13	WG	Oxidation-Reduction Potential	208.4	mV	CAMO-13-28409
R-42	931.8	10/31/12	WG	Oxidation-Reduction Potential	114.4	mV	CAMO-13-24244
R-42	931.8	07/08/14	WG	pH	7.81	SU	CAMO-14-83998
R-42	931.8	11/07/13	WG	pH	7.9	SU	CAMO-14-45749
R-42	931.8	05/06/13	WG	pH	7.36	SU	CAMO-13-30577
R-42	931.8	02/01/13	WG	pH	7.75	SU	CAMO-13-28409
R-42	931.8	10/31/12	WG	pH	7.48	SU	CAMO-13-24244
R-42	931.8	07/08/14	WG	Specific Conductance	511	µS/cm	CAMO-14-83998
R-42	931.8	11/07/13	WG	Specific Conductance	494	µS/cm	CAMO-14-45749
R-42	931.8	05/06/13	WG	Specific Conductance	502	µS/cm	CAMO-13-30577
R-42	931.8	02/01/13	WG	Specific Conductance	495	µS/cm	CAMO-13-28409
R-42	931.8	10/31/12	WG	Specific Conductance	480	µS/cm	CAMO-13-24244
R-42	931.8	07/08/14	WG	Temperature	20.9	deg C	CAMO-14-83998
R-42	931.8	11/07/13	WG	Temperature	19.79	deg C	CAMO-14-45749
R-42	931.8	05/06/13	WG	Temperature	19.48	deg C	CAMO-13-30577

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-42	931.8	02/01/13	WG	Temperature	19.72	deg C	CAMO-13-28409
R-42	931.8	10/31/12	WG	Temperature	19.49	deg C	CAMO-13-24244
R-42	931.8	07/08/14	WG	Turbidity	1.6	NTU	CAMO-14-83998
R-42	931.8	11/07/13	WG	Turbidity	0.2	NTU	CAMO-14-45749
R-42	931.8	05/06/13	WG	Turbidity	1.05	NTU	CAMO-13-30577
R-42	931.8	02/01/13	WG	Turbidity	0.58	NTU	CAMO-13-28409
R-42	931.8	10/31/12	WG	Turbidity	1.79	NTU	CAMO-13-24244
R-43 S1	903.9	07/15/14	WG	Dissolved Oxygen	6.18	mg/L	CASA-14-81519
R-43 S1	903.9	04/30/14	WG	Dissolved Oxygen	6.89	mg/L	CASA-14-75528
R-43 S1	903.9	01/21/14	WG	Dissolved Oxygen	6.79	mg/L	CASA-14-49690
R-43 S1	903.9	11/19/13	WG	Dissolved Oxygen	6.96	mg/L	CASA-14-45708
R-43 S1	903.9	07/16/13	WG	Dissolved Oxygen	7.01	mg/L	CASA-13-36989
R-43 S1	903.9	07/16/13	WG	Dissolved Oxygen	6.88	mg/L	CASA-13-39006
R-43 S1	903.9	07/15/14	WG	Flow (in gpm)	9.44	gpm	CASA-14-81519
R-43 S1	903.9	04/30/14	WG	Flow (in gpm)	1.29	gpm	CASA-14-75528
R-43 S1	903.9	01/21/14	WG	Flow (in gpm)	1.2	gpm	CASA-14-49690
R-43 S1	903.9	11/15/11	WG	Flow (in gpm)	1.4	gpm	CASA-12-1391
R-43 S1	903.9	08/16/11	WG	Flow (in gpm)	1.4	gpm	CASA-11-24785
R-43 S1	903.9	07/15/14	WG	Oxidation-Reduction Potential	53.7	mV	CASA-14-81519
R-43 S1	903.9	04/30/14	WG	Oxidation-Reduction Potential	50.3	mV	CASA-14-75528
R-43 S1	903.9	01/21/14	WG	Oxidation-Reduction Potential	169.7	mV	CASA-14-49690
R-43 S1	903.9	11/19/13	WG	Oxidation-Reduction Potential	113.5	mV	CASA-14-45708
R-43 S1	903.9	07/16/13	WG	Oxidation-Reduction Potential	166.1	mV	CASA-13-36989
R-43 S1	903.9	07/16/13	WG	Oxidation-Reduction Potential	162.5	mV	CASA-13-39006
R-43 S1	903.9	07/15/14	WG	pH	7.99	SU	CASA-14-81519
R-43 S1	903.9	04/30/14	WG	pH	8.17	SU	CASA-14-75528
R-43 S1	903.9	01/21/14	WG	pH	8.27	SU	CASA-14-49690
R-43 S1	903.9	11/19/13	WG	pH	8.25	SU	CASA-14-45708
R-43 S1	903.9	07/16/13	WG	pH	8.2	SU	CASA-13-36989

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-43 S1	903.9	07/16/13	WG	pH	8.18	SU	CASA-13-39006
R-43 S1	903.9	07/15/14	WG	Specific Conductance	181	µS/cm	CASA-14-81519
R-43 S1	903.9	04/30/14	WG	Specific Conductance	183	µS/cm	CASA-14-75528
R-43 S1	903.9	01/21/14	WG	Specific Conductance	186	µS/cm	CASA-14-49690
R-43 S1	903.9	11/19/13	WG	Specific Conductance	184	µS/cm	CASA-14-45708
R-43 S1	903.9	07/16/13	WG	Specific Conductance	183	µS/cm	CASA-13-36989
R-43 S1	903.9	07/16/13	WG	Specific Conductance	176	µS/cm	CASA-13-39006
R-43 S1	903.9	07/15/14	WG	Temperature	20.67	deg C	CASA-14-81519
R-43 S1	903.9	04/30/14	WG	Temperature	19.53	deg C	CASA-14-75528
R-43 S1	903.9	01/21/14	WG	Temperature	18.26	deg C	CASA-14-49690
R-43 S1	903.9	11/19/13	WG	Temperature	20.01	deg C	CASA-14-45708
R-43 S1	903.9	07/16/13	WG	Temperature	20.87	deg C	CASA-13-36989
R-43 S1	903.9	07/16/13	WG	Temperature	19.1	deg C	CASA-13-39006
R-43 S1	903.9	07/15/14	WG	Turbidity	0.3	NTU	CASA-14-81519
R-43 S1	903.9	04/30/14	WG	Turbidity	0.24	NTU	CASA-14-75528
R-43 S1	903.9	01/21/14	WG	Turbidity	0.27	NTU	CASA-14-49690
R-43 S1	903.9	11/19/13	WG	Turbidity	0.2	NTU	CASA-14-45708
R-43 S1	903.9	07/16/13	WG	Turbidity	0.3	NTU	CASA-13-36989
R-43 S1	903.9	07/16/13	WG	Turbidity	0.3	NTU	CASA-13-39006
R-44 S1	895	07/10/14	WG	Dissolved Oxygen	6.97	mg/L	CAMO-14-83999
R-44 S1	895	05/13/14	WG	Dissolved Oxygen	7.01	mg/L	CAMO-14-75500
R-44 S1	895	01/13/14	WG	Dissolved Oxygen	6.8	mg/L	CAMO-14-49666
R-44 S1	895	11/06/13	WG	Dissolved Oxygen	6.2	mg/L	CAMO-14-45766
R-44 S1	895	05/09/13	WG	Dissolved Oxygen	6.89	mg/L	CAMO-13-30578
R-44 S1	895	07/10/14	WG	Flow (in gpm)	3.3	gpm	CAMO-14-83999
R-44 S1	895	05/13/14	WG	Flow (in gpm)	3.41	gpm	CAMO-14-75500
R-44 S1	895	01/13/14	WG	Flow (in gpm)	3.37	gpm	CAMO-14-49666
R-44 S1	895	11/17/11	WG	Flow (in gpm)	3.25	gpm	CAMO-12-1500
R-44 S1	895	08/05/11	WG	Flow (in gpm)	3.2	gpm	CAMO-11-24645

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S1	895	07/10/14	WG	Oxidation-Reduction Potential	91.5	mV	CAMO-14-83999
R-44 S1	895	05/13/14	WG	Oxidation-Reduction Potential	46.5	mV	CAMO-14-75500
R-44 S1	895	01/13/14	WG	Oxidation-Reduction Potential	-45.9	mV	CAMO-14-49666
R-44 S1	895	11/06/13	WG	Oxidation-Reduction Potential	117.4	mV	CAMO-14-45766
R-44 S1	895	05/09/13	WG	Oxidation-Reduction Potential	182.2	mV	CAMO-13-30578
R-44 S1	895	07/10/14	WG	pH	7.66	SU	CAMO-14-83999
R-44 S1	895	05/13/14	WG	pH	7.75	SU	CAMO-14-75500
R-44 S1	895	01/13/14	WG	pH	7.68	SU	CAMO-14-49666
R-44 S1	895	11/06/13	WG	pH	7.82	SU	CAMO-14-45766
R-44 S1	895	05/09/13	WG	pH	7.73	SU	CAMO-13-30578
R-44 S1	895	07/10/14	WG	Specific Conductance	137	µS/cm	CAMO-14-83999
R-44 S1	895	05/13/14	WG	Specific Conductance	144	µS/cm	CAMO-14-75500
R-44 S1	895	01/13/14	WG	Specific Conductance	134	µS/cm	CAMO-14-49666
R-44 S1	895	11/06/13	WG	Specific Conductance	135	µS/cm	CAMO-14-45766
R-44 S1	895	05/09/13	WG	Specific Conductance	135	µS/cm	CAMO-13-30578
R-44 S1	895	07/10/14	WG	Temperature	21.21	deg C	CAMO-14-83999
R-44 S1	895	05/13/14	WG	Temperature	20.08	deg C	CAMO-14-75500
R-44 S1	895	01/13/14	WG	Temperature	20.5	deg C	CAMO-14-49666
R-44 S1	895	11/06/13	WG	Temperature	18.84	deg C	CAMO-14-45766
R-44 S1	895	05/09/13	WG	Temperature	20.39	deg C	CAMO-13-30578
R-44 S1	895	07/10/14	WG	Turbidity	0.3	NTU	CAMO-14-83999
R-44 S1	895	05/13/14	WG	Turbidity	0.45	NTU	CAMO-14-75500
R-44 S1	895	01/13/14	WG	Turbidity	0.1	NTU	CAMO-14-49666
R-44 S1	895	11/06/13	WG	Turbidity	0	NTU	CAMO-14-45766
R-44 S1	895	05/09/13	WG	Turbidity	0.2	NTU	CAMO-13-30578
R-44 S2	985.3	07/10/14	WG	Dissolved Oxygen	7.13	mg/L	CAMO-14-84000
R-44 S2	985.3	05/13/14	WG	Dissolved Oxygen	7.25	mg/L	CAMO-14-75501
R-44 S2	985.3	01/13/14	WG	Dissolved Oxygen	7.24	mg/L	CAMO-14-49667
R-44 S2	985.3	11/06/13	WG	Dissolved Oxygen	7.14	mg/L	CAMO-14-45767

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	05/09/13	WG	Dissolved Oxygen	7.18	mg/L	CAMO-13-30579
R-44 S2	985.3	07/10/14	WG	Flow (in gpm)	3.3	gpm	CAMO-14-84000
R-44 S2	985.3	05/13/14	WG	Flow (in gpm)	3.37	gpm	CAMO-14-75501
R-44 S2	985.3	01/13/14	WG	Flow (in gpm)	3.37	gpm	CAMO-14-49667
R-44 S2	985.3	11/17/11	WG	Flow (in gpm)	3.5	gpm	CAMO-12-1502
R-44 S2	985.3	08/05/11	WG	Flow (in gpm)	3.3	gpm	CAMO-11-24648
R-44 S2	985.3	08/05/11	WG	Flow (in gpm)	3.3	gpm	CAMO-11-24528
R-44 S2	985.3	08/05/11	WG	Flow (in gpm)	3.3	gpm	CAMO-11-24530
R-44 S2	985.3	08/05/11	WG	Flow (in gpm)	3.3	gpm	CAMO-11-24526
R-44 S2	985.3	07/10/14	WG	Oxidation-Reduction Potential	89.5	mV	CAMO-14-84000
R-44 S2	985.3	05/13/14	WG	Oxidation-Reduction Potential	39.6	mV	CAMO-14-75501
R-44 S2	985.3	01/13/14	WG	Oxidation-Reduction Potential	-46.4	mV	CAMO-14-49667
R-44 S2	985.3	11/06/13	WG	Oxidation-Reduction Potential	102.7	mV	CAMO-14-45767
R-44 S2	985.3	05/09/13	WG	Oxidation-Reduction Potential	139	mV	CAMO-13-30579
R-44 S2	985.3	07/10/14	WG	pH	7.76	SU	CAMO-14-84000
R-44 S2	985.3	05/13/14	WG	pH	7.92	SU	CAMO-14-75501
R-44 S2	985.3	01/13/14	WG	pH	7.8	SU	CAMO-14-49667
R-44 S2	985.3	11/06/13	WG	pH	7.9	SU	CAMO-14-45767
R-44 S2	985.3	05/09/13	WG	pH	7.81	SU	CAMO-13-30579
R-44 S2	985.3	07/10/14	WG	Specific Conductance	145	µS/cm	CAMO-14-84000
R-44 S2	985.3	05/13/14	WG	Specific Conductance	153	µS/cm	CAMO-14-75501
R-44 S2	985.3	01/13/14	WG	Specific Conductance	143	µS/cm	CAMO-14-49667
R-44 S2	985.3	11/06/13	WG	Specific Conductance	146	µS/cm	CAMO-14-45767
R-44 S2	985.3	05/09/13	WG	Specific Conductance	144	µS/cm	CAMO-13-30579
R-44 S2	985.3	07/10/14	WG	Temperature	21.2	deg C	CAMO-14-84000
R-44 S2	985.3	05/13/14	WG	Temperature	20.3	deg C	CAMO-14-75501
R-44 S2	985.3	01/13/14	WG	Temperature	20.25	deg C	CAMO-14-49667
R-44 S2	985.3	11/06/13	WG	Temperature	20.4	deg C	CAMO-14-45767
R-44 S2	985.3	05/09/13	WG	Temperature	20.78	deg C	CAMO-13-30579

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-44 S2	985.3	07/10/14	WG	Turbidity	0.39	NTU	CAMO-14-84000
R-44 S2	985.3	05/13/14	WG	Turbidity	0.45	NTU	CAMO-14-75501
R-44 S2	985.3	01/13/14	WG	Turbidity	0.1	NTU	CAMO-14-49667
R-44 S2	985.3	11/06/13	WG	Turbidity	0.25	NTU	CAMO-14-45767
R-44 S2	985.3	05/09/13	WG	Turbidity	0.1	NTU	CAMO-13-30579
R-50 S1	1077	07/22/14	WG	Dissolved Oxygen	5.39	mg/L	CAMO-14-84003
R-50 S1	1077	05/20/14	WG	Dissolved Oxygen	5.6	mg/L	CAMO-14-75504
R-50 S1	1077	01/15/14	WG	Dissolved Oxygen	5.59	mg/L	CAMO-14-49670
R-50 S1	1077	11/12/13	WG	Dissolved Oxygen	5.79	mg/L	CAMO-14-45754
R-50 S1	1077	07/09/13	WG	Dissolved Oxygen	5.47	mg/L	CAMO-13-36983
R-50 S1	1077	07/22/14	WG	Flow (in gpm)	2.6	gpm	CAMO-14-84003
R-50 S1	1077	05/20/14	WG	Flow (in gpm)	2.14	gpm	CAMO-14-75504
R-50 S1	1077	01/15/14	WG	Flow (in gpm)	2.6	gpm	CAMO-14-49670
R-50 S1	1077	11/18/11	WG	Flow (in gpm)	1.9	gpm	CAMO-12-1505
R-50 S1	1077	08/04/11	WG	Flow (in gpm)	2.5	gpm	CAMO-11-24536
R-50 S1	1077	08/04/11	WG	Flow (in gpm)	2.5	gpm	CAMO-11-24532
R-50 S1	1077	08/04/11	WG	Flow (in gpm)	2.5	gpm	CAMO-11-24534
R-50 S1	1077	08/04/11	WG	Flow (in gpm)	2.5	gpm	CAMO-11-24673
R-50 S1	1077	07/22/14	WG	Oxidation-Reduction Potential	126.6	mV	CAMO-14-84003
R-50 S1	1077	05/20/14	WG	Oxidation-Reduction Potential	17.2	mV	CAMO-14-75504
R-50 S1	1077	01/15/14	WG	Oxidation-Reduction Potential	152.4	mV	CAMO-14-49670
R-50 S1	1077	11/12/13	WG	Oxidation-Reduction Potential	119.7	mV	CAMO-14-45754
R-50 S1	1077	07/09/13	WG	Oxidation-Reduction Potential	151.5	mV	CAMO-13-36983
R-50 S1	1077	07/22/14	WG	pH	7.77	SU	CAMO-14-84003
R-50 S1	1077	05/20/14	WG	pH	7.79	SU	CAMO-14-75504
R-50 S1	1077	01/15/14	WG	pH	7.81	SU	CAMO-14-49670
R-50 S1	1077	11/12/13	WG	pH	7.98	SU	CAMO-14-45754
R-50 S1	1077	07/09/13	WG	pH	7.92	SU	CAMO-13-36983
R-50 S1	1077	07/22/14	WG	Specific Conductance	200	µS/cm	CAMO-14-84003

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S1	1077	05/20/14	WG	Specific Conductance	200	µS/cm	CAMO-14-75504
R-50 S1	1077	01/15/14	WG	Specific Conductance	192	µS/cm	CAMO-14-49670
R-50 S1	1077	11/12/13	WG	Specific Conductance	171	µS/cm	CAMO-14-45754
R-50 S1	1077	07/09/13	WG	Specific Conductance	184	µS/cm	CAMO-13-36983
R-50 S1	1077	07/22/14	WG	Temperature	22.8	deg C	CAMO-14-84003
R-50 S1	1077	05/20/14	WG	Temperature	21.84	deg C	CAMO-14-75504
R-50 S1	1077	01/15/14	WG	Temperature	20.8	deg C	CAMO-14-49670
R-50 S1	1077	11/12/13	WG	Temperature	20.88	deg C	CAMO-14-45754
R-50 S1	1077	07/09/13	WG	Temperature	21.4	deg C	CAMO-13-36983
R-50 S1	1077	07/22/14	WG	Turbidity	0.37	NTU	CAMO-14-84003
R-50 S1	1077	05/20/14	WG	Turbidity	0.51	NTU	CAMO-14-75504
R-50 S1	1077	01/15/14	WG	Turbidity	0.45	NTU	CAMO-14-49670
R-50 S1	1077	11/12/13	WG	Turbidity	0.43	NTU	CAMO-14-45754
R-50 S1	1077	07/09/13	WG	Turbidity	0.7	NTU	CAMO-13-36983
R-50 S2	1185	07/24/14	WG	Dissolved Oxygen	7.4	mg/L	CAMO-14-84004
R-50 S2	1185	05/19/14	WG	Dissolved Oxygen	7.34	mg/L	CAMO-14-75505
R-50 S2	1185	01/15/14	WG	Dissolved Oxygen	7.63	mg/L	CAMO-14-49671
R-50 S2	1185	11/12/13	WG	Dissolved Oxygen	8.32	mg/L	CAMO-14-45755
R-50 S2	1185	07/10/13	WG	Dissolved Oxygen	7.12	mg/L	CAMO-13-36984
R-50 S2	1185	07/24/14	WG	Flow (in gpm)	1.7	gpm	CAMO-14-84004
R-50 S2	1185	05/19/14	WG	Flow (in gpm)	1.53	gpm	CAMO-14-75505
R-50 S2	1185	01/15/14	WG	Flow (in gpm)	1.7	gpm	CAMO-14-49671
R-50 S2	1185	11/28/11	WG	Flow (in gpm)	1.48	gpm	CAMO-12-1809
R-50 S2	1185	11/21/11	WG	Flow (in gpm)	1.54	gpm	CAMO-12-1509
R-50 S2	1185	07/24/14	WG	Oxidation-Reduction Potential	42.6	mV	CAMO-14-84004
R-50 S2	1185	05/19/14	WG	Oxidation-Reduction Potential	44.8	mV	CAMO-14-75505
R-50 S2	1185	01/15/14	WG	Oxidation-Reduction Potential	140.9	mV	CAMO-14-49671
R-50 S2	1185	11/12/13	WG	Oxidation-Reduction Potential	119.4	mV	CAMO-14-45755
R-50 S2	1185	07/10/13	WG	Oxidation-Reduction Potential	87.8	mV	CAMO-13-36984

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-50 S2	1185	07/24/14	WG	pH	8.03	SU	CAMO-14-84004
R-50 S2	1185	05/19/14	WG	pH	7.95	SU	CAMO-14-75505
R-50 S2	1185	01/15/14	WG	pH	8.1	SU	CAMO-14-49671
R-50 S2	1185	11/12/13	WG	pH	8.02	SU	CAMO-14-45755
R-50 S2	1185	07/10/13	WG	pH	7.88	SU	CAMO-13-36984
R-50 S2	1185	07/24/14	WG	Specific Conductance	135	µS/cm	CAMO-14-84004
R-50 S2	1185	05/19/14	WG	Specific Conductance	133	µS/cm	CAMO-14-75505
R-50 S2	1185	01/15/14	WG	Specific Conductance	133	µS/cm	CAMO-14-49671
R-50 S2	1185	11/12/13	WG	Specific Conductance	134	µS/cm	CAMO-14-45755
R-50 S2	1185	07/10/13	WG	Specific Conductance	132	µS/cm	CAMO-13-36984
R-50 S2	1185	07/24/14	WG	Temperature	22.01	deg C	CAMO-14-84004
R-50 S2	1185	05/19/14	WG	Temperature	22.58	deg C	CAMO-14-75505
R-50 S2	1185	01/15/14	WG	Temperature	17.7	deg C	CAMO-14-49671
R-50 S2	1185	11/12/13	WG	Temperature	20.19	deg C	CAMO-14-45755
R-50 S2	1185	07/10/13	WG	Temperature	21.82	deg C	CAMO-13-36984
R-50 S2	1185	07/24/14	WG	Turbidity	0.36	NTU	CAMO-14-84004
R-50 S2	1185	05/19/14	WG	Turbidity	2.8	NTU	CAMO-14-75505
R-50 S2	1185	01/15/14	WG	Turbidity	0.29	NTU	CAMO-14-49671
R-50 S2	1185	11/12/13	WG	Turbidity	0.35	NTU	CAMO-14-45755
R-50 S2	1185	07/10/13	WG	Turbidity	4.8	NTU	CAMO-13-36984
R-61 S1	1125	07/23/14	WG	Dissolved Oxygen	6.97	mg/L	CAMO-14-84005
R-61 S1	1125	05/20/14	WG	Dissolved Oxygen	6.05	mg/L	CAMO-14-75506
R-61 S1	1125	11/15/13	WG	Dissolved Oxygen	5.9	mg/L	CAMO-14-45756
R-61 S1	1125	07/15/13	WG	Dissolved Oxygen	4.88	mg/L	CAMO-13-36977
R-61 S1	1125	05/17/13	WG	Dissolved Oxygen	5.97	mg/L	CAMO-13-30584
R-61 S1	1125	07/23/14	WG	Flow (in gpm)	2.1	gpm	CAMO-14-84005
R-61 S1	1125	05/20/14	WG	Flow (in gpm)	2.13	gpm	CAMO-14-75506
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2236
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2238

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2229
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2243
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2245
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2239
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2241
R-61 S1	1125	02/07/12	WG	Flow (in gpm)	2	gpm	CAMO-12-2248
R-61 S1	1125	11/21/11	WG	Flow (in gpm)	2	gpm	CAMO-12-1429
R-61 S1	1125	11/21/11	WG	Flow (in gpm)	2	gpm	CAMO-12-1511
R-61 S1	1125	11/21/11	WG	Flow (in gpm)	2	gpm	CAMO-12-1431
R-61 S1	1125	11/21/11	WG	Flow (in gpm)	2	gpm	CAMO-12-1433
R-61 S1	1125	11/15/11	WG	Flow (in gpm)	1.73	gpm	CAMO-12-1421
R-61 S1	1125	11/15/11	WG	Flow (in gpm)	1.73	gpm	CAMO-12-1423
R-61 S1	1125	11/15/11	WG	Flow (in gpm)	1.73	gpm	CAMO-12-1425
R-61 S1	1125	11/15/11	WG	Flow (in gpm)	1.73	gpm	CAMO-12-1419
R-61 S1	1125	07/23/14	WG	Oxidation-Reduction Potential	134.5	mV	CAMO-14-84005
R-61 S1	1125	05/20/14	WG	Oxidation-Reduction Potential	194.1	mV	CAMO-14-75506
R-61 S1	1125	11/15/13	WG	Oxidation-Reduction Potential	110.5	mV	CAMO-14-45756
R-61 S1	1125	07/15/13	WG	Oxidation-Reduction Potential	64.6	mV	CAMO-13-36977
R-61 S1	1125	05/17/13	WG	Oxidation-Reduction Potential	251.4	mV	CAMO-13-30584
R-61 S1	1125	07/23/14	WG	pH	6.9	SU	CAMO-14-84005
R-61 S1	1125	05/20/14	WG	pH	6.92	SU	CAMO-14-75506
R-61 S1	1125	11/15/13	WG	pH	6.84	SU	CAMO-14-45756
R-61 S1	1125	07/15/13	WG	pH	6.75	SU	CAMO-13-36977
R-61 S1	1125	05/17/13	WG	pH	6.71	SU	CAMO-13-30584
R-61 S1	1125	07/23/14	WG	Specific Conductance	148	µS/cm	CAMO-14-84005
R-61 S1	1125	05/20/14	WG	Specific Conductance	143	µS/cm	CAMO-14-75506
R-61 S1	1125	11/15/13	WG	Specific Conductance	148	µS/cm	CAMO-14-45756
R-61 S1	1125	07/15/13	WG	Specific Conductance	148	µS/cm	CAMO-13-36977
R-61 S1	1125	05/17/13	WG	Specific Conductance	155	µS/cm	CAMO-13-30584

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-61 S1	1125	07/23/14	WG	Temperature	22.01	deg C	CAMO-14-84005
R-61 S1	1125	05/20/14	WG	Temperature	21.26	deg C	CAMO-14-75506
R-61 S1	1125	11/15/13	WG	Temperature	19.66	deg C	CAMO-14-45756
R-61 S1	1125	07/15/13	WG	Temperature	20.29	deg C	CAMO-13-36977
R-61 S1	1125	05/17/13	WG	Temperature	20.89	deg C	CAMO-13-30584
R-61 S1	1125	07/23/14	WG	Turbidity	1.43	NTU	CAMO-14-84005
R-61 S1	1125	05/20/14	WG	Turbidity	0.6	NTU	CAMO-14-75506
R-61 S1	1125	11/15/13	WG	Turbidity	1.4	NTU	CAMO-14-45756
R-61 S1	1125	07/15/13	WG	Turbidity	1.6	NTU	CAMO-13-36977
R-61 S1	1125	05/17/13	WG	Turbidity	3	NTU	CAMO-13-30584
SCI-2	548	07/30/14	WG	Dissolved Oxygen	9.24	mg/L	CASA-14-81521
SCI-2	548	05/14/14	WG	Dissolved Oxygen	8.99	mg/L	CASA-14-75531
SCI-2	548	01/13/14	WG	Dissolved Oxygen	9.66	mg/L	CASA-14-49692
SCI-2	548	07/23/13	WG	Dissolved Oxygen	8.26	mg/L	CASA-13-36991
SCI-2	548	05/21/13	WG	Dissolved Oxygen	9.22	mg/L	CASA-13-30549
SCI-2	548	07/30/14	WG	Flow (in gpm)	1	gpm	CASA-14-81521
SCI-2	548	05/14/14	WG	Flow (in gpm)	0.66	gpm	CASA-14-75531
SCI-2	548	01/13/14	WG	Flow (in gpm)	0.7	gpm	CASA-14-49692
SCI-2	548	08/11/11	WG	Flow (in gpm)	0.4	gpm	CASA-11-24765
SCI-2	548	08/09/11	WG	Flow (in gpm)	0.4	gpm	CASA-11-24849
SCI-2	548	08/09/11	WG	Flow (in gpm)	0.4	gpm	CASA-11-24845
SCI-2	548	08/09/11	WG	Flow (in gpm)	0.4	gpm	CASA-11-24847
SCI-2	548	07/30/14	WG	Oxidation-Reduction Potential	66.4	mV	CASA-14-81521
SCI-2	548	05/14/14	WG	Oxidation-Reduction Potential	87.7	mV	CASA-14-75531
SCI-2	548	01/13/14	WG	Oxidation-Reduction Potential	155.7	mV	CASA-14-49692
SCI-2	548	07/23/13	WG	Oxidation-Reduction Potential	180.2	mV	CASA-13-36991
SCI-2	548	05/21/13	WG	Oxidation-Reduction Potential	221.7	mV	CASA-13-30549
SCI-2	548	07/30/14	WG	pH	7.38	SU	CASA-14-81521
SCI-2	548	05/14/14	WG	pH	7.35	SU	CASA-14-75531

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
SCI-2	548	01/13/14	WG	pH	7.45	SU	CASA-14-49692
SCI-2	548	07/23/13	WG	pH	7.39	SU	CASA-13-36991
SCI-2	548	05/21/13	WG	pH	7.42	SU	CASA-13-30549
SCI-2	548	07/30/14	WG	Specific Conductance	620	µS/cm	CASA-14-81521
SCI-2	548	05/14/14	WG	Specific Conductance	633	µS/cm	CASA-14-75531
SCI-2	548	01/13/14	WG	Specific Conductance	617	µS/cm	CASA-14-49692
SCI-2	548	07/23/13	WG	Specific Conductance	608	µS/cm	CASA-13-36991
SCI-2	548	05/21/13	WG	Specific Conductance	622	µS/cm	CASA-13-30549
SCI-2	548	07/30/14	WG	Temperature	15.18	deg C	CASA-14-81521
SCI-2	548	05/14/14	WG	Temperature	14.65	deg C	CASA-14-75531
SCI-2	548	01/13/14	WG	Temperature	13.87	deg C	CASA-14-49692
SCI-2	548	07/23/13	WG	Temperature	16.05	deg C	CASA-13-36991
SCI-2	548	05/21/13	WG	Temperature	14.47	deg C	CASA-13-30549
SCI-2	548	07/30/14	WG	Turbidity	7.6	NTU	CASA-14-81521
SCI-2	548	05/14/14	WG	Turbidity	15.7	NTU	CASA-14-75531
SCI-2	548	01/13/14	WG	Turbidity	1.7	NTU	CASA-14-49692
SCI-2	548	07/23/13	WG	Turbidity	0.2	NTU	CASA-13-36991
SCI-2	548	05/21/13	WG	Turbidity	1.2	NTU	CASA-13-30549

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

Appendix B

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

Appendix C

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

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

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.27	—	—	0.01	SU	Y	H	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.6	—	—	0.67	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	61.7	—	—	0.67	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	80.1	—	—	2	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	80.9	—	—	2	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	68.8	—	—	2	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	67.4	—	—	2	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	72.4	—	—	2	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	81.3	—	—	10	µg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	69.6	—	—	2	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.87	—	—	3	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.56	—	—	3	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.89	—	—	3	µg/L	Y	J	J	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.71	—	—	3	µg/L	Y	J	J	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.97	—	—	3	µg/L	Y	J	J	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	6.34	—	—	3	µg/L	Y	J	J	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	4.48	—	—	3	µg/L	Y	J	J	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00201	—	—	0.0017	mg/L	Y	J	J	2014-3700	CAMO-14-83996	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00219	—	—	0.0017	mg/L	Y	J	J	2014-3700	CAMO-14-83994	GELC
MCOI-6	686	05/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.0017	mg/L	Y	U	U	2014-3388	CAMO-14-75495	GELC
MCOI-6	686	05/13/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.0017	mg/L	Y	U	U	2014-3388	CAMO-14-75483	GELC
MCOI-6	686	01/17/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00378	—	—	0.0017	mg/L	Y	J	J	2014-2788	CAMO-14-49663	GELC
MCOI-6	686	11/07/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.0017	mg/L	Y	U	U	2014-2426	CAMO-14-45744	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0029	—	—	0.0015	mg/L	Y	J	J	12-312	CAMO-12-1471	GELC
MCOI-6	686	11/09/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.005	—	—	0.0015	mg/L	Y	U	U	12-312	CAMO-12-1468	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.504	—	—	0.033	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.478	—	—	0.033	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.599	—	—	0.033	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.599	—	—	0.033	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.534	—	—	0.033	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.575	—	—	0.033	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.626	—	—	0.033	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	214	—	—	0.453	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	212	—	—	0.453	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	209	—	—	0.453	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	204	—	—	0.453	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	224	—	—	0.453	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	215	—	—	0.453	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	233	—	—	0.453	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13.1	—	—	0.11	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13	—	—	0.11	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	13	—	—	0.11	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.8	—	—	0.11	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	13.8	—	—	0.11	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	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	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	13.3	—	—	0.11	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.4	—	—	0.11	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.05	—	—	2	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.93	—	—	2	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.23	—	—	2	µg/L	Y	J	J	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	3.03	—	—	2	µg/L	Y	J	J	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.92	—	—	2	µg/L	Y	J	J	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.91	—	—	2	µg/L	Y	J	J	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.02	—	—	0.165	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2	—	—	0.165	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.56	—	—	0.165	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.5	—	—	0.165	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.78	—	—	0.165	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.64	—	—	0.165	µg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.7	—	—	0.165	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	33.8	—	—	0.5	µg/L	Y	—	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	35	—	—	0.5	µg/L	Y	—	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	38.6	—	—	0.5	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	37.8	—	—	0.5	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	40	—	—	0.5	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	41.8	—	—	2.5	µg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	40.7	—	—	0.5	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.76	—	—	0.17	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8	—	—	0.17	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.83	—	—	0.425	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.18	—	—	0.425	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.66	—	—	0.17	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	8.02	—	—	0.17	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.69	—	—	0.17	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	60.1	—	—	5	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	58.9	—	—	5	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	58	—	—	5	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	61.8	—	—	5	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	58.4	—	—	5	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	56.8	—	—	5	µg/L	Y	—	J+	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	60.8	—	—	5	µg/L	Y	—	J+	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.869	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.868	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.839	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	0.845	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.817	—	—	0.05	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.768	—	—	0.05	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.781	—	—	0.05	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.53	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.53	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	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	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.1	—	—	0.053	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.4	—	—	0.1	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	25.9	—	—	0.1	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.9	—	—	0.1	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	26.4	—	—	0.1	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	27.6	—	—	0.1	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	25.6	—	—	0.1	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.3	—	—	0.1	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	566	—	—	1	uS/cm	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	567	—	—	1	uS/cm	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	577	—	—	1	uS/cm	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	562	—	—	1	uS/cm	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	589	—	—	1	uS/cm	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	576	—	—	1	uS/cm	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	581	—	—	1	uS/cm	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	296	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	294	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	283	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	280	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	296	—	—	1	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	296	—	—	1	µg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	306	—	—	1	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	64	—	—	1.33	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	63.7	—	—	1.33	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	63.7	—	—	1.33	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	63.4	—	—	1.33	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	63.9	—	—	1.33	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	64.8	—	—	1.33	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	66.8	—	—	1.33	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.987	—	—	0.45	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.76	—	—	0.45	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	354	—	—	3.4	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	374	—	—	3.4	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	450	—	—	3.4	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	404	—	—	3.4	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	363	—	—	3.4	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	397	—	—	3.4	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	413	—	—	3.4	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.942	—	—	0.33	mg/L	Y	J	J	2014-3700	CAMO-14-83996	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
MCOI-6	686	07/08/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.957	—	—	0.33	mg/L	Y	J	J	2014-3700	CAMO-14-83994	GELC
MCOI-6	686	05/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.06	—	—	0.33	mg/L	Y	—	NQ	2014-3388	CAMO-14-75495	GELC
MCOI-6	686	05/13/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	—	0.33	mg/L	Y	—	NQ	2014-3388	CAMO-14-75483	GELC
MCOI-6	686	01/17/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.901	—	—	0.33	mg/L	Y	J	J	2014-2788	CAMO-14-49663	GELC
MCOI-6	686	11/07/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.28	—	—	0.33	mg/L	Y	—	NQ	2014-2426	CAMO-14-45744	GELC
MCOI-6	686	07/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.08	—	—	0.33	mg/L	Y	—	NQ	2013-1092	CAMO-13-36972	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.18	—	—	0.067	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.15	—	—	0.067	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.21	—	—	0.067	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.2	—	—	0.067	µg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.32	—	—	0.067	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.36	—	—	1	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.77	—	—	1	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.07	—	—	1	µg/L	Y	J	J	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.39	—	—	1	µg/L	Y	J	J	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.16	—	—	1	µg/L	Y	J	J	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.08	—	—	1	µg/L	Y	J	J	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.02	—	—	1	µg/L	Y	J	J	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	19.7	—	—	3.3	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.2	—	—	3.3	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	18.8	—	—	3.3	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	19.7	—	—	3.3	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	25.2	—	—	3.3	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	27.6	—	—	3.3	µg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	25.3	—	—	3.3	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.36	—	—	0.01	SU	Y	H	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.4	—	—	0.01	SU	Y	H	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.4	—	—	0.725	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.9	—	—	0.725	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.1	—	—	0.725	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	93.1	—	—	0.725	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.9	—	—	0.725	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.3	—	—	0.725	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	98.3	—	—	0.725	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.3	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.1	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	42.2	—	—	1	µg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	42.7	—	—	1	µg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	45.2	—	—	1	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	49.6	—	—	15	µg/L	Y	J	J	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	47.9	—	—	15	µg/L	Y	J	J	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	50.4	—	—	15	µg/L	Y	—	NQ	2014-3388	CAMO-14-75510	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	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	48.6	—	—	15	µg/L	Y	J	J	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.8	—	—	15	µg/L	Y	J	J	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	42.3	—	—	15	µg/L	Y	J	J	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	51.9	—	—	15	µg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.615	—	—	0.067	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.583	—	—	0.067	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.575	—	—	0.067	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.574	—	—	0.067	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.59	—	—	0.067	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.627	—	—	0.067	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.621	—	—	0.067	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	64.1	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	63.5	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	62.1	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.8	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	66.8	—	—	0.05	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
MCOI-6	686	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	64.4	—	—	0.05	mg/L	Y	—	NQ	2014-2426	CAMO-14-45760	GELC
MCOI-6	686	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	69.7	—	—	0.05	mg/L	Y	—	NQ	2013-1092	CAMO-13-36980	GELC
MCOI-6	686	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.9	—	—	0.67	mg/L	Y	—	NQ	2014-3700	CAMO-14-84007	GELC
MCOI-6	686	07/08/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	63	—	—	0.67	mg/L	Y	—	NQ	2014-3700	CAMO-14-83995	GELC
MCOI-6	686	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.3	—	—	0.67	mg/L	Y	—	NQ	2014-3388	CAMO-14-75510	GELC
MCOI-6	686	05/13/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.4	—	—	0.67	mg/L	Y	—	NQ	2014-3388	CAMO-14-75486	GELC
MCOI-6	686	01/17/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	60.8	—	—	0.67	mg/L	Y	—	NQ	2014-2788	CAMO-14-49674	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	0.725	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68	—	—	0.725	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.4	—	—	0.725	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.6	—	—	0.725	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	0.725	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	41.9	—	—	1	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.8	—	—	1	µg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.4	—	—	1	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.8	—	—	1	µg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	40	—	—	1	µg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.5	—	—	15	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.7	—	—	15	µg/L	Y	J	J	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	28.5	—	—	15	µg/L	Y	J	J	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.9	—	—	15	µg/L	Y	J	J	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.8	—	—	15	µg/L	Y	J	J	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.8	—	—	0.05	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.6	—	—	0.05	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.5	—	—	0.05	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	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	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.15	—	—	0.067	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.98	—	—	0.067	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.53	—	—	0.067	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.63	—	—	0.067	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.95	—	—	0.067	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	25.4	—	—	2	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	28.8	—	—	2	µg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	24.8	—	—	2	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.6	—	—	2	µg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	26.4	—	—	2	µg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.07	—	—	3	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	—	0.033	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	—	0.033	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.345	—	—	0.033	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.362	—	—	0.033	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.2	—	—	0.453	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.5	—	—	0.453	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.4	—	—	0.453	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.2	—	—	0.453	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.4	—	—	0.453	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	33.3	—	—	30	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.49	—	—	0.11	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.48	—	—	0.11	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.6	—	—	0.11	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.47	—	—	0.11	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.44	—	—	0.11	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.165	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.45	—	—	0.165	µg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.62	—	—	0.165	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.7	—	—	0.165	µg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.64	—	—	0.165	µg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.8	—	—	0.17	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.06	—	—	0.17	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.6	—	—	0.17	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.09	—	—	0.17	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.05	—	—	0.17	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.906	—	—	0.05	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-11	855	05/08/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.779	—	—	0.05	µg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.862	—	—	0.05	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.789	—	—	0.05	µg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.889	—	—	0.05	µg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.72	—	—	1.5	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.11	—	—	1.5	µg/L	Y	J	J	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.93	—	—	1.5	µg/L	Y	J	J	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.13	—	—	1.5	µg/L	Y	J	J	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.64	—	—	1.5	µg/L	Y	J	J	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	uS/cm	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	uS/cm	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	—	1	uS/cm	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	—	—	1	uS/cm	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	uS/cm	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	95.7	—	—	1	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.7	—	—	1	µg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	92.7	—	—	1	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	93.2	—	—	1	µg/L	Y	E	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	92.4	—	—	1	µg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.3	—	—	0.133	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.1	—	—	0.133	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.5	—	—	0.133	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.9	—	—	0.133	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.682	—	—	0.067	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.7	—	—	0.067	µg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.79	—	—	0.067	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	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	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.844	—	—	0.067	µg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.792	—	—	0.067	µg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.89	—	—	1	µg/L	Y	—	NQ	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.27	—	—	1	µg/L	Y	—	NQ	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	8.23	—	—	1	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.07	—	—	1	µg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.26	—	—	1	µg/L	Y	—	NQ	2013-1129	CASA-13-36992	GELC
R-11	855	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.62	—	—	3.3	µg/L	Y	J	J	2014-3790	CASA-14-81522	GELC
R-11	855	05/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.61	—	—	3.3	µg/L	Y	J	J	2014-3374	CASA-14-75532	GELC
R-11	855	01/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.6	—	—	3.3	µg/L	Y	—	NQ	2014-2756	CASA-14-49693	GELC
R-11	855	11/05/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	10.3	—	—	3.3	µg/L	Y	—	NQ	2014-2394	CASA-14-45712	GELC
R-11	855	07/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	8.48	—	—	3.3	µg/L	Y	J	J	2013-1129	CASA-13-36992	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	0.725	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	0.725	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.4	—	—	0.725	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	0.725	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	—	0.725	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0179	—	—	0.017	mg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0283	—	—	0.017	mg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0573	—	—	0.017	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.144	—	—	0.017	mg/L	Y	—	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	70.2	—	—	1	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	65.1	—	—	1	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	68.1	—	—	1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	66.3	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	70.9	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.1	—	—	15	µg/L	Y	J	J	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.308	—	—	0.067	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.232	—	—	0.067	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.241	—	—	0.067	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.278	—	—	0.067	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.295	—	—	0.067	mg/L	Y	—	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.4	—	—	0.05	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	44.5	—	—	0.05	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	45.5	—	—	0.05	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	45.2	—	—	0.05	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	46.2	—	—	0.05	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.4	—	—	0.67	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	34.3	—	—	0.67	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	34.3	—	—	0.335	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	35.8	—	—	0.335	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	32.9	—	—	0.67	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	362	—	—	2	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	404	—	—	2	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	433	—	—	10	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	415	—	—	20	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	450	—	—	2	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	6.47	—	—	3	µg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	Y	5.37	—	—	3	µg/L	Y	J	J	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Copper	Cu	N	10	—	—	3	µg/L	Y	U	U	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00322	—	—	0.0017	mg/L	Y	J	J	2014-3789	CAMO-14-83997	GELC
R-28	934.3	11/15/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00623	—	—	0.0015	mg/L	Y	—	NQ	12-341	CAMO-12-1486	GELC
R-28	934.3	08/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00506	—	—	0.0015	mg/L	Y	—	NQ	11-3009	CAMO-11-24637	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.975	—	—	0.1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.93	—	—	0.05	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.02	—	—	0.1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.9	—	—	0.05	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.9	—	—	0.053	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	0.0782	—	—	0.053	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.1	—	—	0.1	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	412	—	—	1	uS/cm	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	424	—	—	1	uS/cm	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	422	—	—	1	uS/cm	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	415	—	—	1	uS/cm	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	415	—	—	1	uS/cm	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	178	—	—	1	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	177	—	—	1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	172	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	181	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	52.7	—	—	1.33	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	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	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	48	—	—	1.33	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	49	—	—	0.665	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	51.3	—	—	0.665	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	47.3	—	—	1.33	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	296	—	—	3.4	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	261	—	—	3.4	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	290	—	—	3.4	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	303	—	—	3.4	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	287	—	—	3.4	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.514	—	—	0.33	mg/L	Y	J	J	2014-3789	CAMO-14-83997	GELC
R-28	934.3	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.901	—	—	0.33	mg/L	Y	J	J	2013-809	CAMO-13-30576	GELC
R-28	934.3	02/01/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.843	—	—	0.33	mg/L	Y	J	J	2013-503	CAMO-13-28408	GELC
R-28	934.3	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1.28	—	—	0.33	mg/L	Y	—	U	2013-258	CAMO-13-24243	GELC
R-28	934.3	08/08/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.1	—	—	0.33	mg/L	Y	—	NQ	12-1481	CAMO-12-21735	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.58	—	—	0.067	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.67	—	—	0.067	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.52	—	—	0.067	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.54	—	—	0.067	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.5	—	—	0.067	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.19	—	—	1	µg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.93	—	—	1	µg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.8	—	—	1	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.93	—	—	1	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.31	—	—	1	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	13.9	—	—	3.3	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	4.63	—	—	3.3	µg/L	Y	J	J	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.39	—	—	3.3	µg/L	Y	J	J	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.67	—	—	3.3	µg/L	Y	J	J	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.55	—	—	3.3	µg/L	Y	J	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	06/01/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00431	—	—	0.0015	mg/L	Y	J	J	11-2597	CAMO-11-10705	GELC
R-28	934.3	02/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0049	—	—	0.0017	mg/L	Y	J	J	11-1343	CAMO-11-4598	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.226	—	—	0.033	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	—	0.033	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.033	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	167	—	—	0.453	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	157	—	—	0.453	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	161	—	—	0.453	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	161	—	—	0.453	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	164	—	—	0.453	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	86.3	—	—	30	µg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	11.8	—	—	0.11	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	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	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.1	—	—	0.11	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.5	—	—	0.11	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.23	—	—	2	µg/L	Y	J	J	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	2.14	—	—	2	µg/L	Y	J	J	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.979	—	—	0.165	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.877	—	—	0.165	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.845	—	—	0.165	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.822	—	—	0.165	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.889	—	—	0.165	µg/L	Y	—	U	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	20.3	—	—	0.5	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.3	—	—	0.5	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.9	—	—	0.5	µg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	21.1	—	—	0.5	µg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	17.8	—	—	0.5	µg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.94	—	—	0.17	mg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.83	—	—	0.17	mg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-28	934.3	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.98	—	—	0.17	mg/L	Y	—	NQ	2013-503	CAMO-13-28416	GELC
R-28	934.3	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.63	—	—	0.085	mg/L	Y	—	NQ	2013-258	CAMO-13-24260	GELC
R-28	934.3	08/08/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.74	—	—	0.085	mg/L	Y	—	NQ	12-1481	CAMO-12-21743	GELC
R-28	934.3	07/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.945	—	—	0.05	µg/L	Y	—	NQ	2014-3789	CAMO-14-84008	GELC
R-28	934.3	05/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.931	—	—	0.1	µg/L	Y	—	NQ	2013-809	CAMO-13-30592	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.46	—	—	0.01	SU	Y	H	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	102	—	—	0.725	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	0.725	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	0.725	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.13	—	—	1.7	µg/L	Y	J	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.31	—	—	1.7	µg/L	Y	J	J	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	346	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	380	—	—	1	µg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	351	—	—	1	µg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	389	—	—	1	µg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	389	—	—	1	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	47.8	—	—	15	µg/L	Y	J	J	2014-3938	CASA-14-81523	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	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	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	40.7	—	—	15	µg/L	Y	J	J	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	37.2	—	—	15	µg/L	Y	J	J	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	33.6	—	—	15	µg/L	Y	J	J	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	29.4	—	—	15	µg/L	Y	J	J	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24	—	—	0.05	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.56	—	—	0.067	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.65	—	—	0.067	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.58	—	—	0.067	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.82	—	—	0.067	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.79	—	—	0.067	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.09	—	—	2	µg/L	Y	J	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	7.17	—	—	2	µg/L	Y	J	J	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.2	—	—	2	µg/L	Y	J	J	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.13	—	—	2	µg/L	Y	J	J	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.57	—	—	2	µg/L	Y	J	J	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	—	0.033	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.547	—	—	0.033	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.316	—	—	0.033	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.318	—	—	0.033	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.9	—	—	0.453	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84.9	—	—	0.453	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	80.2	—	—	0.453	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86.4	—	—	0.453	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	86	—	—	0.453	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.27	—	—	0.11	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.96	—	—	0.11	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.41	—	—	0.11	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.28	—	—	0.11	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.165	µg/L	Y	—	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.921	—	—	0.165	µg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.08	—	—	0.165	µg/L	Y	—	U	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.165	µg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.165	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.78	—	—	0.5	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.6	—	—	0.5	µg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.27	—	—	0.5	µg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.11	—	—	0.5	µg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.17	—	—	0.5	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.7	—	—	0.085	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.512	—	—	0.017	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.466	—	—	0.017	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	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	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.486	—	—	0.017	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.444	—	—	0.017	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	—	0.05	µg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.05	µg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	11/13/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.42	—	—	0.05	µg/L	Y	—	NQ	2013-312	CASA-13-24218	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.81	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	4.09	—	—	0.05	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.84	—	—	0.05	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.22	—	—	0.05	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.24	—	—	0.05	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.053	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	87.5	—	—	0.053	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	80.1	—	—	0.053	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	86.8	—	—	0.053	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	89.5	—	—	0.053	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.6	—	—	0.1	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.2	—	—	0.1	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18.3	—	—	0.1	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	18	—	—	0.1	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	1	uS/cm	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238	—	—	1	uS/cm	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	1	uS/cm	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	uS/cm	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	1	uS/cm	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	163	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	182	—	—	1	µg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	176	—	—	1	µg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	190	—	—	1	µg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	192	—	—	1	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.57	—	—	0.133	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.77	—	—	0.133	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.67	—	—	0.133	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.85	—	—	0.133	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	—	0.133	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	3.4	mg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	J	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.563	—	—	0.33	mg/L	Y	J	J	2014-3938	CASA-14-81517	GELC
R-35a	1013.1	05/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.496	—	—	0.33	mg/L	Y	J	J	2014-3396	CASA-14-75525	GELC
R-35a	1013.1	01/16/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.355	—	—	0.33	mg/L	Y	J	J	2014-2786	CASA-14-49688	GELC
R-35a	1013.1	11/13/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.634	—	—	0.33	mg/L	Y	J	J	2014-2458	CASA-14-45705	GELC
R-35a	1013.1	05/16/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	—	0.33	mg/L	Y	—	NQ	2013-865	CASA-13-30543	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35a	1013.1	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0442	—	—	0.017	mg/L	Y	J	J	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0507	—	—	0.017	mg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.03	—	—	0.017	mg/L	Y	J	J	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.632	—	—	0.067	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.645	—	—	0.067	µg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.653	—	—	0.067	µg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.689	—	—	0.067	µg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.607	—	—	0.067	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35a	1013.1	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81523	GELC
R-35a	1013.1	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	18.2	—	—	1	µg/L	Y	—	NQ	2014-3396	CASA-14-75533	GELC
R-35a	1013.1	01/16/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	17	—	—	1	µg/L	Y	—	NQ	2014-2786	CASA-14-49694	GELC
R-35a	1013.1	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	19.2	—	—	1	µg/L	Y	—	NQ	2014-2458	CASA-14-45713	GELC
R-35a	1013.1	05/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	18.1	—	—	1	µg/L	Y	—	NQ	2013-865	CASA-13-30551	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.7	—	—	0.725	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.9	—	—	0.725	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	0.725	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.7	—	—	0.725	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.6	—	—	0.725	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0224	—	—	0.017	mg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0201	—	—	0.017	mg/L	Y	J	J	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0354	—	—	0.017	mg/L	Y	J	J	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0215	—	—	0.017	mg/L	Y	J	J	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0479	—	—	0.017	mg/L	Y	J	U	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.95	—	—	1.7	µg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.82	—	—	1.7	µg/L	Y	J	J	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.86	—	—	1.7	µg/L	Y	J	J	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.9	—	—	1	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	36.3	—	—	1	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41	—	—	1	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	41.9	—	—	1	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.9	—	—	15	µg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24.3	—	—	15	µg/L	Y	J	J	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.3	—	—	15	µg/L	Y	J	J	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.5	—	—	15	µg/L	Y	J	J	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	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	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16	—	—	0.05	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.85	—	—	0.067	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3	—	—	0.067	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3	—	—	0.067	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	0.067	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.75	—	—	2	µg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.33	—	—	2	µg/L	Y	J	J	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.43	—	—	2	µg/L	Y	J	J	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.55	—	—	2	µg/L	Y	J	J	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.31	—	—	2	µg/L	Y	J	J	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.459	—	—	0.033	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.456	—	—	0.033	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.506	—	—	0.033	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.449	—	—	0.033	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.7	—	—	0.453	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.8	—	—	0.453	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.2	—	—	0.453	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.3	—	—	0.453	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.71	—	—	0.11	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.05	—	—	0.11	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.74	—	—	0.11	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.18	—	—	0.11	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.29	—	—	0.11	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.165	µg/L	Y	—	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.31	—	—	0.165	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.165	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.72	—	—	0.165	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.11	—	—	0.5	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.4	—	—	0.5	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.41	—	—	0.5	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.07	—	—	0.5	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.05	—	—	0.5	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	—	—	0.017	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	—	0.085	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.38	—	—	0.085	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	—	0.085	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	—	0.017	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.565	—	—	0.05	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.523	—	—	0.05	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.556	—	—	0.05	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.56	—	—	0.05	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	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	11/14/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.591	—	—	0.05	µg/L	Y	—	NQ	2013-321	CASA-13-24219	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.98	—	—	0.05	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78	—	—	0.053	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.9	—	—	0.053	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	83.1	—	—	0.053	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	uS/cm	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	uS/cm	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	uS/cm	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	uS/cm	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	uS/cm	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	61.4	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.5	—	—	1	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	65.9	—	—	1	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.1	—	—	1	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	70.9	—	—	1	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.54	—	—	0.133	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.75	—	—	0.133	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.76	—	—	0.133	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0334	—	—	0.017	mg/L	Y	J	J	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	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	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.314	—	—	0.067	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.323	—	—	0.067	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.327	—	—	0.067	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.277	—	—	0.067	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13	—	—	1	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.8	—	—	1	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	13	—	—	1	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.7	—	—	1	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-35b	825.4	07/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	15.5	—	—	3.3	µg/L	Y	—	NQ	2014-3938	CASA-14-81524	GELC
R-35b	825.4	05/07/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	20.2	—	—	3.3	µg/L	Y	—	NQ	2014-3363	CASA-14-75534	GELC
R-35b	825.4	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	23.4	—	—	3.3	µg/L	Y	—	NQ	2014-2783	CASA-14-49695	GELC
R-35b	825.4	11/13/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	33.6	—	—	3.3	µg/L	Y	—	NQ	2014-2462	CASA-14-45714	GELC
R-35b	825.4	05/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	31.4	—	—	3.3	µg/L	Y	—	NQ	2013-831	CASA-13-30552	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.4	—	—	0.725	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.4	—	—	0.725	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.9	—	—	0.725	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	0.725	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.3	—	—	0.725	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	N	1	—	—	0.725	mg/L	Y	U	U	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.03	—	—	1.7	µg/L	Y	J	J	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	94.9	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	97.1	—	—	1	µg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	90.1	—	—	1	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	186	—	—	0.453	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	192	—	—	0.453	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	188	—	—	0.453	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	194	—	—	0.453	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	197	—	—	0.453	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	187	—	—	0.453	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	14.2	—	—	0.11	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.7	—	—	0.11	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.3	—	—	0.11	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.1	—	—	0.11	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	15.2	—	—	0.11	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	14.4	—	—	0.11	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.561	—	—	0.165	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.596	—	—	0.165	µg/L	Y	—	U	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.523	—	—	0.165	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.543	—	—	0.165	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.547	—	—	0.165	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.619	—	—	0.165	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	28	—	—	0.5	µg/L	Y	—	J	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.8	—	—	0.5	µg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	24.3	—	—	0.5	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.4	—	—	0.5	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	24.4	—	—	0.5	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	23.4	—	—	0.5	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.67	—	—	0.17	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.75	—	—	0.17	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.65	—	—	0.17	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.44	—	—	0.17	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.34	—	—	0.17	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.61	—	—	0.17	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.08	—	—	0.1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.15	—	—	0.1	µg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.26	—	—	0.1	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.19	—	—	0.1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.24	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.42	—	—	0.05	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.51	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	2.57	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.28	—	—	0.05	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.53	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.3	—	—	0.1	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	500	—	—	1	uS/cm	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	486	—	—	1	uS/cm	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	504	—	—	1	uS/cm	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	484	—	—	1	uS/cm	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	483	—	—	1	uS/cm	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	488	—	—	1	uS/cm	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	198	—	—	1	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	203	—	—	1	µg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	206	—	—	1	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	203	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	206	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	195	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	81.1	—	—	1.33	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	78.8	—	—	1.33	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	75	—	—	1.33	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	76.2	—	—	0.665	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	76	—	—	0.665	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	77.7	—	—	0.665	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	Y	0.536	—	—	0.45	µg/L	Y	J	J	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Thallium	Tl	N	2	—	—	0.45	µg/L	Y	U	U	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	317	—	—	3.4	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	347	—	—	3.4	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	321	—	—	3.4	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	317	—	—	3.4	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	307	—	—	3.4	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	347	—	—	3.4	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.631	—	—	0.33	mg/L	Y	J	J	2014-3700	CAMO-14-83998	GELC
R-42	931.8	11/07/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.914	—	—	0.33	mg/L	Y	J	J	2014-2424	CAMO-14-45749	GELC
R-42	931.8	05/06/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	NQ	2013-808	CAMO-13-30577	GELC
R-42	931.8	02/01/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.918	—	—	0.33	mg/L	Y	J	J	2013-502	CAMO-13-28409	GELC
R-42	931.8	02/01/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.904	—	—	0.33	mg/L	Y	J	J	2013-502	CAMO-13-28405	GELC
R-42	931.8	10/31/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.744	—	—	0.33	mg/L	Y	J	U	2013-259	CAMO-13-24244	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.1	—	—	0.067	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.03	—	—	0.067	µg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.864	—	—	0.067	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.831	—	—	0.067	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.871	—	—	0.067	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.812	—	—	0.067	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.78	—	—	1	µg/L	Y	J	J	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.08	—	—	1	µg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.6	—	—	1	µg/L	Y	J	J	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.39	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	9.79	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.37	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	95	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	96.5	—	—	1	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	93.3	—	—	1	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	Y	21.6	—	—	15	µg/L	Y	J	J	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.2	—	—	15	µg/L	Y	J	J	2013-259	CAMO-13-24261	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	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.364	—	—	0.067	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.24	—	—	0.067	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.206	—	—	0.067	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.194	—	—	0.067	mg/L	Y	J	J	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.26	—	—	0.067	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.257	—	—	0.067	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	51.1	—	—	0.05	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	52.8	—	—	0.05	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	51.6	—	—	0.05	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	52.9	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	53.7	—	—	0.05	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	51.3	—	—	0.05	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	47.5	—	—	0.67	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	43.9	—	—	0.67	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.1	—	—	0.67	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.5	—	—	0.335	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.3	—	—	0.335	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.9	—	—	0.335	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	972	—	—	2	µg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	890	—	—	2	µg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	932	—	—	2	µg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	1040	—	—	40	µg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	1070	—	—	40	µg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	1010	—	—	40	µg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-42	931.8	07/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00657	—	—	0.0017	mg/L	Y	—	NQ	2014-3700	CAMO-14-83998	GELC
R-42	931.8	11/07/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00814	—	—	0.0017	mg/L	Y	—	NQ	2014-2424	CAMO-14-45749	GELC
R-42	931.8	11/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00504	—	—	0.0015	mg/L	Y	—	NQ	12-323	CAMO-12-1491	GELC
R-42	931.8	08/02/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00361	—	—	0.0015	mg/L	Y	J	J	11-3009	CAMO-11-24639	GELC
R-42	931.8	05/31/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00293	—	—	0.0015	mg/L	Y	J	J	11-2580	CAMO-11-10717	GELC
R-42	931.8	07/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2014-3700	CAMO-14-84009	GELC
R-42	931.8	11/07/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.258	—	—	0.033	mg/L	Y	—	NQ	2014-2424	CAMO-14-45765	GELC
R-42	931.8	05/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	2013-808	CAMO-13-30593	GELC
R-42	931.8	02/01/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.232	—	—	0.033	mg/L	Y	—	NQ	2013-502	CAMO-13-28417	GELC
R-42	931.8	02/01/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	2013-502	CAMO-13-28406	GELC
R-42	931.8	10/31/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	—	0.033	mg/L	Y	—	NQ	2013-259	CAMO-13-24261	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.21	—	—	0.01	SU	Y	H	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.1	—	—	0.725	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.6	—	—	0.725	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.8	—	—	0.725	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.5	—	—	0.725	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.5	—	—	0.725	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	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	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	N	1	—	—	0.725	mg/L	Y	U	U	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.6	—	—	0.725	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0518	—	—	0.017	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0448	—	—	0.017	mg/L	Y	J	J	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0414	—	—	0.017	mg/L	Y	J	U	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0948	—	—	0.017	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0251	—	—	0.017	mg/L	Y	J	U	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0561	—	—	0.017	mg/L	Y	—	U	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.7	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.6	—	—	1	µg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.84	—	—	0.067	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.92	—	—	0.067	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.3	—	—	0.067	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.98	—	—	0.067	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.96	—	—	0.067	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.31	—	—	0.067	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.81	—	—	0.067	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	78.8	—	—	2	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	75.2	—	—	2	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	74	—	—	2	µg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	72.7	—	—	2	µg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	70.5	—	—	2	µg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	69.9	—	—	2	µg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	55.7	—	—	2	µg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.294	—	—	0.033	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.307	—	—	0.033	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.347	—	—	0.033	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.381	—	—	0.033	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.351	—	—	0.033	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.2	—	—	0.453	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.9	—	—	0.453	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	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	01/21/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.7	—	—	0.453	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.4	—	—	0.453	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.8	—	—	0.453	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.4	—	—	0.453	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	0.11	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.62	—	—	0.11	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.91	—	—	0.11	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.165	µg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.62	—	—	0.165	µg/L	Y	—	U	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.664	—	—	0.5	µg/L	Y	J	J	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.655	—	—	0.5	µg/L	Y	J	J	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.44	—	—	0.5	µg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.27	—	—	0.5	µg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.11	—	—	0.5	µg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.24	—	—	0.5	µg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.99	—	—	0.5	µg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.18	—	—	0.17	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.01	—	—	0.17	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.32	—	—	0.17	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.5	—	—	0.17	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.15	—	—	0.17	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.5	—	—	0.085	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.35	—	—	0.085	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.951	—	—	0.05	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.954	—	—	0.05	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.9	—	—	0.05	µg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.939	—	—	0.05	µg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.925	—	—	0.05	µg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.89	—	—	0.05	µg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	—	0.1	µg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.65	—	—	0.05	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.89	—	—	1.5	µg/L	Y	J	J	2014-3832	CASA-14-81525	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	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	Y	1.67	—	—	1.5	µg/L	Y	J	J	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.76	—	—	1.5	µg/L	Y	J	J	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.12	—	—	1.5	µg/L	Y	J	J	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Selenium	Se	Y	1.99	—	—	1.5	µg/L	Y	J	J	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	2.09	—	—	1.5	µg/L	Y	J	J	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	1.95	—	—	1.5	µg/L	Y	J	J	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.7	—	—	0.1	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	uS/cm	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	uS/cm	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	uS/cm	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	uS/cm	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	uS/cm	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	uS/cm	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	uS/cm	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	68.8	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.7	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	66.9	—	—	1	µg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.7	—	—	1	µg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.3	—	—	1	µg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.8	—	—	1	µg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13	—	—	0.133	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.3	—	—	0.133	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.1	—	—	0.133	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.6	—	—	0.133	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	21	—	—	0.266	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	—	0.133	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2014-2514	CASA-14-45716	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	07/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.388	—	—	0.33	mg/L	Y	J	J	2014-3832	CASA-14-81519	GELC
R-43 S1	903.9	07/15/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.418	—	—	0.33	mg/L	Y	J	J	2014-3832	CASA-14-81514	GELC
R-43 S1	903.9	04/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.683	—	—	0.33	mg/L	Y	J	J	2014-3328	CASA-14-75528	GELC
R-43 S1	903.9	01/21/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.596	—	—	0.33	mg/L	Y	J	J	2014-2795	CASA-14-49690	GELC
R-43 S1	903.9	01/21/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.462	—	—	0.33	mg/L	Y	J	J	2014-2795	CASA-14-49685	GELC
R-43 S1	903.9	11/19/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.959	—	—	0.33	mg/L	Y	J	J	2014-2514	CASA-14-45708	GELC
R-43 S1	903.9	07/16/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.657	—	—	0.33	mg/L	Y	J	J	2013-1172	CASA-13-36989	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.122	—	—	0.067	µg/L	Y	J	J	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.118	—	—	0.067	µg/L	Y	J	J	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.116	—	—	0.067	µg/L	Y	J	J	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.092	—	—	0.067	µg/L	Y	J	J	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.088	—	—	0.067	µg/L	Y	J	J	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.142	—	—	0.067	µg/L	Y	J	J	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.119	—	—	0.067	µg/L	Y	J	J	2013-1172	CASA-13-36993	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.09	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81525	GELC
R-43 S1	903.9	07/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.68	—	—	1	µg/L	Y	—	NQ	2014-3832	CASA-14-81515	GELC
R-43 S1	903.9	04/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.23	—	—	1	µg/L	Y	—	NQ	2014-3328	CASA-14-75536	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.66	—	—	1	µg/L	Y	—	NQ	2014-2795	CASA-14-49696	GELC
R-43 S1	903.9	01/21/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.74	—	—	1	µg/L	Y	—	NQ	2014-2795	CASA-14-49686	GELC
R-43 S1	903.9	11/19/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	2014-2514	CASA-14-45716	GELC
R-43 S1	903.9	07/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.61	—	—	1	µg/L	Y	—	NQ	2013-1172	CASA-13-36993	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	0.725	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.7	—	—	0.725	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	0.725	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	0.725	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	0.725	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	82.9	—	—	68	µg/L	Y	J	J	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	69	—	—	68	µg/L	Y	J	U	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	19.6	—	—	1	µg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	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	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.53	—	—	0.067	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.5	—	—	0.067	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	—	0.067	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	0.067	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.067	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	18.7	—	—	2	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17	—	—	2	µg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	16.8	—	—	2	µg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	14.8	—	—	2	µg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	17.5	—	—	2	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.525	—	—	0.033	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.284	—	—	0.033	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.269	—	—	0.033	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.033	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45	—	—	0.453	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.9	—	—	0.453	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.2	—	—	0.453	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.62	—	—	0.11	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.37	—	—	0.11	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.52	—	—	0.11	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.44	—	—	0.11	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.826	—	—	0.165	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.784	—	—	0.165	µg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.876	—	—	0.165	µg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.849	—	—	0.165	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.694	—	—	0.5	µg/L	Y	J	J	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.728	—	—	0.5	µg/L	Y	J	J	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.978	—	—	0.5	µg/L	Y	J	J	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.17	—	—	0.5	µg/L	Y	J	J	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.22	—	—	0.5	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.19	—	—	0.085	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	—	—	0.085	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.29	—	—	0.085	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.017	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.986	—	—	0.017	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	—	0.05	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.05	µg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.32	—	—	1	µg/L	Y	J	J	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.34	—	—	1	µg/L	Y	J	J	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.3	—	—	1	µg/L	Y	J	J	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.58	—	—	1	µg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.58	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	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	01/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.455	—	—	0.05	µg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.429	—	—	0.05	µg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	11/12/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.395	—	—	0.05	µg/L	Y	—	NQ	2013-307	CAMO-13-24262	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.15	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.03	—	—	0.05	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67	—	—	0.053	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	J-	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.47	—	—	0.1	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.86	—	—	0.1	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.45	—	—	0.1	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.13	—	—	0.1	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.93	—	—	0.1	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	uS/cm	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	uS/cm	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	uS/cm	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	uS/cm	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	uS/cm	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.9	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.5	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	E	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.52	—	—	0.133	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.47	—	—	0.133	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.33	—	—	0.133	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.26	—	—	0.133	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S1	895	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.46	—	—	0.067	µg/L	Y	—	NQ	2014-3747	CAMO-14-84010	GELC
R-44 S1	895	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.438	—	—	0.067	µg/L	Y	—	NQ	2014-3388	CAMO-14-75515	GELC
R-44 S1	895	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.489	—	—	0.067	µg/L	Y	—	NQ	2014-2765	CAMO-14-49677	GELC
R-44 S1	895	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.455	—	—	0.067	µg/L	Y	—	NQ	2014-2411	CAMO-14-45766	GELC
R-44 S1	895	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.429	—	—	0.067	µg/L	Y	—	NQ	2013-830	CAMO-13-30594	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2014-2411	CAMO-14-45767	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	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.7	—	—	0.725	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	0.725	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	0.725	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.9	—	—	0.725	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.725	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.6	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	0.067	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	6	—	—	2	µg/L	Y	J	J	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.74	—	—	2	µg/L	Y	J	J	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.27	—	—	2	µg/L	Y	J	J	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.07	—	—	2	µg/L	Y	J	J	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.02	—	—	2	µg/L	Y	J	J	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.033	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.582	—	—	0.033	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.34	—	—	0.033	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.314	—	—	0.033	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48	—	—	0.453	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.4	—	—	0.453	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.6	—	—	0.453	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.9	—	—	0.453	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.99	—	—	0.11	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.04	—	—	0.11	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.775	—	—	0.165	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	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	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.636	—	—	0.165	µg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.761	—	—	0.165	µg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.9	—	—	0.165	µg/L	Y	—	U	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.768	—	—	0.165	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.514	—	—	0.5	µg/L	Y	J	J	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.741	—	—	0.5	µg/L	Y	J	J	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.856	—	—	0.5	µg/L	Y	J	J	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.661	—	—	0.5	µg/L	Y	J	J	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.654	—	—	0.017	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.693	—	—	0.017	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.865	—	—	0.085	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.599	—	—	0.017	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.565	—	—	0.017	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.351	—	—	0.05	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.351	—	—	0.05	µg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	11/12/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.343	—	—	0.05	µg/L	Y	—	NQ	2013-307	CAMO-13-24263	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	uS/cm	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	uS/cm	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	uS/cm	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	uS/cm	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	uS/cm	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.1	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.4	—	—	1	µg/L	Y	E	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	58.6	—	—	1	µg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	59.4	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.85	—	—	0.133	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.89	—	—	0.133	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.97	—	—	0.133	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	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	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.06	—	—	0.133	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.86	—	—	0.133	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.518	—	—	0.067	µg/L	Y	—	NQ	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.516	—	—	0.067	µg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.587	—	—	0.067	µg/L	Y	—	NQ	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.567	—	—	0.067	µg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.515	—	—	0.067	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-44 S2	985.3	07/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.06	—	—	1	µg/L	Y	J	J	2014-3747	CAMO-14-84011	GELC
R-44 S2	985.3	05/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.64	—	—	1	µg/L	Y	—	NQ	2014-3388	CAMO-14-75516	GELC
R-44 S2	985.3	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.88	—	—	1	µg/L	Y	J	J	2014-2765	CAMO-14-49678	GELC
R-44 S2	985.3	11/06/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.38	—	—	1	µg/L	Y	—	NQ	2014-2411	CAMO-14-45767	GELC
R-44 S2	985.3	05/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.16	—	—	1	µg/L	Y	—	NQ	2013-830	CAMO-13-30595	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.1	—	—	0.725	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	—	0.725	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	—	0.725	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.4	—	—	0.725	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	0.725	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	0.725	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.77	—	—	1.7	µg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.47	—	—	1.7	µg/L	Y	J	J	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.5	—	—	1	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.1	—	—	1	µg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.5	—	—	1	µg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	16.8	—	—	1	µg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.3	—	—	1	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.3	—	—	1	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.3	—	—	15	µg/L	Y	J	J	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2013-1091	CAMO-13-36983	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	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.34	—	—	0.067	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.46	—	—	0.335	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.67	—	—	0.067	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.71	—	—	0.067	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.64	—	—	0.067	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.6	—	—	0.067	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	106	—	—	10	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	126	—	—	2	µg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	112	—	—	2	µg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	114	—	—	2	µg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	83.9	—	—	2	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	95.4	—	—	2	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.22	—	—	0.033	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.247	—	—	0.033	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.296	—	—	0.033	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.295	—	—	0.033	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.33	—	—	0.033	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	—	0.033	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.9	—	—	0.453	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.3	—	—	0.453	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.1	—	—	0.453	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.6	—	—	0.453	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.68	—	—	0.11	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5	—	—	0.11	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.69	—	—	0.11	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.73	—	—	0.11	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.43	—	—	0.11	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	5.01	—	—	0.11	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.63	—	—	2	µg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.99	—	—	0.165	µg/L	Y	—	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.891	—	—	0.165	µg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.165	µg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.58	—	—	0.165	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	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	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.165	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.85	—	—	0.5	µg/L	Y	N*	J+	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	9.84	—	—	0.5	µg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.41	—	—	0.5	µg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.32	—	—	0.5	µg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8	—	—	0.5	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.66	—	—	0.5	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.8	—	—	0.085	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.89	—	—	0.085	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.84	—	—	0.085	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.81	—	—	0.085	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.53	—	—	0.085	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.65	—	—	0.085	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.595	—	—	0.05	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.611	—	—	0.05	µg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.553	—	—	0.05	µg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.563	—	—	0.05	µg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.498	—	—	0.05	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.512	—	—	0.05	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72	—	—	0.053	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	N	J+	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	uS/cm	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	uS/cm	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	uS/cm	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	uS/cm	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	uS/cm	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	uS/cm	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	65.3	—	—	1	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69	—	—	1	µg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.1	—	—	1	µg/L	Y	E	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66	—	—	1	µg/L	Y	E	NQ	2014-2784	CAMO-14-49662	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	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	61.7	—	—	1	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	66.9	—	—	1	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.9	—	—	0.133	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.78	—	—	0.133	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	—	—	0.133	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.53	—	—	0.33	mg/L	Y	—	NQ	2014-3981	CAMO-14-84003	GELC
R-50 S1	1077	05/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.61	—	—	0.33	mg/L	Y	J	J	2014-3415	CAMO-14-75504	GELC
R-50 S1	1077	01/15/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.825	—	—	0.33	mg/L	Y	J	J	2014-2784	CAMO-14-49670	GELC
R-50 S1	1077	01/15/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.824	—	—	0.33	mg/L	Y	J	J	2014-2784	CAMO-14-49661	GELC
R-50 S1	1077	11/12/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.65	—	—	0.33	mg/L	Y	—	NQ	2014-2449	CAMO-14-45754	GELC
R-50 S1	1077	07/09/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.16	—	—	0.33	mg/L	Y	—	NQ	2013-1091	CAMO-13-36975	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0357	—	—	0.017	mg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.127	—	—	0.017	mg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0289	—	—	0.017	mg/L	Y	J	J	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0386	—	—	0.017	mg/L	Y	J	J	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0189	—	—	0.017	mg/L	Y	J	J	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.524	—	—	0.067	µg/L	Y	N	J+	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.548	—	—	0.067	µg/L	Y	—	NQ	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.604	—	—	0.067	µg/L	Y	—	NQ	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	NQ	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.581	—	—	0.067	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.63	—	—	0.067	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5	—	—	1	µg/L	Y	—	NQ	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.48	—	—	1	µg/L	Y	J	J	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.4	—	—	1	µg/L	Y	J	J	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.36	—	—	1	µg/L	Y	J	J	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.65	—	—	1	µg/L	Y	—	NQ	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.12	—	—	1	µg/L	Y	—	NQ	2013-1091	CAMO-13-36983	GELC
R-50 S1	1077	07/22/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.06	—	—	3.3	µg/L	Y	J	J	2014-3981	CAMO-14-84014	GELC
R-50 S1	1077	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-3415	CAMO-14-75519	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.35	—	—	3.3	µg/L	Y	J	J	2014-2784	CAMO-14-49681	GELC
R-50 S1	1077	01/15/14	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7.14	—	—	3.3	µg/L	Y	J	J	2014-2784	CAMO-14-49662	GELC
R-50 S1	1077	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	6.9	—	—	3.3	µg/L	Y	J	J	2014-2449	CAMO-14-45770	GELC
R-50 S1	1077	07/09/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	7	—	—	3.3	µg/L	Y	J	J	2013-1091	CAMO-13-36983	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2014-2784	CAMO-14-49682	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	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.1	—	—	0.725	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.8	—	—	0.725	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	0.725	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.1	—	—	0.725	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	0.725	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.8	—	—	1	µg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17	—	—	15	µg/L	Y	J	J	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.3	—	—	15	µg/L	Y	J	J	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.1	—	—	0.067	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	0.067	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.1	—	—	0.067	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	—	0.033	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.317	—	—	0.033	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.358	—	—	0.033	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.394	—	—	0.033	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.57	—	—	0.033	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.9	—	—	0.453	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	0.453	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.6	—	—	0.453	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.3	—	—	0.453	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.77	—	—	0.11	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.19	—	—	0.11	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.985	—	—	0.165	µg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.165	µg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.29	—	—	0.165	µg/L	Y	—	U	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.165	µg/L	Y	—	NQ	2013-1101	CAMO-13-36984	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	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.12	—	—	0.5	µg/L	Y	J	J	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.76	—	—	0.5	µg/L	Y	J	J	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.07	—	—	0.5	µg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.39	—	—	0.5	µg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0543	—	—	0.033	mg/L	Y	J	J	2014-4024	CAMO-14-84004	GELC
R-50 S2	1185	05/19/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	2014-3407	CAMO-14-75505	GELC
R-50 S2	1185	01/15/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-2784	CAMO-14-49671	GELC
R-50 S2	1185	11/12/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-2449	CAMO-14-45755	GELC
R-50 S2	1185	07/10/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-1101	CAMO-13-36976	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0533	—	—	0.017	mg/L	Y	—	J	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0425	—	—	0.017	mg/L	Y	J	J	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0581	—	—	0.017	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.121	—	—	0.017	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.446	—	—	0.067	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.549	—	—	0.067	µg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.611	—	—	0.067	µg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.567	—	—	0.067	µg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.24	—	—	1	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.11	—	—	1	µg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	6.62	—	—	1	µg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.94	—	—	1	µg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.69	—	—	1	µg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.69	—	—	0.5	µg/L	Y	J	J	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.465	—	—	0.017	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.479	—	—	0.017	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.459	—	—	0.017	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.495	—	—	0.017	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.444	—	—	0.085	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.301	—	—	0.05	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.318	—	—	0.05	µg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.315	—	—	0.05	µg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.311	—	—	0.05	µg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.23	—	—	0.05	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.4	—	—	0.053	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	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	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76	—	—	0.053	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	80.3	—	—	0.053	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	EN	J+	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	uS/cm	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	uS/cm	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	uS/cm	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	uS/cm	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	uS/cm	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.3	—	—	1	µg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	49.8	—	—	1	µg/L	Y	E	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	—	—	0.133	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-50 S2	1185	05/19/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.41	—	—	0.133	mg/L	Y	—	NQ	2014-3407	CAMO-14-75520	GELC
R-50 S2	1185	01/15/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.48	—	—	0.133	mg/L	Y	—	NQ	2014-2784	CAMO-14-49682	GELC
R-50 S2	1185	11/12/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	2014-2449	CAMO-14-45771	GELC
R-50 S2	1185	07/10/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.48	—	—	0.133	mg/L	Y	—	NQ	2013-1101	CAMO-13-36984	GELC
R-50 S2	1185	07/24/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2014-4024	CAMO-14-84015	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.8	—	—	0.01	SU	Y	H	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.04	—	—	0.01	SU	Y	H	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.5	—	—	0.725	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.1	—	—	0.725	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.6	—	—	0.725	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.9	—	—	0.725	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.1	—	—	0.725	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.2	—	—	0.725	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	0.725	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.1	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.4	—	—	1	µg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.9	—	—	1	µg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	13.6	—	—	1	µg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	15.6	—	—	1	µg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	14.9	—	—	1	µg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	20.3	—	—	1	µg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.3	—	—	15	µg/L	Y	J	J	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-3426	CAMO-14-75487	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-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.56	—	—	0.05	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.85	—	—	0.05	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.9	—	—	0.05	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.08	—	—	0.05	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.86	—	—	0.05	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.21	—	—	0.05	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.1	—	—	0.067	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	—	0.067	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.08	—	—	0.067	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.08	—	—	0.067	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.22	—	—	0.067	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.2	—	—	0.067	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.05	—	—	0.067	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	23.3	—	—	2	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.4	—	—	2	µg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	21.4	—	—	2	µg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	19.7	—	—	2	µg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	19.1	—	—	2	µg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	19.1	—	—	2	µg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	12.6	—	—	2	µg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.307	—	—	0.033	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.41	—	—	0.033	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	—	0.033	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	—	0.033	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.5	—	—	0.453	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.4	—	—	0.453	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36	—	—	0.453	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.2	—	—	0.453	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.8	—	—	0.453	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.31	—	—	0.11	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.2	—	—	0.11	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.18	—	—	0.11	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.59	—	—	0.11	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.23	—	—	2	µg/L	Y	J	J	2014-4004	CAMO-14-84016	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-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.69	—	—	2	µg/L	Y	J	J	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.91	—	—	2	µg/L	Y	J	J	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	15.1	—	—	2	µg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	11.1	—	—	2	µg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	Y	11.1	—	—	2	µg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	12.3	—	—	2	µg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.165	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.165	µg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.77	—	—	0.165	µg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.87	—	—	0.165	µg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.23	—	—	0.165	µg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.83	—	—	0.165	µg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.675	—	—	0.5	µg/L	Y	J	J	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.659	—	—	0.5	µg/L	Y	J	J	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.65	—	—	0.5	µg/L	Y	J	J	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.06	—	—	0.5	µg/L	Y	J	J	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.27	—	—	0.5	µg/L	Y	J	J	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.25	—	—	0.5	µg/L	Y	J	J	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.5	µg/L	Y	J	J	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.94	—	—	0.085	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.98	—	—	0.085	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.31	—	—	0.085	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.89	—	—	0.085	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.88	—	—	0.085	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.93	—	—	0.085	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.61	—	—	0.085	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.47	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.67	—	—	0.5	µg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	8.53	—	—	0.5	µg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.62	—	—	0.5	µg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.31	—	—	0.5	µg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	7.42	—	—	0.5	µg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	6.67	—	—	1	µg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	7.11	—	—	0.05	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.46	—	—	0.05	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	6.66	—	—	0.05	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	7.16	—	—	0.05	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	9.35	—	—	0.05	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	9.26	—	—	0.05	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	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-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	82	—	—	0.053	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.96	—	—	0.1	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	uS/cm	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	uS/cm	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	uS/cm	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	uS/cm	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	uS/cm	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	uS/cm	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	uS/cm	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45.8	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	39.7	—	—	1	µg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	40.7	—	—	1	µg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	36.5	—	—	1	µg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	36.5	—	—	1	µg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	35.6	—	—	1	µg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	35.8	—	—	1	µg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.3	—	—	0.133	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.29	—	—	0.133	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.26	—	—	0.133	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.28	—	—	0.133	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.49	—	—	0.133	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.49	—	—	0.133	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.21	—	—	0.133	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.42	—	—	0.33	mg/L	Y	J	J	2014-4004	CAMO-14-84005	GELC
R-61 S1	1125	05/20/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.477	—	—	0.33	mg/L	Y	J	J	2014-3426	CAMO-14-75506	GELC
R-61 S1	1125	05/20/14	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.476	—	—	0.33	mg/L	Y	J	J	2014-3426	CAMO-14-75484	GELC
R-61 S1	1125	01/23/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2014-2804	CAMO-14-49672	GELC
R-61 S1	1125	11/15/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.798	—	—	0.33	mg/L	Y	J	J	2014-2491	CAMO-14-45756	GELC
R-61 S1	1125	11/15/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.847	—	—	0.33	mg/L	Y	J	J	2014-2491	CAMO-14-45726	GELC
R-61 S1	1125	07/15/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.81	—	—	0.33	mg/L	Y	J	J	2013-1150	CAMO-13-36977	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.75	—	—	0.017	mg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.74	—	—	0.017	mg/L	Y	—	NQ	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.59	—	—	0.017	mg/L	Y	—	NQ	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	2.7	—	—	0.017	mg/L	Y	—	NQ	2014-2804	CAMO-14-49683	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-61 S1	1125	11/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	2.92	—	—	0.085	mg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	2.97	—	—	0.085	mg/L	Y	—	NQ	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	4.61	—	—	0.085	mg/L	Y	—	NQ	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.154	—	—	0.067	µg/L	Y	J	J	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.124	—	—	0.067	µg/L	Y	J	J	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.125	—	—	0.067	µg/L	Y	J	J	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.11	—	—	0.067	µg/L	Y	J	J	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.167	—	—	0.067	µg/L	Y	J	J	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.175	—	—	0.067	µg/L	Y	J	J	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.183	—	—	0.067	µg/L	Y	J	J	2013-1150	CAMO-13-36985	GELC
R-61 S1	1125	07/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	2014-4004	CAMO-14-84016	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.37	—	—	1	µg/L	Y	J	J	2014-3426	CAMO-14-75521	GELC
R-61 S1	1125	05/20/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.89	—	—	1	µg/L	Y	J	J	2014-3426	CAMO-14-75487	GELC
R-61 S1	1125	01/23/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.67	—	—	1	µg/L	Y	J	J	2014-2804	CAMO-14-49683	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.03	—	—	1	µg/L	Y	—	NQ	2014-2491	CAMO-14-45772	GELC
R-61 S1	1125	11/15/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.98	—	—	1	µg/L	Y	J	J	2014-2491	CAMO-14-45729	GELC
R-61 S1	1125	07/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.91	—	—	1	µg/L	Y	J	J	2013-1150	CAMO-13-36985	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	0.01	SU	Y	H	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	0.725	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.4	—	—	0.725	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.2	—	—	0.725	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.3	—	—	0.725	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	0.725	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0502	—	—	0.017	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0367	—	—	0.017	mg/L	Y	J	U	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0277	—	—	0.017	mg/L	Y	J	J	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.452	—	—	0.017	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	64.6	—	—	1	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	70.4	—	—	1	µg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	65.6	—	—	1	µg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	69.4	—	—	1	µg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	67.1	—	—	1	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.1	—	—	15	µg/L	Y	J	J	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.632	—	—	0.067	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.607	—	—	0.067	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.633	—	—	0.067	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.595	—	—	0.067	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.683	—	—	0.067	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	68.1	—	—	0.05	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	73.6	—	—	0.05	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	67.9	—	—	0.05	mg/L	Y	—	J-	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	69.7	—	—	0.05	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	70.7	—	—	0.05	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	66.7	—	—	1.34	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	68.3	—	—	0.67	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	68.7	—	—	0.67	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	56.4	—	—	0.67	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	68.2	—	—	1.34	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	386	—	—	2	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	368	—	—	2	µg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	390	—	—	2	µg/L	Y	—	J-	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	406	—	—	2	µg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	427	—	—	2	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00595	—	—	0.0017	mg/L	Y	—	NQ	2014-4090	CASA-14-81521	GELC
SCI-2	548	05/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00594	—	—	0.0017	mg/L	Y	—	NQ	2014-3396	CASA-14-75531	GELC
SCI-2	548	01/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0046	—	—	0.0017	mg/L	Y	J	J	2014-2761	CASA-14-49692	GELC
SCI-2	548	11/14/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00837	—	—	0.0015	mg/L	Y	—	NQ	12-331	CASA-12-1376	GELC
SCI-2	548	08/11/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00689	—	—	0.0015	mg/L	Y	—	NQ	11-3176	CASA-11-24765	GELC
SCI-2	548	08/11/11	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00697	—	—	0.0015	mg/L	Y	—	NQ	11-3176	CASA-11-24767	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.281	—	—	0.033	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.172	—	—	0.033	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	—	0.033	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.206	—	—	0.033	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	237	—	—	0.453	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	255	—	—	0.453	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	237	—	—	0.453	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	242	—	—	0.453	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	245	—	—	0.453	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.4	—	—	0.11	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	17.3	—	—	0.11	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.4	—	—	0.11	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.4	—	—	0.11	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.7	—	—	0.11	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.556	—	—	0.165	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.524	—	—	0.165	µg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.633	—	—	0.165	µg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.655	—	—	0.165	µg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.615	—	—	0.165	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16.5	—	—	0.5	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.1	—	—	0.5	µg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	16	—	—	0.5	µg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18	—	—	0.5	µg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	18.6	—	—	0.5	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.07	—	—	0.085	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC

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

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	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	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.21	—	—	0.17	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.05	—	—	0.17	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.54	—	—	0.085	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.67	—	—	0.085	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.918	—	—	0.1	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.928	—	—	0.1	µg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.96	—	—	0.05	µg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.961	—	—	0.05	µg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.938	—	—	0.05	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.6	—	—	0.05	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.78	—	—	0.05	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.5	—	—	0.05	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.44	—	—	0.05	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.3	—	—	0.053	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	60	—	—	0.053	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.7	—	—	0.1	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.8	—	—	0.1	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	22.6	—	—	0.1	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.2	—	—	0.1	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	606	—	—	1	uS/cm	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	603	—	—	1	uS/cm	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	614	—	—	1	uS/cm	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	599	—	—	1	uS/cm	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	624	—	—	1	uS/cm	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	329	—	—	1	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	348	—	—	1	µg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	339	—	—	1	µg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	326	—	—	1	µg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	338	—	—	1	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	92.3	—	—	2.66	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	92.5	—	—	1.33	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	97.3	—	—	1.33	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	77.9	—	—	1.33	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	103	—	—	2.66	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	516	—	—	3.4	mg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	433	—	—	3.4	mg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	424	—	—	3.4	mg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	401	—	—	3.4	mg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	421	—	—	3.4	mg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0975	—	—	0.033	mg/L	Y	J	J	2014-4090	CASA-14-81521	GELC
SCI-2	548	05/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0715	—	—	0.033	mg/L	Y	J	J	2014-3396	CASA-14-75531	GELC
SCI-2	548	01/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0732	—	—	0.033	mg/L	Y	J	J	2014-2761	CASA-14-49692	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	07/23/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.067	—	—	0.033	mg/L	Y	J	J	2013-1309	CASA-13-36991	GELC
SCI-2	548	05/21/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.101	—	—	0.033	mg/L	Y	—	NQ	2013-874	CASA-13-30549	GELC
SCI-2	548	07/30/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.871	—	—	0.33	mg/L	Y	J	J	2014-4090	CASA-14-81521	GELC
SCI-2	548	05/14/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.961	—	—	0.33	mg/L	Y	J	J	2014-3396	CASA-14-75531	GELC
SCI-2	548	01/13/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.919	—	—	0.33	mg/L	Y	J	J	2014-2761	CASA-14-49692	GELC
SCI-2	548	07/23/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.05	—	—	0.33	mg/L	Y	—	NQ	2013-1309	CASA-13-36991	GELC
SCI-2	548	05/21/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.37	—	—	0.33	mg/L	Y	—	NQ	2013-874	CASA-13-30549	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.38	—	—	0.067	µg/L	Y	—	NQ	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.94	—	—	0.067	µg/L	Y	—	NQ	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.15	—	—	0.067	µg/L	Y	—	NQ	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2	—	—	0.067	µg/L	Y	—	NQ	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.05	—	—	0.067	µg/L	Y	—	NQ	2013-874	CASA-13-30557	GELC
SCI-2	548	07/30/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.74	—	—	1	µg/L	Y	J	J	2014-4090	CASA-14-81527	GELC
SCI-2	548	05/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.88	—	—	1	µg/L	Y	J	J	2014-3396	CASA-14-75539	GELC
SCI-2	548	01/13/14	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2014-2761	CASA-14-49698	GELC
SCI-2	548	07/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.46	—	—	1	µg/L	Y	J	J	2013-1309	CASA-13-36995	GELC
SCI-2	548	05/21/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	1.63	—	—	1	µg/L	Y	J	U	2013-874	CASA-13-30557	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	07/08/14	General chemistry	Perchlorate	ClO4	F[a]	INIT[b]	FD[c]	Y[d]	58.9	5	µg/L	100	—[e]	NQ[f]	NQ	Y	SW-846:6850	GELC[g]	4	Consent Order	14.73
Intermediate	MCOI-6	686	07/08/14	General chemistry	Perchlorate	ClO4	F	INIT	REG[h]	Y	60.1	5	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	15.03
Intermediate	MCOI-6	686	07/08/14	General chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	7.76	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL[i]	0.78
Intermediate	MCOI-6	686	07/08/14	General chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	8	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.80
Intermediate	SCI-2	548	07/30/14	General chemistry	Total Dissolved Solids	TDS	F	INIT	REG	Y	516	3.4	mg/L	1	—	NQ	NQ	Y	EPA:160.1	GELC	1000	NMWQCC GW STD[j]	0.52
Intermediate	MCOI-6	686	07/08/14	Inorganic	Chromium	Cr	F	INIT	FD	Y	80.9	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.62
Intermediate	MCOI-6	686	07/08/14	Inorganic	Chromium	Cr	F	INIT	REG	Y	80.1	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.60
Intermediate	SCI-2	548	07/30/14	Inorganic	Chromium	Cr	F	INIT	REG	Y	386	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	7.72
Regional	R-61 S1	1125	07/23/14	General chemistry	Perchlorate	ClO4	F	INIT	REG	Y	8.47	1	µg/L	20	—	NQ	NQ	Y	SW-846:6850	GELC	4	Consent Order	2.12
Regional	R-11	855	07/11/14	General chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.8	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.58
Regional	R-42	931.8	07/08/14	General chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	6.67	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.67
Regional	R-43 S1	903.9	07/15/14	General chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	5.01	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.50
Regional	R-43 S1	903.9	07/15/14	General chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.18	0.17	mg/L	10	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.52
Regional	R-11	855	07/11/14	Inorganic	Chromium	Cr	F	INIT	REG	Y	25.4	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	0.51
Regional	R-28	934.3	07/11/14	Inorganic	Chromium	Cr	F	INIT	REG	Y	362	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	7.24
Regional	R-42	931.8	07/08/14	Inorganic	Chromium	Cr	F	INIT	REG	Y	972	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	19.44
Regional	R-43 S1	903.9	07/15/14	Inorganic	Chromium	Cr	F	INIT	FD	Y	75.2	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.50
Regional	R-43 S1	903.9	07/15/14	Inorganic	Chromium	Cr	F	INIT	REG	Y	78.8	2	µg/L	1	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	1.58
Regional	R-50 S1	1077	07/22/14	Inorganic	Chromium	Cr	F	INIT	REG	Y	106	10	µg/L	5	—	NQ	NQ	Y	SW-846:6020	GELC	50	NMWQCC GW STD	2.12

[a] F = Filtered.

[b] INIT = Initial.

[c] FD = Field duplicate.

[d] Y = Yes.

[e] — = None.

[f] NQ = Not qualified.

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

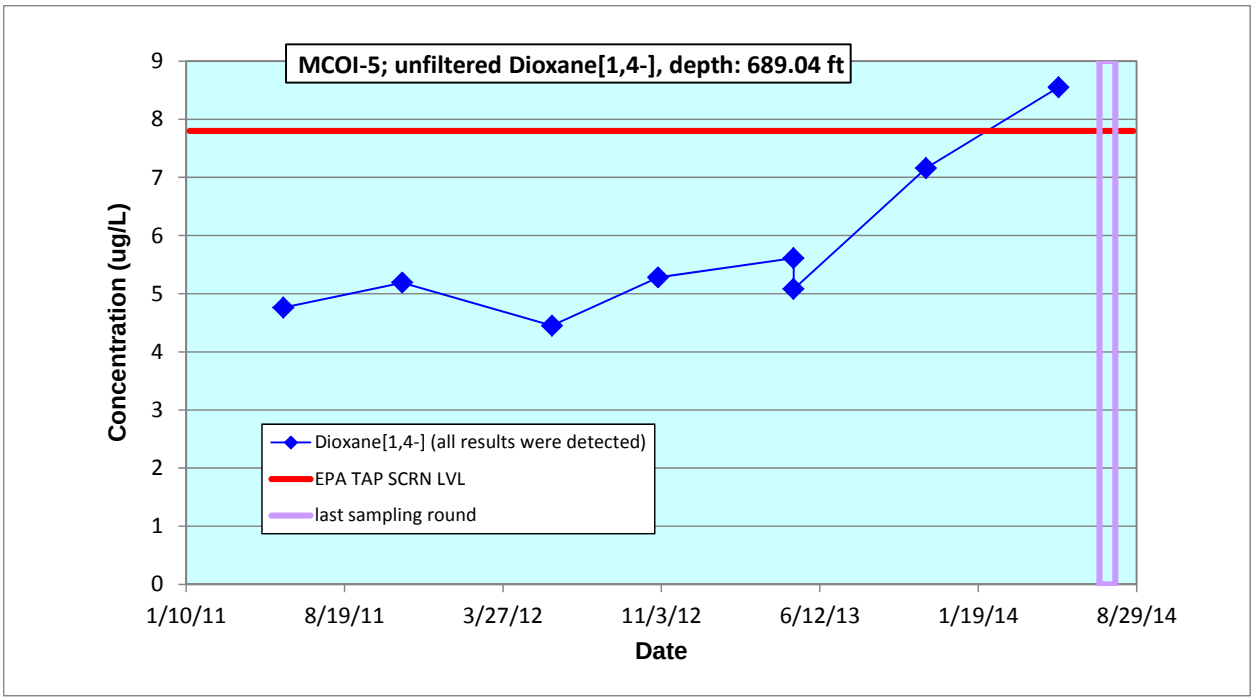
[h] REG = Regular.

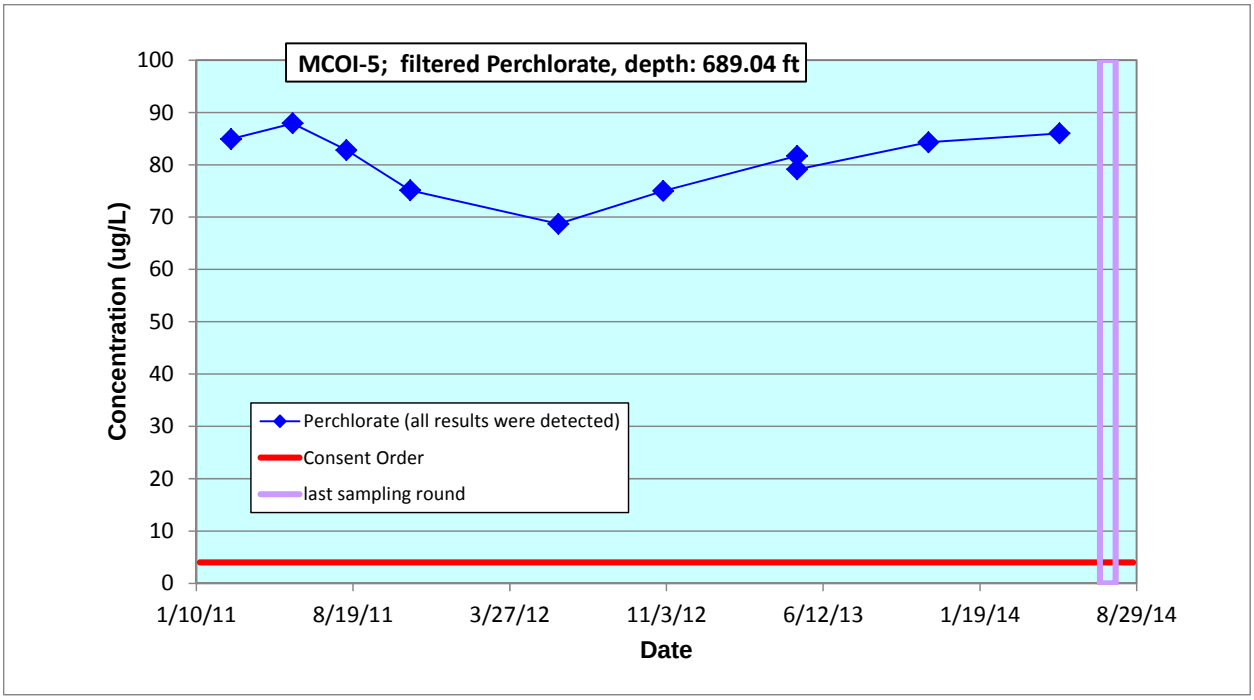
[i] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.

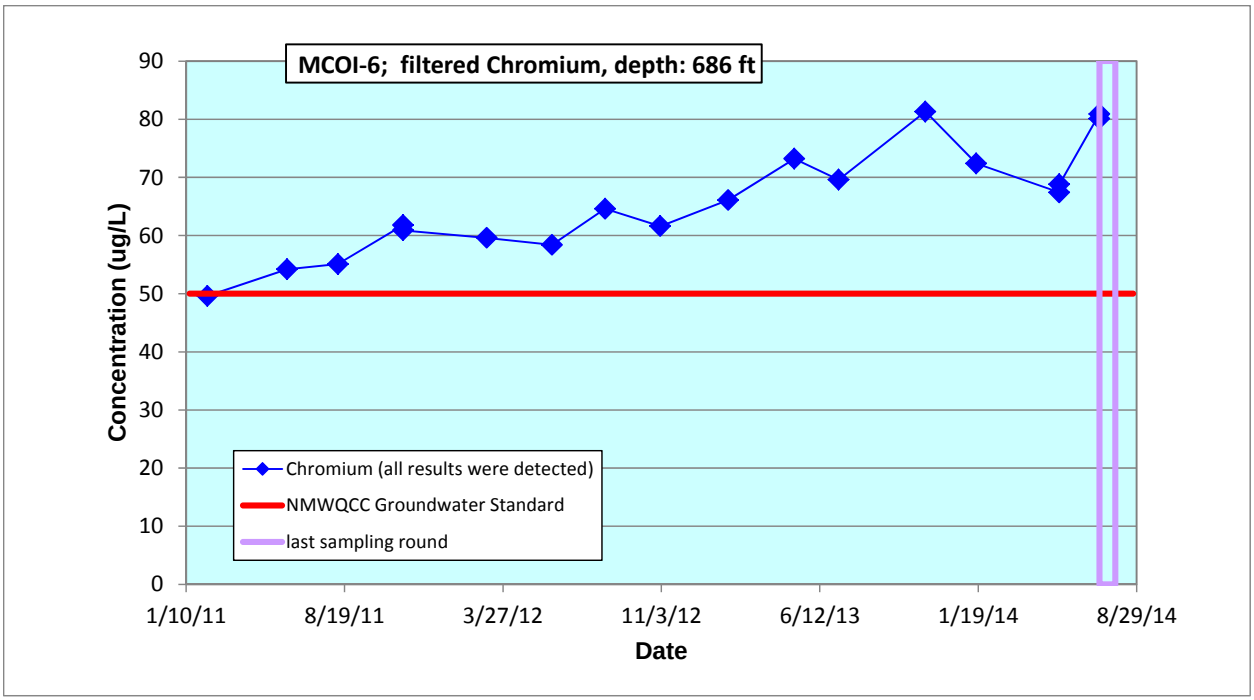
[j] NMWQCC GW STD = New Mexico Water Quality Control Commission groundwater standard.

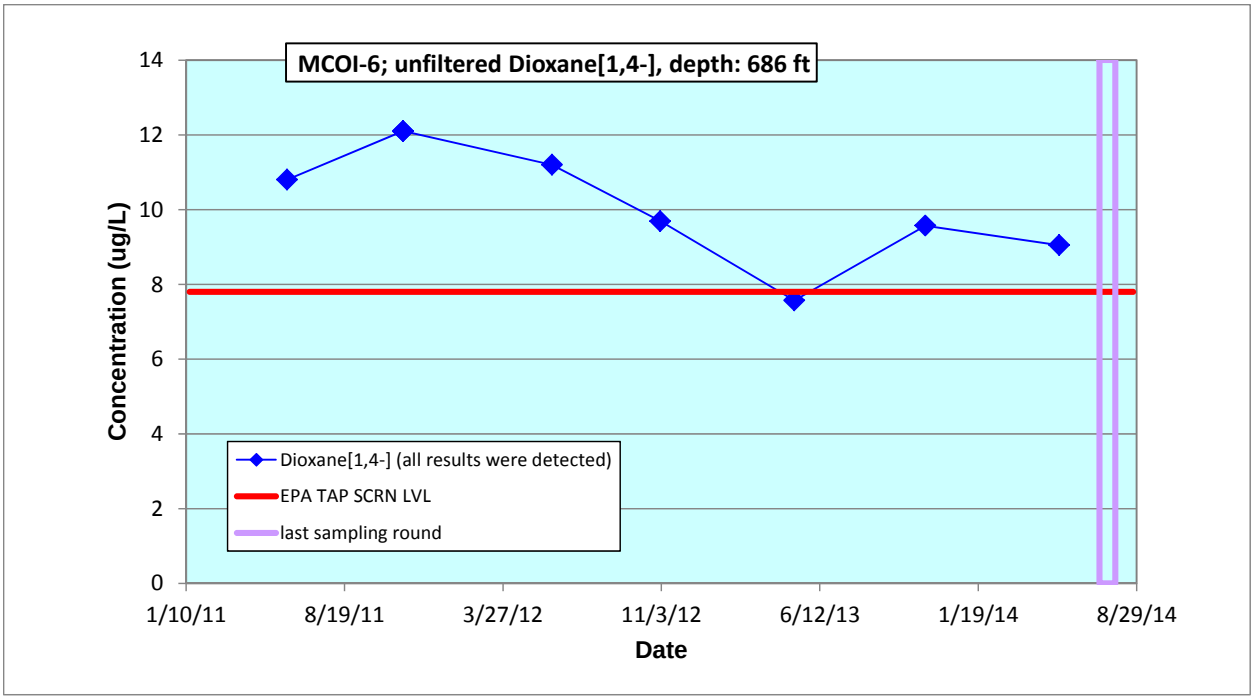
Appendix E

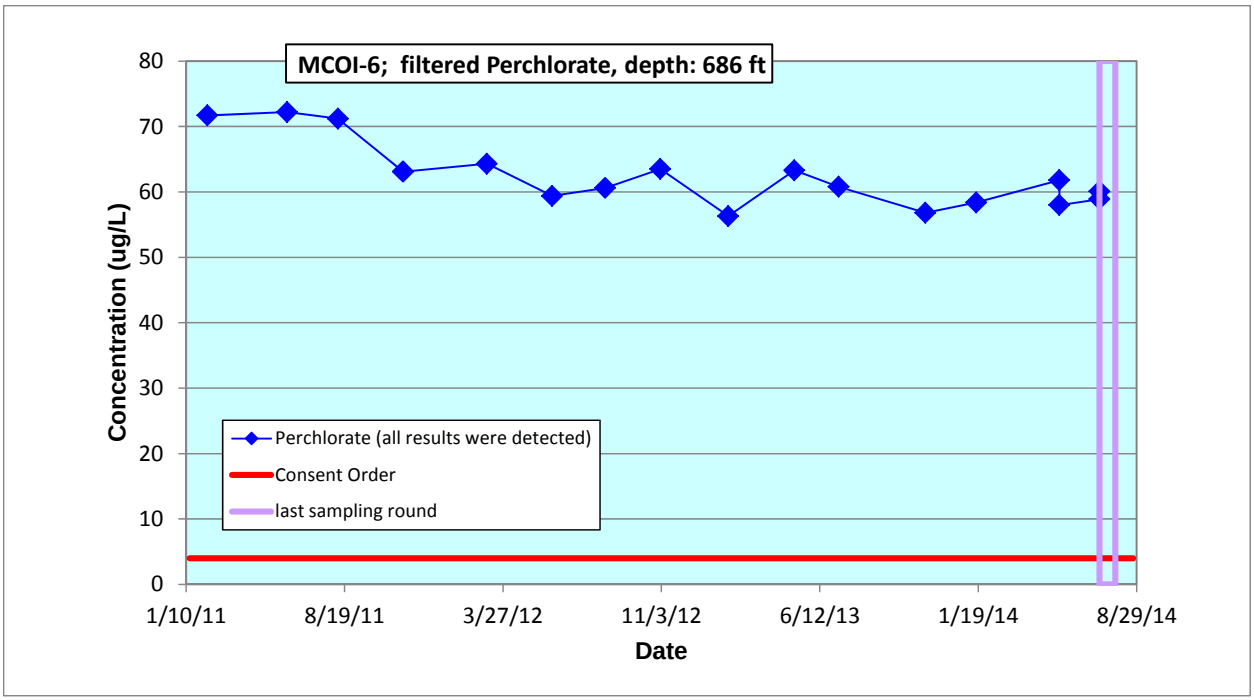
Analytical Chemistry Graphs of Screening-Level Exceedances

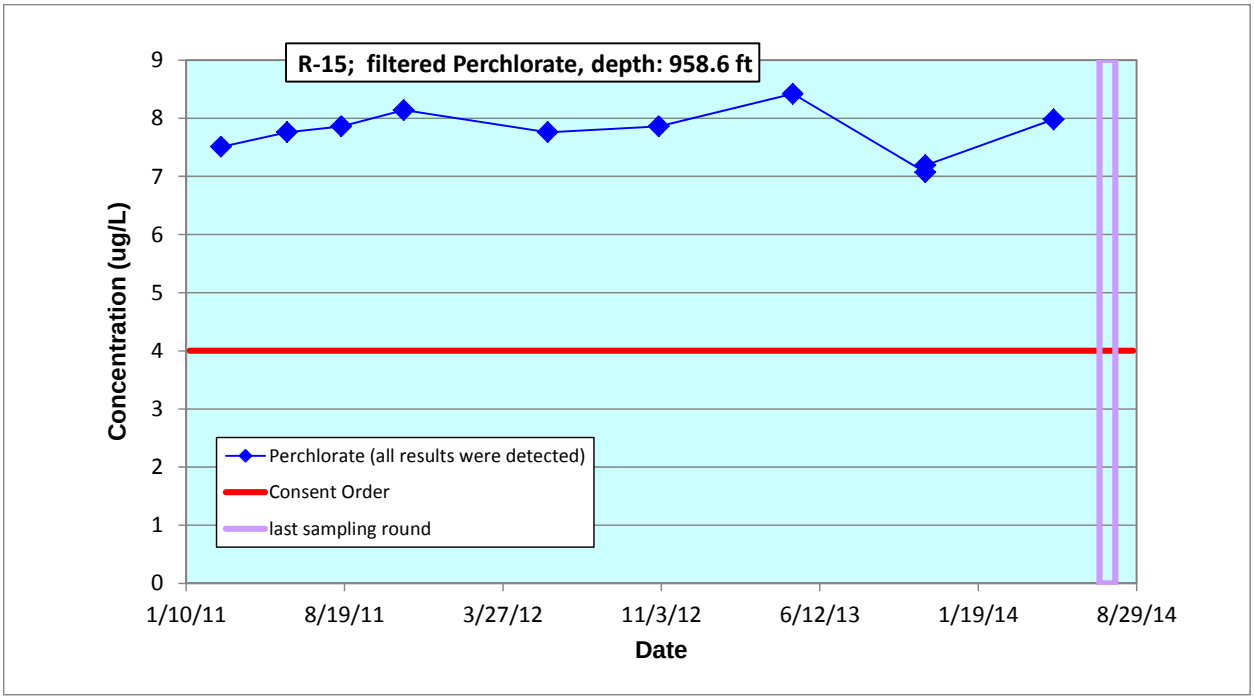

MCOI-5; unfiltered Dioxane[1,4-], depth: 689.04 ft
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
9
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Dioxane[1,4-] (all results were detected)
EPA TAP SCRN LVL
last sampling round

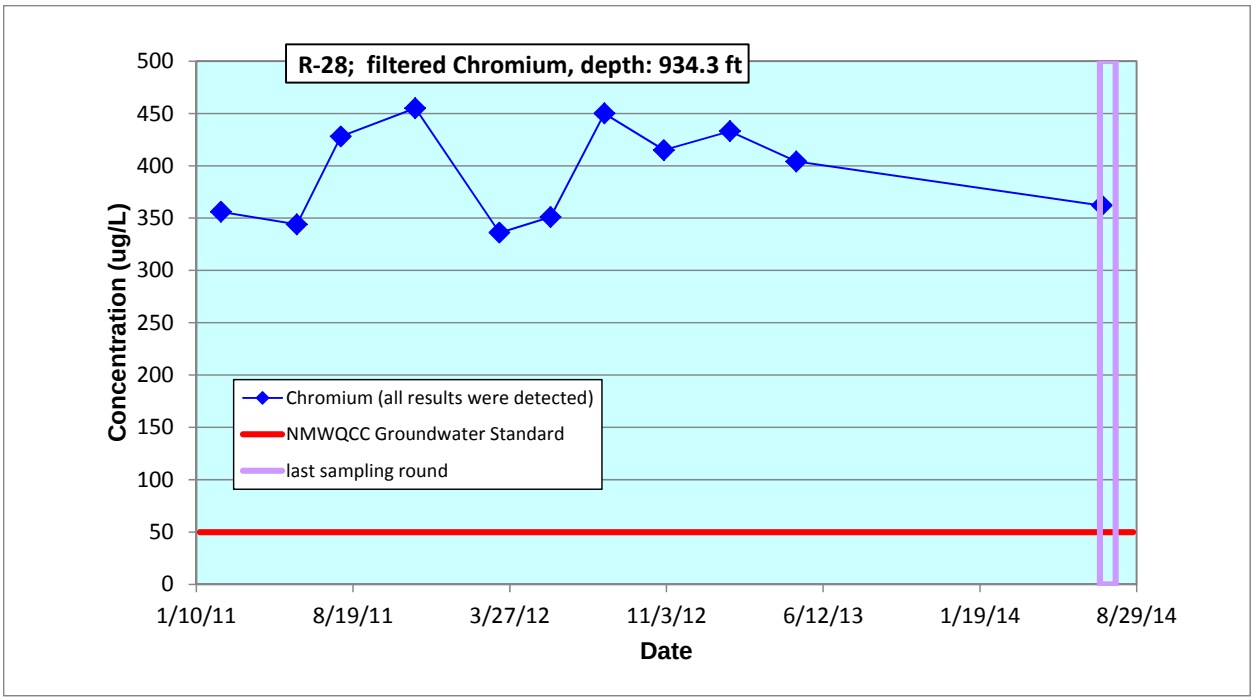

MCOI-5; filtered Perchlorate, depth: 689.04 ft
Concentration (ug/L)
0
10
20
30
40
50
60
70
80
90
100
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

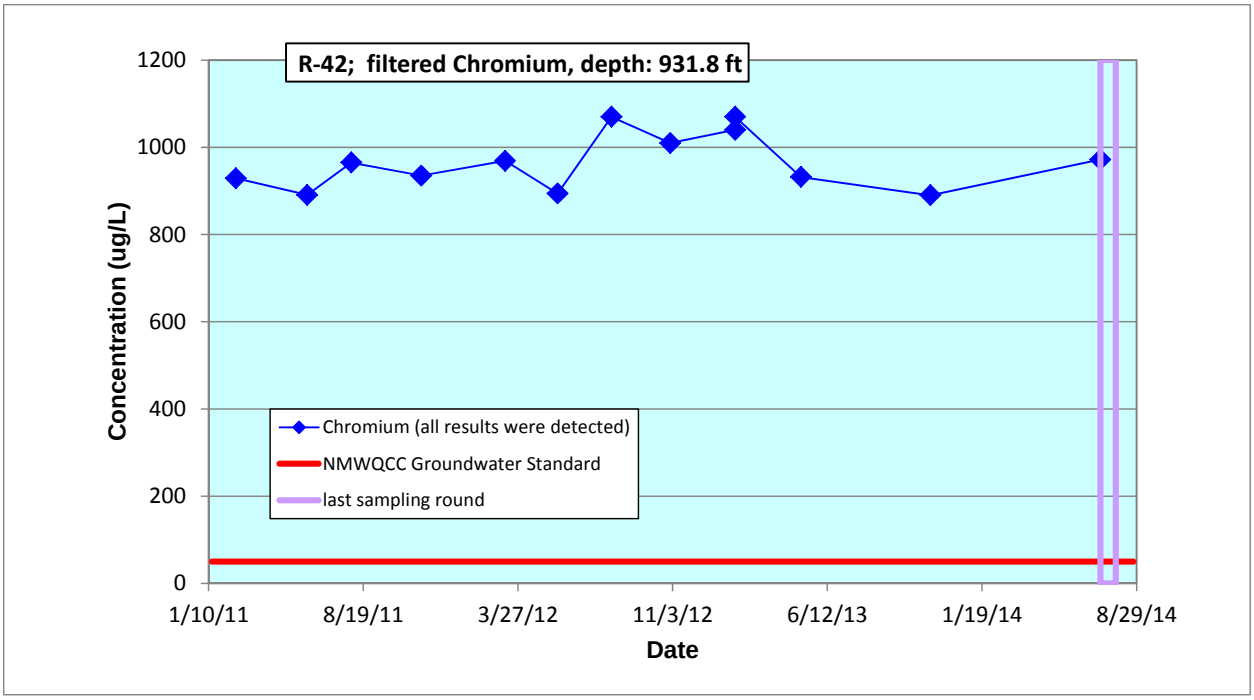

MCOI-6; filtered Chromium, depth: 686 ft
Concentration (ug/L)
90
80
70
60
50
40
30
20
10
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

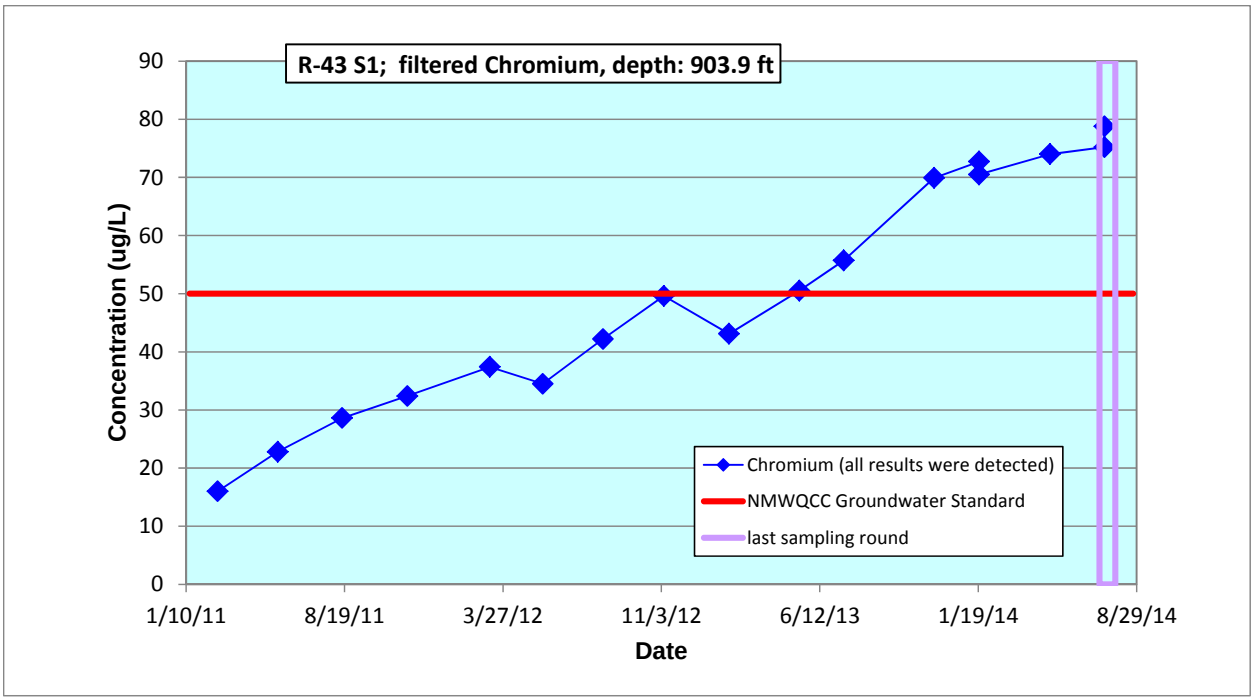

MCOI-6; unfiltered Dioxane[1,4-], depth: 686 ft
Concentration (ug/L)
14
12
10
8
6
4
2
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Dioxane[1,4-] (all results were detected)
EPA TAP SCRN LVL
last sampling round

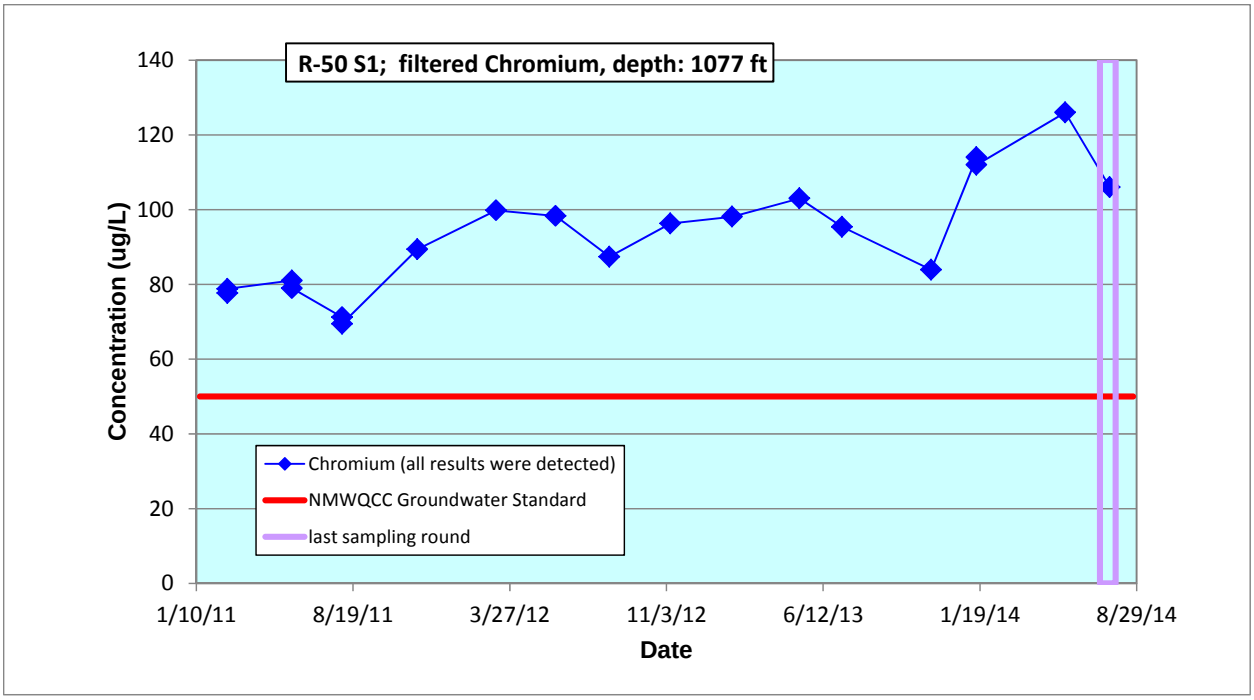

MCOI-6; filtered Perchlorate, depth: 686 ft
Concentration (ug/L)
80
70
60
50
40
30
20
10
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

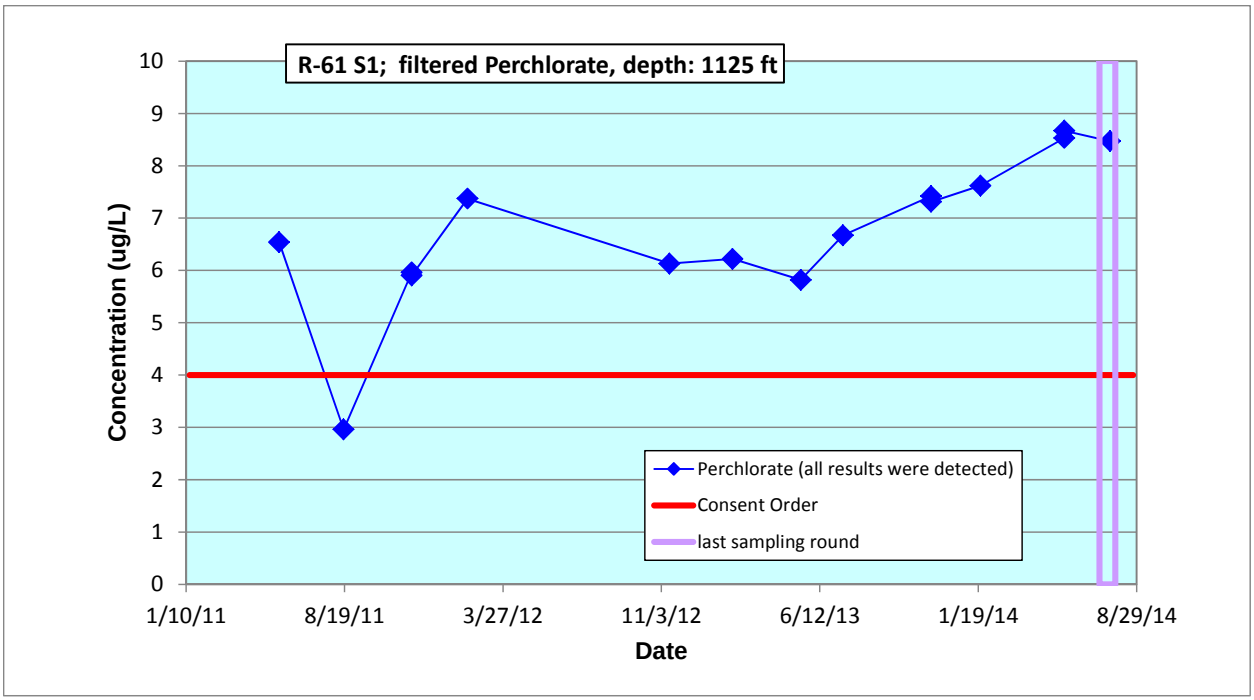

R-15; filtered Perchlorate, depth: 958.6 ft
Concentration (ug/L)
9
8
7
6
5
4
3
2
1
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Perchlorate (all results were detected)
Consent Order
last sampling round

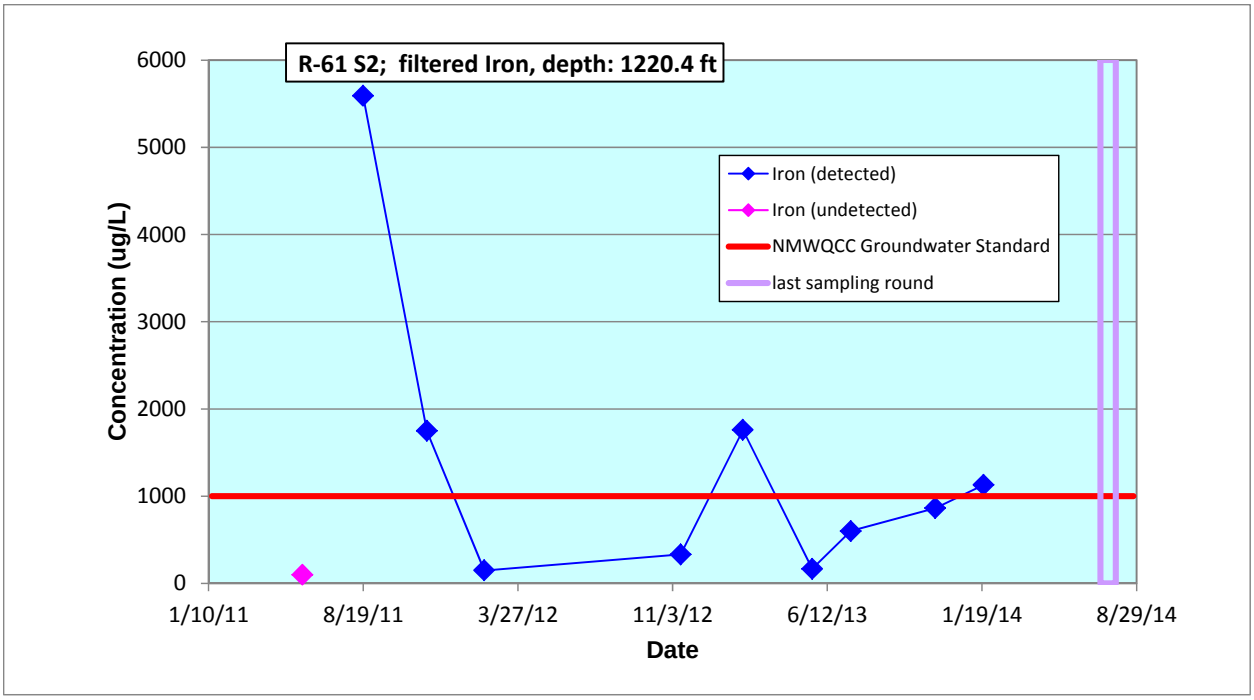

R-28; filtered Chromium, depth: 934.3 ft
Concentration (ug/L)
500
450
400
350
300
250
200
150
100
50
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

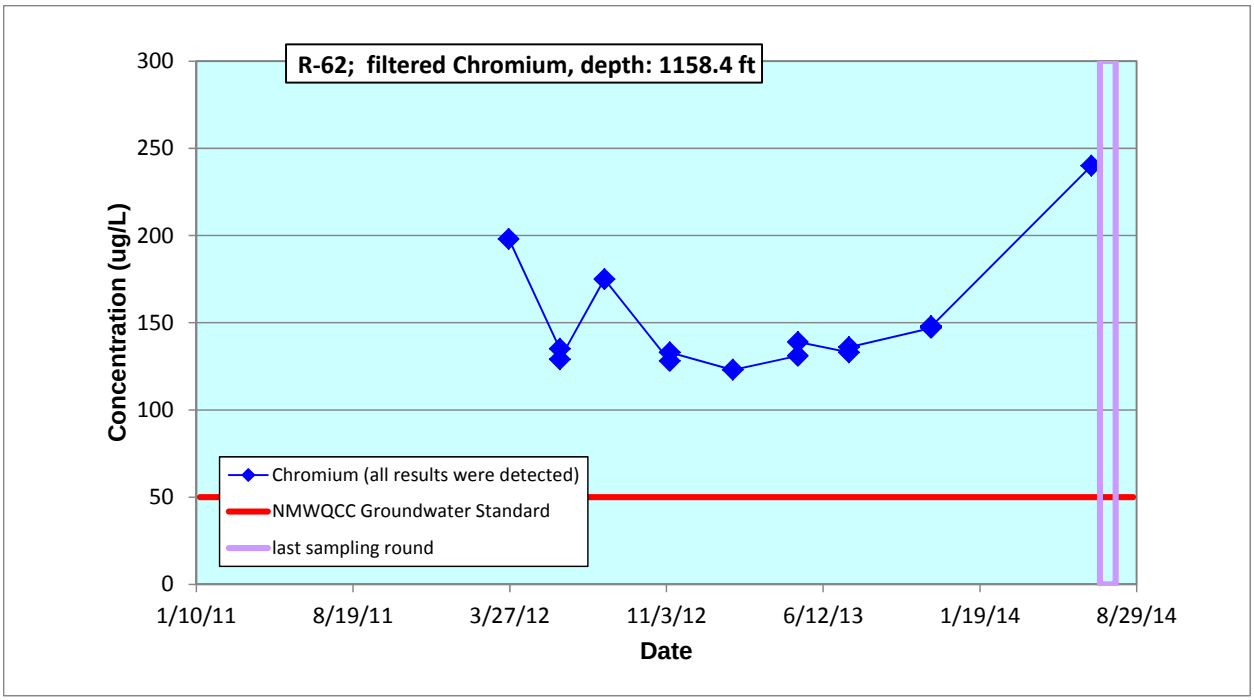

R-42; filtered Chromium, depth: 931.8 ft
Concentration (ug/L)
1200
1000
800
600
400
200
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

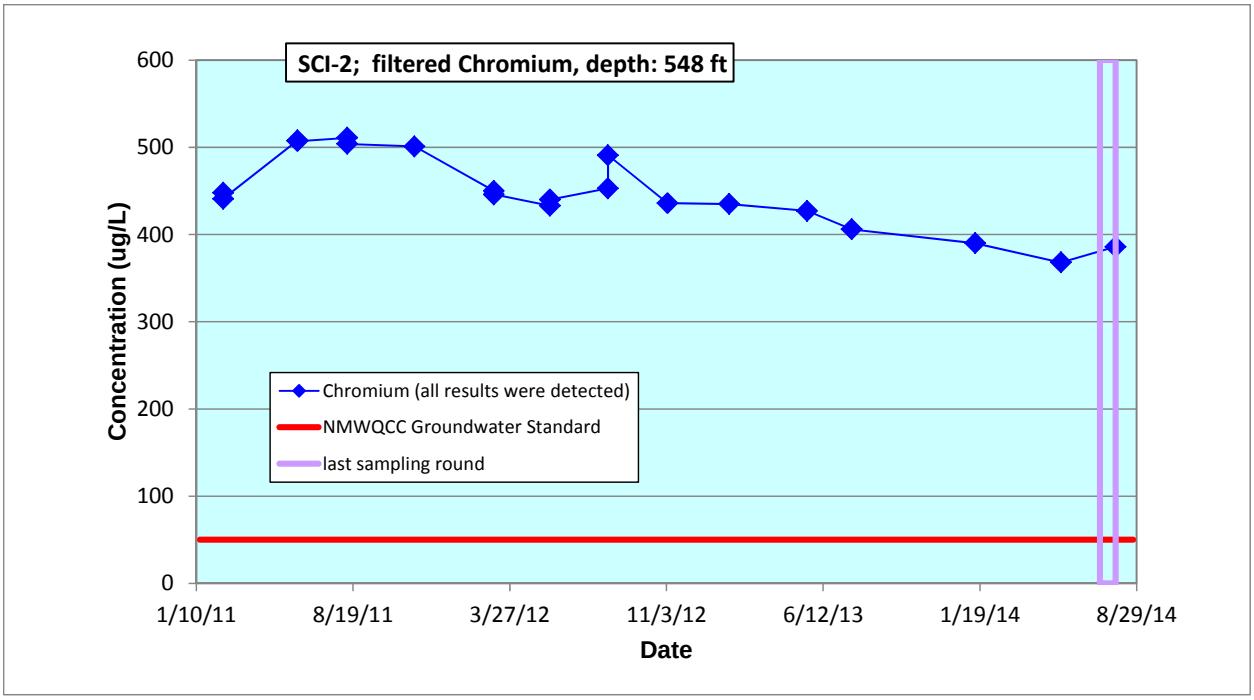

R-43 S1; filtered Chromium, depth: 903.9 ft
Concentration (ug/L)
0
10
20
30
40
50
60
70
80
90
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-50 S1; filtered Chromium, depth: 1077 ft
Concentration (ug/L)
0
20
40
60
80
100
120
140
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


R-61 S1; filtered Perchlorate, depth: 1125 ft
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
9
10
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Perchlorate (all results were detected)
Consent Order
last sampling round


R-61 S2; filtered Iron, depth: 1220.4 ft
Concentration (ug/L)
0
1000
2000
3000
4000
5000
6000
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Iron (detected)
Iron (undetected)
NMWQCC Groundwater Standard
last sampling round


R-62; filtered Chromium, depth: 1158.4 ft
Concentration (ug/L)
300
250
200
150
100
50
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round


SCI-2; filtered Chromium, depth: 548 ft
Concentration (ug/L)
600
500
400
300
200
100
0
1/10/11
8/19/11
3/27/12
11/3/12
6/12/13
1/19/14
8/29/14
Date
Chromium (all results were detected)
NMWQCC Groundwater Standard
last sampling round

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2014-3700	Inorganic	GELC*	CAMO-14-83994	07/08/14	MCOI-6	686	708.3
2014-3700	Inorganic	GELC	CAMO-14-83995	07/08/14	MCOI-6	686	708.3
2014-3700	Inorganic	GELC	CAMO-14-83996	07/08/14	MCOI-6	686	708.3
2014-3700	Inorganic	GELC	CAMO-14-83998	07/08/14	R-42	931.8	952.9
2014-3700	Inorganic	GELC	CAMO-14-84007	07/08/14	MCOI-6	686	708.3
2014-3700	Inorganic	GELC	CAMO-14-84009	07/08/14	R-42	931.8	952.9
2014-3747	Inorganic	GELC	CAMO-14-83999	07/10/14	R-44 S1	895	905
2014-3747	Inorganic	GELC	CAMO-14-84000	07/10/14	R-44 S2	985.3	995.2
2014-3747	Inorganic	GELC	CAMO-14-84010	07/10/14	R-44 S1	895	905
2014-3747	Inorganic	GELC	CAMO-14-84011	07/10/14	R-44 S2	985.3	995.2
2014-3789	Inorganic	GELC	CAMO-14-83997	07/11/14	R-28	934.3	958.1
2014-3789	Inorganic	GELC	CAMO-14-84008	07/11/14	R-28	934.3	958.1
2014-3790	Inorganic	GELC	CASA-14-81516	07/11/14	R-11	855	877.9
2014-3790	Inorganic	GELC	CASA-14-81522	07/11/14	R-11	855	877.9
2014-3832	Inorganic	GELC	CASA-14-81514	07/15/14	R-43 S1	903.9	924.6
2014-3832	Inorganic	GELC	CASA-14-81515	07/15/14	R-43 S1	903.9	924.6
2014-3832	Inorganic	GELC	CASA-14-81519	07/15/14	R-43 S1	903.9	924.6
2014-3832	Inorganic	GELC	CASA-14-81525	07/15/14	R-43 S1	903.9	924.6
2014-3938	Inorganic	GELC	CASA-14-81517	07/18/14	R-35a	1013.1	1062.2
2014-3938	Inorganic	GELC	CASA-14-81518	07/18/14	R-35b	825.4	848.5
2014-3938	Inorganic	GELC	CASA-14-81523	07/18/14	R-35a	1013.1	1062.2
2014-3938	Inorganic	GELC	CASA-14-81524	07/18/14	R-35b	825.4	848.5
2014-3981	Inorganic	GELC	CAMO-14-84003	07/22/14	R-50 S1	1077	1087
2014-3981	Inorganic	GELC	CAMO-14-84014	07/22/14	R-50 S1	1077	1087
2014-4004	Inorganic	GELC	CAMO-14-84005	07/23/14	R-61 S1	1125	1135
2014-4004	Inorganic	GELC	CAMO-14-84016	07/23/14	R-61 S1	1125	1135
2014-4024	Inorganic	GELC	CAMO-14-84015	07/24/14	R-50 S2	1185	1205.6
2014-4024	Inorganic	GELC	CAMO-14-84004	07/24/14	R-50 S2	1185	1205.6
2014-4090	Inorganic	GELC	CASA-14-81521	07/30/14	SCI-2	548	568
2014-4090	Inorganic	GELC	CASA-14-81527	07/30/14	SCI-2	548	568

*GELC = General Engineering Laboratories, Inc., Charleston, SC.