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Periodic Monitoring Report for Ancho Watershed, September 9–September 27, 2010

Los Alamos
NATIONAL LABORATORY
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Prepared by the Environmental Programs Directorate

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EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Ancho Watershed. This PME was conducted pursuant to the 2010 Interim Facility-Wide Groundwater Monitoring Plan, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from September 9 to 27, 2010, and included monitoring of groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

Water samples collected during this PME were analyzed for target analyte list metals, volatile organic compounds, cyanide, semivolatile organic compounds, pesticides, polychlorinated biphenyls, high explosives, radionuclides, low-level tritium, inorganic chemicals, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

No results from previous PME surface-water samples are reported in this PMR. No surface-water results from locations sampled during this PME were above screening levels.

No groundwater results unreported from previous PME samples were above screening levels. One result from groundwater samples collected during this PME was above screening levels.

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Acronyms and Abbreviations

AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
cfs	cubic feet per second
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
GW	groundwater
HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDL	method detection limit
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RPF	Records Processing Facility
SOP	standard operating procedure
STD	standard
SWMU	solid waste management unit
TA	technical area
TNT	2,4,6-trinitrotoluene

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of semiannual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Ancho Watershed pursuant to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2010, 109830) prepared in accordance with the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from September 9 to 27, 2010, and included sampling at groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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 watershed
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results (comparing these PME results with screening levels 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

Ancho Canyon is located in the southeastern part of the Laboratory (Figure 2.0-1). Chaquehui and Frijoles Canyons, which are tributaries of Ancho Canyon, are incorporated into Ancho Canyon monitoring events in the IFGMP. Technical Area 39 (TA-39) is located on the floor of middle Ancho Canyon, and it was used for open-air testing of explosives compounds. Solid waste management units (SWMUs) and areas of concern (AOCs) at TA-39 include five firing sites, a number of landfills, and septic systems. More detailed information about TA-39's operational history and its SWMUs and AOCs can be found in the "RFI Work Plan for Operable Unit 1122" (LANL 1992, 007671) and the "RFI Work Plan for Operable Unit 1132" (LANL 1993, 015316).

TA-49 is located on a mesa in the upper part of the Ancho Canyon drainage, and part of the area drains into Water Canyon. TA-49 was used for underground hydronuclear testing in the early 1960s. The testing consisted of criticality, equation-of-state, and calibration experiments involving special nuclear materials. The testing produced large inventories of radioactive and hazardous materials, including isotopes of uranium and plutonium, lead, and beryllium; explosives such as TNT (2,4,6-trinitrotoluene), RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine), and HMX (octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine); and

barium nitrate. Much of this material remains in shafts on the mesa top. Further information about activities and SWMUs and AOCs at TA-49 can be found in the report “Environmental Status of Technical Area 49, Los Alamos, New Mexico” (Purtymun and Stoker 1987, 006688) and the “RFI Work Plan for Operable Unit 1144” (LANL 1992, 007670).

2.0 SCOPE OF ACTIVITIES

The PME for the Ancho Watershed was conducted pursuant to the 2010 IFGMP (LANL 2010, 109830).

Table 2.0-1 provides the location name, sample collection date, port name, port depth, screened interval, top and bottom screen depths, casing volume, purge volume, and base flow for each of the monitored locations. These locations are shown in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2010 IFGMP (LANL 2010, 109830).

3.2 Field Parameter Results

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

3.3 Water-Level Observations

The periodic monitoring water-level data for this event and the previous four monitoring events 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 are reported at the time immediately before sampling. The water-level measurements taken during these PMEs are shown graphically in Figure 3.3-1. Similarly, base-flow measurements are shown graphically in Figure 3.3-2.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the fieldwork deviations from the planned scope of the PMEs. Table 3.4-2 presents a list of analytes for which the practical quantitation limits (PQLs) and 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 PMEs are documented in the 2010 IFGMP (LANL 2010, 109830). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling 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 quality program and procedures are available at http://www.lanl.gov/environment/all/qa.shtml. Completed chain-of-custody forms serve as an analytical request form 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 was 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 were 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 by an independent contractor, Analytical Quality Associates, Inc. (AQA). 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.

The Laboratory assigns detection status to the analytical result based on the analytical laboratory and secondary validation qualifiers. A "<" symbol indicates that, based on the qualifiers, the result was a nondetect.

4.2 Analytical Data

Appendix C presents the analytical data from this PME and from the four sampling events immediately before the September 2010 sampling event. The analytical laboratory reports (including chain-of-custody forms and data validation) 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, are not included in the data set.
  - ❖ Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, 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.
- ❖ Low-detection-limit tritium results greater than 3 times the 1 standard deviation total propagated analytical uncertainty are considered to be detections.
- ❖ Otherwise, all results are reported at all locations.

- Nonradionuclides
  - ❖ All results, excluding nondetections, are reported.

The results of data screening for this PMR appear in Tables D-1 through D-6 in Appendix D. These tables show all detected analytical results for perchlorate, radionuclides, and organic compounds, and all analytical results greater than half the lowest applicable screening-level values for metals and general inorganic compounds. The sources of screening levels with which the results are compared are listed in Table 4.2-1.

Data for PMRs are evaluated using the following screening process.

- Surface-water sampling results were compared with all surface-water standards without consideration of the designated use for the particular reach.
- 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 the lesser of the EPA MCL or the NMWQCC groundwater standard for an analyte.
- 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.
- As required by the Consent Order, EPA Regional Screening Levels for Tap Water (formerly Region 6 Screening Levels for Tap Water) are used for constituents that have no other regulatory standard and for which toxicological information is published. These screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the EPA screening levels are for 10^{-6} excess cancer risk. The Consent Order specifies screening with these values at a 10^{-5} (rather than 10^{-6}) excess cancer risk. Therefore, the screening levels in the tables are 10 times the EPA 10^{-6} screening values.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Guides (DCGs) for groundwater.

Table 4.2-2 provides surface-water and 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 were 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. The concentration of the analyte is 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.

No exceedance map is included for the current PME because no analyte was above its screening level at more than one location for this round of sampling.

4.2.1 Surface Water (Base Flow)

No results from previous PME surface-water samples are reported in this PMR. No surface-water results from locations sampled during this PME were above screening levels.

4.2.2 Groundwater

No groundwater results unreported from previous PME samples were above screening levels.

Manganese was found in an unfiltered sample at regional aquifer well R-29 at 214 µg/L; the NMWQCC Groundwater Standard screening level is 200 µg/L. This is the second result from the well; the concentration in a sample in May 2010 was 121 µg/L.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Ancho Watershed are proposed at this time.

5.0 SUMMARY

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 results from locations sampled during this PME were above screening levels. No surface-water results were unreported from previous PMEs.

The types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.2.2 Groundwater

No groundwater results unreported from previous PME samples were above screening levels. One result from groundwater samples collected during this PME exceeded screening levels (Table 4.2-2).

Except for the highest filtered manganese measurement at R-29, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.3 Data Gaps

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

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), May 1992. "RFI Work Plan for Operable Unit 1122," Los Alamos National Laboratory document LA-UR-92-925, Los Alamos, New Mexico. (LANL 1992, 007671)

LANL (Los Alamos National Laboratory), May 1992. "RFI Work Plan for Operable Unit 1144," Los Alamos National Laboratory document LA-UR-92-900, Los Alamos, New Mexico. (LANL 1992, 007670)

LANL (Los Alamos National Laboratory), June 1993. "RFI Work Plan for Operable Unit 1132," Los Alamos National Laboratory document LA-UR-93-768, Los Alamos, New Mexico. (LANL 1993, 015316)

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), June 2010. "2010 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-10-1777, Los Alamos, New Mexico. (LANL 2010, 109830)

Purtymun, W.D., and A.K. Stoker, November 1987. "Environmental Status of Technical Area 49, Los Alamos, New Mexico," Los Alamos National Laboratory report LA-11135-MS, Los Alamos, New Mexico. (Purtymun and Stoker 1987, 006688)

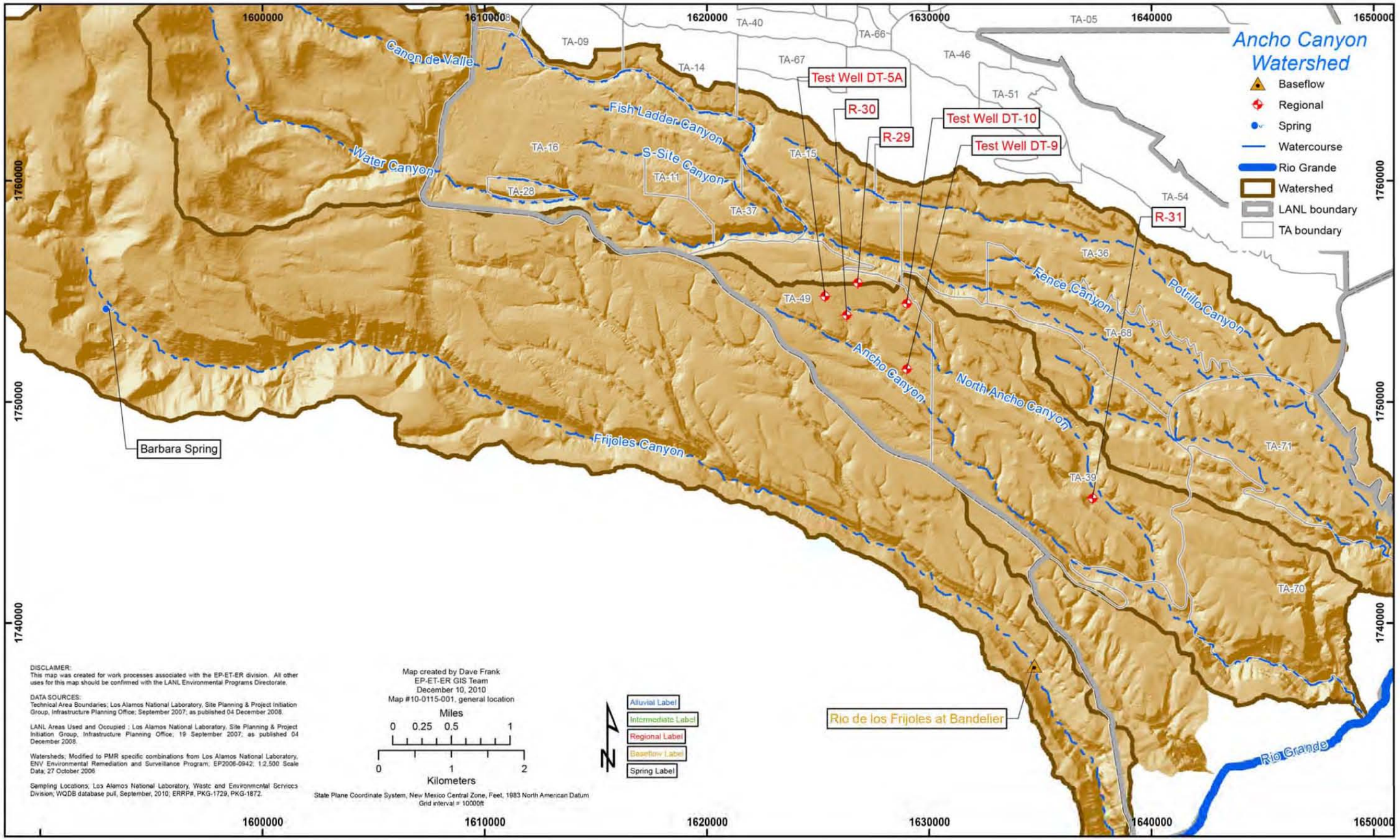


Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

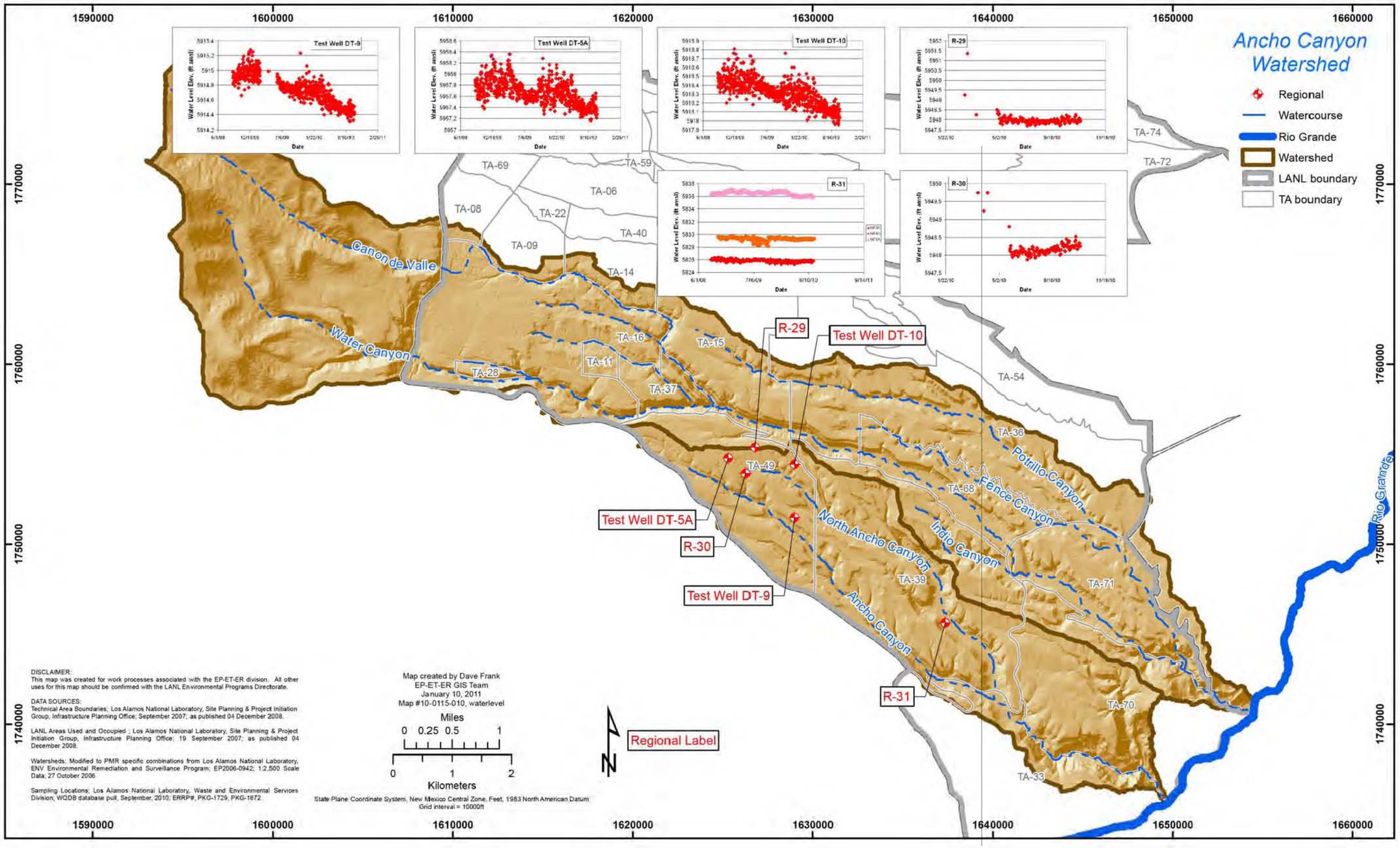


Figure 3.3-1 Groundwater elevations

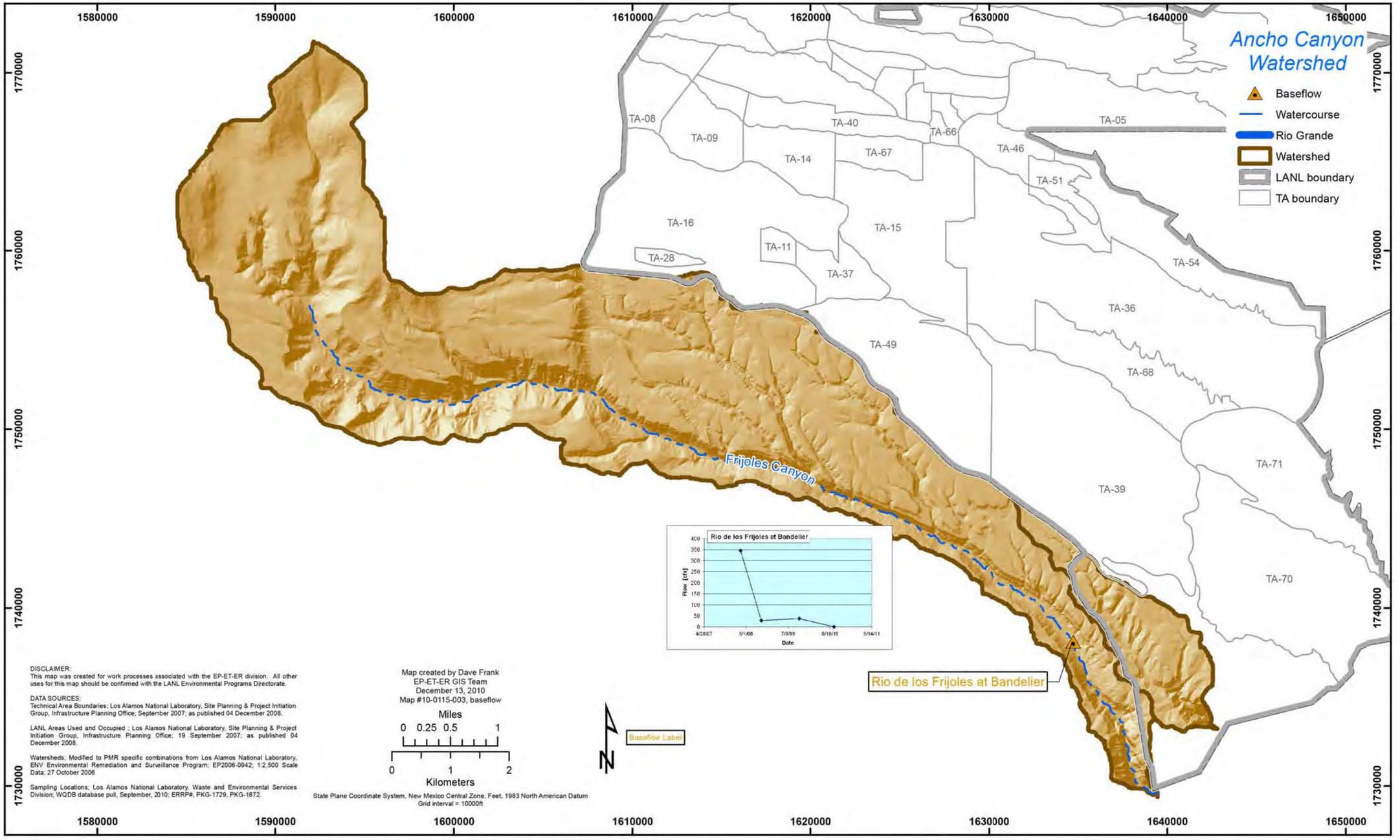


Figure 3.3-2 Base-flow measurements

Table 2.0-1
Ancho Watershed Monitoring Locations and General Information

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Depth (ft)	Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base-Flow or Purge-Rate Values (cfs[a])
Base Flow									
Rio de los Frijoles at Bandelier	09/17/10	n/a[b]	n/a	n/a	n/a	n/a	n/a	n/a	0.29
Regional									
R-29	09/23/10	Single	1170	10	1170	1180	29.6	202	0.016
R-30	09/23/10	Single	1140	20.9	1140	1160.9	37.5	115	0.012
R-31	09/14/10	MP2B	542.5	30.7	515	545.7	n/a	n/a	n/a
R-31	09/14/10	MP3A	670.3	10	666.3	676.3	n/a	n/a	n/a
R-31	09/20/10	MP4A	830.9	10	826.6	836.6	n/a	n/a	n/a
R-31	09/09/10	MP5A	1011.3	10	1007.1	1017.1	n/a	n/a	n/a
Test Well DT-10	09/24/10	Single	1080	329.6	1078.4	1408	799	798	0.016
Test Well DT-5A	09/27/10	Single	1172	617	1171.5	1788.5	1655	1655	0.018
Test Well DT-9	09/24/20	Single	1040	681	819	1500	2281	2285	0.007
Springs									
Barbara Spring	09/17/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.053

[a] cfs = Cubic feet per second.

[b] n/a = Not applicable.

Table 3.4-1
Ancho PME Observations and Deviations

Location	Deviation	Cause	Comment
R-29 on 09/23/10	Limited analytical data are included in this report for this location.	Insufficient water	This location will be sampled during the next scheduled PME.

Table 3.4-2
Analytes with PQLs and MDLs above Screening-Level Values

CAS No.	Analyte Name	MDL	PQL	Screening Level	Unit	Screening-Level Type
Radionuclides						
Np-237	Neptunium-237	n/a*	10	1.2	pCi/L	DOE DCG
Semivolatile Organic Analytes						
1912-24-9	Atrazine	2	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	2	50	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	1	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	3.6	µg/L	EPA Regional Tap
121-14-2	Dinitrotoluene[2,4-]	2	10	2.2	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
87-68-3	Hexachlorobutadiene	2	10	8.6	µg/L	EPA Regional Tap
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap
98-95-3	Nitrobenzene	3	10	1.2	µg/L	EPA Regional Tap
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	2	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane)[2,2'-]	2	10	3.2	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
108-95-2	Phenol	1	10	5	µg/L	NM GW STD
Volatile Organic Analytes						
107-02-8	Acrolein	3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-chloropropane[1,2-]	0.5	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

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

* n/a = Not applicable.

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

Standard Type	Groundwater	Surface Water
DOE BCGs	n/a[a]	X[b]
DOE 100-mrem Public Dose DCG	X	n/a
DOE 4-mrem Drinking Water DCG	X	n/a
EPA MCL	X	n/a
EPA Regional Tap Water Screening Level	X	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
NMWQCC Groundwater Standard	X	n/a
NMWQCC Irrigation Standard	n/a	X
NMWQCC Livestock Watering Standard	n/a	X
NMWQCC Wildlife Habitat Standard	n/a	X
NMWQCC Aquatic Life Standards Acute	n/a	X
NMWQCC Aquatic Life Standards Chronic	n/a	X
NMWQCC Human Health Standard	n/a	X

[a] n/a = Not applicable.

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

Table 4.2-2
Ancho Watershed Results above Screening Levels for Surface Water and Groundwater

Location	Date	Analyte	Field Preparation	Result	Unit	Screening-Level Value	Screening-Level Source
Regional Aquifer							
R-29	09/23/10	Manganese	F*	214	µg/L	200	NM GW STD

* F = Filtered.

Appendix A

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

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Barbara Spring	—[a]	—	07/13/05	WG[b]	Alkalinity-CO3+HCO3	33	mg/L	FU05070GBRB01
Barbara Spring	—	—	09/17/10	WG	Dissolved Oxygen	9.75	mg/L	CAAN-10-25921
Barbara Spring	—	—	07/13/05	WG	Dissolved Oxygen	5.01	mg/L	FU05070GBRB01
Barbara Spring	—	—	06/15/05	WG	Dissolved Oxygen	6.2	mg/L	FU05040GBRB02
Barbara Spring	—	—	05/12/05	WG	Dissolved Oxygen	7	mg/L	FU05040GBRB01
Barbara Spring	—	—	03/29/05	WG	Dissolved Oxygen	9.92	mg/L	FU05030GBRB01
Barbara Spring	—	—	09/17/10	WG	pH	6.8	SU[c]	CAAN-10-25921
Barbara Spring	—	—	07/13/05	WG	pH	7.22	SU	FU05070GBRB01
Barbara Spring	—	—	06/15/05	WG	pH	7.06	SU	FU05040GBRB02
Barbara Spring	—	—	05/12/05	WG	pH	7.39	SU	FU05040GBRB01
Barbara Spring	—	—	03/29/05	WG	pH	7.76	SU	FU05030GBRB01
Barbara Spring	—	—	09/17/10	WG	Specific Conductance	81	µS/cm[d]	CAAN-10-25921
Barbara Spring	—	—	07/13/05	WG	Specific Conductance	72.9	µS/cm	FU05070GBRB01
Barbara Spring	—	—	06/15/05	WG	Specific Conductance	74.9	µS/cm	FU05040GBRB02
Barbara Spring	—	—	05/12/05	WG	Specific Conductance	73.4	µS/cm	FU05040GBRB01
Barbara Spring	—	—	03/29/05	WG	Specific Conductance	73.3	µS/cm	FU05030GBRB01
Barbara Spring	—	—	09/17/10	WG	Temperature	15.41	deg C	CAAN-10-25921
Barbara Spring	—	—	07/13/05	WG	Temperature	15.5	deg C	FU05070GBRB01
Barbara Spring	—	—	06/15/05	WG	Temperature	15.4	deg C	FU05040GBRB02
Barbara Spring	—	—	05/12/05	WG	Temperature	15.2	deg C	FU05040GBRB01
Barbara Spring	—	—	03/29/05	WG	Temperature	13.8	deg C	FU05030GBRB01
Barbara Spring	—	—	09/17/10	WG	Turbidity	0.52	NTU[e]	CAAN-10-25921
Barbara Spring	—	—	07/13/05	WG	Turbidity	2.08	NTU	FU05070GBRB01
R-29	9051	1170	09/23/10	WG	Dissolved Oxygen	3.84	mg/L	CAAN-10-25943
R-29	9051	1170	05/10/10	WG	Dissolved Oxygen	3.56	mg/L	CAWA-10-17191
R-29	9051	1170	09/23/10	WG	Oxidation Reduction Potential	-63.1	mV[f]	CAAN-10-25943
R-29	9051	1170	05/10/10	WG	Oxidation Reduction Potential	253.2	mV	CAWA-10-17191
R-29	9051	1170	09/23/10	WG	pH	7.4	SU	CAAN-10-25943

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-29	9051	1170	05/10/10	WG	pH	8	SU	CAWA-10-17191
R-29	9051	1170	09/23/10	WG	Specific Conductance	248	µS/cm	CAAN-10-25943
R-29	9051	1170	05/10/10	WG	Specific Conductance	170	µS/cm	CAWA-10-17191
R-29	9051	1170	09/23/10	WG	Temperature	18.5	deg C	CAAN-10-25943
R-29	9051	1170	05/10/10	WG	Temperature	17.65	deg C	CAWA-10-17191
R-29	9051	1170	09/23/10	WG	Turbidity	17.5	NTU	CAAN-10-25943
R-29	9051	1170	05/10/10	WG	Turbidity	26	NTU	CAWA-10-17191
R-30	9091	1140	09/23/10	WG	Dissolved Oxygen	7.09	mg/L	CAAN-10-25948
R-30	9091	1140	05/19/10	WG	Dissolved Oxygen	7.04	mg/L	CAAN-10-17252
R-30	9091	1140	09/23/10	WG	Oxidation Reduction Potential	-67.2	mV	CAAN-10-25948
R-30	9091	1140	05/19/10	WG	Oxidation Reduction Potential	414.5	mV	CAAN-10-17252
R-30	9091	1140	09/23/10	WG	pH	7.74	SU	CAAN-10-25948
R-30	9091	1140	05/19/10	WG	pH	7.02	SU	CAAN-10-17252
R-30	9091	1140	09/23/10	WG	Specific Conductance	124	µS/cm	CAAN-10-25948
R-30	9091	1140	05/19/10	WG	Specific Conductance	122	µS/cm	CAAN-10-17252
R-30	9091	1140	09/23/10	WG	Temperature	20.2	deg C	CAAN-10-25948
R-30	9091	1140	05/19/10	WG	Temperature	19.97	deg C	CAAN-10-17252
R-30	9091	1140	09/23/10	WG	Turbidity	3.24	NTU	CAAN-10-25948
R-30	9091	1140	05/19/10	WG	Turbidity	2.54	NTU	CAAN-10-17252
R-31	1562	542.5	09/14/10	WG	Dissolved Oxygen	2.75	mg/L	CAAN-10-25924
R-31	1562	542.5	09/14/10	WG	pH	6.63	SU	CAAN-10-25924
R-31	1562	542.5	09/14/10	WG	Specific Conductance	367	µS/cm	CAAN-10-25924
R-31	1562	542.5	09/14/10	WG	Temperature	22.97	deg C	CAAN-10-25924
R-31	1562	542.5	09/14/10	WG	Turbidity	2.24	NTU	CAAN-10-25924
R-31	1612	670.3	09/14/10	WG	Dissolved Oxygen	7.66	mg/L	CAAN-10-25925
R-31	1612	670.3	04/20/10	WG	Dissolved Oxygen	4.2	mg/L	CAAN-10-15272
R-31	1612	670.3	10/26/09	WG	Dissolved Oxygen	3.37	mg/L	CAAN-09-14356
R-31	1612	670.3	04/08/09	WG	Dissolved Oxygen	3.15	mg/L	CAAN-09-5705

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-31	1612	670.3	10/24/08	WG	Dissolved Oxygen	2.6	mg/L	CAAN-08-16133
R-31	1612	670.3	09/14/10	WG	pH	7.12	SU	CAAN-10-25925
R-31	1612	670.3	04/20/10	WG	pH	7.36	SU	CAAN-10-15272
R-31	1612	670.3	10/26/09	WG	pH	9.92	SU	CAAN-09-14356
R-31	1612	670.3	04/08/09	WG	pH	7.32	SU	CAAN-09-5705
R-31	1612	670.3	10/24/08	WG	pH	7.2	SU	CAAN-08-16133
R-31	1612	670.3	09/14/10	WG	Specific Conductance	173	µS/cm	CAAN-10-25925
R-31	1612	670.3	04/20/10	WG	Specific Conductance	159	µS/cm	CAAN-10-15272
R-31	1612	670.3	10/26/09	WG	Specific Conductance	160	µS/cm	CAAN-09-14356
R-31	1612	670.3	04/08/09	WG	Specific Conductance	165	µS/cm	CAAN-09-5705
R-31	1612	670.3	10/24/08	WG	Specific Conductance	159.2	µS/cm	CAAN-08-16133
R-31	1612	670.3	09/14/10	WG	Temperature	22.63	deg C	CAAN-10-25925
R-31	1612	670.3	04/20/10	WG	Temperature	19.97	deg C	CAAN-10-15272
R-31	1612	670.3	10/26/09	WG	Temperature	14.45	deg C	CAAN-09-14356
R-31	1612	670.3	04/08/09	WG	Temperature	17.71	deg C	CAAN-09-5705
R-31	1612	670.3	10/24/08	WG	Temperature	18.6	deg C	CAAN-08-16133
R-31	1612	670.3	09/14/10	WG	Turbidity	0.85	NTU	CAAN-10-25925
R-31	1612	670.3	04/20/10	WG	Turbidity	1.42	NTU	CAAN-10-15272
R-31	1612	670.3	10/26/09	WG	Turbidity	1.56	NTU	CAAN-09-14356
R-31	1612	670.3	04/08/09	WG	Turbidity	0.61	NTU	CAAN-09-5705
R-31	1612	670.3	10/24/08	WG	Turbidity	1.19	NTU	CAAN-08-16133
R-31	1662	830.9	09/20/10	WG	Dissolved Oxygen	3.71	mg/L	CAAN-10-25927
R-31	1662	830.9	04/22/10	WG	Dissolved Oxygen	8.49	mg/L	CAAN-10-15245
R-31	1662	830.9	10/22/09	WG	Dissolved Oxygen	8.69	mg/L	CAAN-09-14345
R-31	1662	830.9	10/21/08	WG	Dissolved Oxygen	6.4	mg/L	CAAN-08-16122
R-31	1662	830.9	04/15/08	WG	Dissolved Oxygen	4.19	mg/L	CAAN-08-11742
R-31	1662	830.9	09/20/10	WG	pH	8.01	SU	CAAN-10-25927
R-31	1662	830.9	04/22/10	WG	pH	7.78	SU	CAAN-10-15245

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-31	1662	830.9	10/22/09	WG	pH	8.18	SU	CAAN-09-14345
R-31	1662	830.9	10/21/08	WG	pH	8.38	SU	CAAN-08-16122
R-31	1662	830.9	09/20/10	WG	Specific Conductance	123	µS/cm	CAAN-10-25927
R-31	1662	830.9	04/22/10	WG	Specific Conductance	99	µS/cm	CAAN-10-15245
R-31	1662	830.9	10/22/09	WG	Specific Conductance	121	µS/cm	CAAN-09-14345
R-31	1662	830.9	10/21/08	WG	Specific Conductance	122.8	µS/cm	CAAN-08-16122
R-31	1662	830.9	09/20/10	WG	Temperature	24.76	deg C	CAAN-10-25927
R-31	1662	830.9	04/22/10	WG	Temperature	20.83	deg C	CAAN-10-15245
R-31	1662	830.9	10/22/09	WG	Temperature	17.14	deg C	CAAN-09-14345
R-31	1662	830.9	10/21/08	WG	Temperature	21.4	deg C	CAAN-08-16122
R-31	1662	830.9	04/15/08	WG	Temperature	24.4	deg C	CAAN-08-11742
R-31	1662	830.9	09/20/10	WG	Turbidity	0.49	NTU	CAAN-10-25927
R-31	1662	830.9	04/22/10	WG	Turbidity	1.48	NTU	CAAN-10-15245
R-31	1662	830.9	10/22/09	WG	Turbidity	0.83	NTU	CAAN-09-14345
R-31	1662	830.9	10/21/08	WG	Turbidity	2.44	NTU	CAAN-08-16122
R-31	1662	830.9	04/15/08	WG	Turbidity	0.76	NTU	CAAN-08-11742
R-31	1712	1011.3	09/09/10	WG	Dissolved Oxygen	8.12	mg/L	CAAN-10-25931
R-31	1712	1011.3	04/22/10	WG	Dissolved Oxygen	3.96	mg/L	CAAN-10-15247
R-31	1712	1011.3	10/22/09	WG	Dissolved Oxygen	10.96	mg/L	CAAN-09-14349
R-31	1712	1011.3	08/24/05	WG	Dissolved Oxygen	6.63	mg/L	FU0508G31R501
R-31	1712	1011.3	09/09/10	WG	pH	8.09	SU	CAAN-10-25931
R-31	1712	1011.3	04/22/10	WG	pH	8.15	SU	CAAN-10-15247
R-31	1712	1011.3	10/22/09	WG	pH	8.41	SU	CAAN-09-14349
R-31	1712	1011.3	09/09/10	WG	Specific Conductance	121	µS/cm	CAAN-10-25931
R-31	1712	1011.3	04/22/10	WG	Specific Conductance	96	µS/cm	CAAN-10-15247
R-31	1712	1011.3	10/22/09	WG	Specific Conductance	156	µS/cm	CAAN-09-14349
R-31	1712	1011.3	09/09/10	WG	Temperature	23.16	deg C	CAAN-10-25931
R-31	1712	1011.3	04/22/10	WG	Temperature	21.94	deg C	CAAN-10-15247

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-31	1712	1011.3	10/22/09	WG	Temperature	18.14	deg C	CAAN-09-14349
R-31	1712	1011.3	05/23/07	WG	Temperature	21.7	deg C	FU07050G31R501
R-31	1712	1011.3	12/06/06	WG	Temperature	18	deg C	FU06110G31R501
R-31	1712	1011.3	09/09/10	WG	Turbidity	1.01	NTU	CAAN-10-25931
R-31	1712	1011.3	04/22/10	WG	Turbidity	1.55	NTU	CAAN-10-15247
R-31	1712	1011.3	10/22/09	WG	Turbidity	0.85	NTU	CAAN-09-14349
R-31	1712	1011.3	05/23/07	WG	Turbidity	0.6	NTU	FU07050G31R501
R-31	1712	1011.3	12/06/06	WG	Turbidity	0.22	NTU	FU06110G31R501
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS[g]	Dissolved Oxygen	10.18	mg/L	CAAN-10-25919
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	Dissolved Oxygen	10.75	mg/L	CAAN-09-14357
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	Dissolved Oxygen	9.85	mg/L	CAAN-08-16450
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	Dissolved Oxygen	9.52	mg/L	CAAN-08-11752
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	Dissolved Oxygen	8.9	mg/L	FU071000P35001
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	pH	7.45	SU	CAAN-10-25919
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	pH	6.94	SU	CAAN-09-14357
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	pH	7.45	SU	CAAN-08-16450
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	pH	7.13	SU	CAAN-08-11752
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	pH	7.37	SU	FU071000P35001
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	Specific Conductance	122	µS/cm	CAAN-10-25919
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	Specific Conductance	112	µS/cm	CAAN-09-14357
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	Specific Conductance	118.7	µS/cm	CAAN-08-16450
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	Specific Conductance	85.3	µS/cm	CAAN-08-11752
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	Specific Conductance	120.9	µS/cm	FU071000P35001
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	Temperature	18.52	deg C	CAAN-10-25919
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	Temperature	8.87	deg C	CAAN-09-14357
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	Temperature	5.1	deg C	CAAN-08-16450
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	Temperature	8.1	deg C	CAAN-08-11752
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP[h]	Temperature	10.6	deg C	FU071000P35001

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	Turbidity	2.62	NTU	CAAN-10-25919
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	Turbidity	5.32	NTU	CAAN-09-14357
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	Turbidity	5.19	NTU	CAAN-08-16450
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	Turbidity	32.3	NTU	CAAN-08-11752
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	Turbidity	1.81	NTU	FU071000P35001
Test Well DT-10	1811	1078.4	09/24/10	WG	Dissolved Oxygen	4.77	mg/L	CAAN-10-25934
Test Well DT-10	1811	1078.4	04/14/10	WG	Dissolved Oxygen	4.91	mg/L	CAAN-10-15262
Test Well DT-10	1811	1078.4	10/22/09	WG	Dissolved Oxygen	5.32	mg/L	CAAN-09-14341
Test Well DT-10	1811	1078.4	04/16/08	WG	Dissolved Oxygen	4.83	mg/L	CAAN-08-11737
Test Well DT-10	1811	1078.4	10/30/07	WG	Dissolved Oxygen	4.8	mg/L	FU071000G01T01
Test Well DT-10	1811	1078.4	09/24/10	WG	Oxidation Reduction Potential	-22.9	mV	CAAN-10-25934
Test Well DT-10	1811	1078.4	04/14/10	WG	Oxidation Reduction Potential	87.4	mV	CAAN-10-15262
Test Well DT-10	1811	1078.4	10/22/09	WG	Oxidation Reduction Potential	-56.4	mV	CAAN-09-14341
Test Well DT-10	1811	1078.4	04/16/08	WG	Oxidation Reduction Potential	243	mV	CAAN-08-11737
Test Well DT-10	1811	1078.4	10/30/07	WG	Oxidation Reduction Potential	280	mV	FU071000G01T01
Test Well DT-10	1811	1078.4	09/24/10	WG	pH	8.07	SU	CAAN-10-25934
Test Well DT-10	1811	1078.4	04/14/10	WG	pH	8.17	SU	CAAN-10-15262
Test Well DT-10	1811	1078.4	10/22/09	WG	pH	8.05	SU	CAAN-09-14341
Test Well DT-10	1811	1078.4	04/16/08	WG	pH	8.15	SU	CAAN-08-11737
Test Well DT-10	1811	1078.4	09/24/10	WG	Specific Conductance	133	µS/cm	CAAN-10-25934
Test Well DT-10	1811	1078.4	04/14/10	WG	Specific Conductance	137	µS/cm	CAAN-10-15262
Test Well DT-10	1811	1078.4	10/22/09	WG	Specific Conductance	130	µS/cm	CAAN-09-14341
Test Well DT-10	1811	1078.4	04/16/08	WG	Specific Conductance	143	µS/cm	CAAN-08-11737
Test Well DT-10	1811	1078.4	09/24/10	WG	Temperature	19.42	deg C	CAAN-10-25934
Test Well DT-10	1811	1078.4	04/14/10	WG	Temperature	20.4	deg C	CAAN-10-15262
Test Well DT-10	1811	1078.4	10/22/09	WG	Temperature	17.61	deg C	CAAN-09-14341
Test Well DT-10	1811	1078.4	04/16/08	WG	Temperature	22.1	deg C	CAAN-08-11737
Test Well DT-10	1811	1078.4	10/30/07	WG	Temperature	20.2	deg C	FU071000G01T01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Test Well DT-10	1811	1078.4	09/24/10	WG	Turbidity	0.81	NTU	CAAN-10-25934
Test Well DT-10	1811	1078.4	04/14/10	WG	Turbidity	2.62	NTU	CAAN-10-15262
Test Well DT-10	1811	1078.4	10/22/09	WG	Turbidity	3.07	NTU	CAAN-09-14341
Test Well DT-10	1811	1078.4	04/16/08	WG	Turbidity	1.11	NTU	CAAN-08-11737
Test Well DT-10	1811	1078.4	10/30/07	WG	Turbidity	1.66	NTU	FU071000G01T01
Test Well DT-5A	1821	1172	09/27/10	WG	Dissolved Oxygen	4.35	mg/L	CAAN-10-25937
Test Well DT-5A	1821	1172	04/13/10	WG	Dissolved Oxygen	5.91	mg/L	CAAN-10-15258
Test Well DT-5A	1821	1172	10/28/09	WG	Dissolved Oxygen	6.3	mg/L	CAAN-09-13675
Test Well DT-5A	1821	1172	04/18/08	WG	Dissolved Oxygen	4.62	mg/L	CAAN-08-11743
Test Well DT-5A	1821	1172	11/10/07	WG	Dissolved Oxygen	5.32	mg/L	FU071000GA5T01
Test Well DT-5A	1821	1172	09/27/10	WG	Oxidation Reduction Potential	56.4	mV	CAAN-10-25937
Test Well DT-5A	1821	1172	04/13/10	WG	Oxidation Reduction Potential	116.8	mV	CAAN-10-15258
Test Well DT-5A	1821	1172	10/28/09	WG	Oxidation Reduction Potential	244.8	mV	CAAN-09-13675
Test Well DT-5A	1821	1172	04/18/08	WG	Oxidation Reduction Potential	267	mV	CAAN-08-11743
Test Well DT-5A	1821	1172	11/10/07	WG	Oxidation Reduction Potential	392	mV	FU071000GA5T01
Test Well DT-5A	1821	1172	09/27/10	WG	pH	7.72	SU	CAAN-10-25937
Test Well DT-5A	1821	1172	04/13/10	WG	pH	7.79	SU	CAAN-10-15258
Test Well DT-5A	1821	1172	10/28/09	WG	pH	7.75	SU	CAAN-09-13675
Test Well DT-5A	1821	1172	04/18/08	WG	pH	7.81	SU	CAAN-08-11743
Test Well DT-5A	1821	1172	09/27/10	WG	Specific Conductance	120	µS/cm	CAAN-10-25937
Test Well DT-5A	1821	1172	04/13/10	WG	Specific Conductance	116	µS/cm	CAAN-10-15258
Test Well DT-5A	1821	1172	10/28/09	WG	Specific Conductance	112	µS/cm	CAAN-09-13675
Test Well DT-5A	1821	1172	04/18/08	WG	Specific Conductance	117	µS/cm	CAAN-08-11743
Test Well DT-5A	1821	1172	09/27/10	WG	Temperature	21.43	deg C	CAAN-10-25937
Test Well DT-5A	1821	1172	04/13/10	WG	Temperature	20.81	deg C	CAAN-10-15258
Test Well DT-5A	1821	1172	10/28/09	WG	Temperature	17.83	deg C	CAAN-09-13675
Test Well DT-5A	1821	1172	04/18/08	WG	Temperature	21.1	deg C	CAAN-08-11743
Test Well DT-5A	1821	1172	11/10/07	WG	Temperature	21.6	deg C	FU071000GA5T01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Test Well DT-5A	1821	1172	09/27/10	WG	Turbidity	1.12	NTU	CAAN-10-25937
Test Well DT-5A	1821	1172	04/13/10	WG	Turbidity	1.98	NTU	CAAN-10-15258
Test Well DT-5A	1821	1172	10/28/09	WG	Turbidity	1.27	NTU	CAAN-09-13675
Test Well DT-5A	1821	1172	04/18/08	WG	Turbidity	0.89	NTU	CAAN-08-11743
Test Well DT-5A	1821	1172	11/10/07	WG	Turbidity	0.89	NTU	FU071000GA5T01
Test Well DT-9	1831	819	09/24/10	WG	Dissolved Oxygen	4.86	mg/L	CAAN-10-25940
Test Well DT-9	1831	819	04/23/10	WG	Dissolved Oxygen	5.34	mg/L	CAAN-10-15261
Test Well DT-9	1831	819	10/28/09	WG	Dissolved Oxygen	6.04	mg/L	CAAN-09-14338
Test Well DT-9	1831	819	10/15/08	WG	Dissolved Oxygen	5.03	mg/L	CAAN-08-16112
Test Well DT-9	1831	819	04/07/08	WG	Dissolved Oxygen	5.24	mg/L	CAAN-08-11731
Test Well DT-9	1831	819	09/24/10	WG	Oxidation Reduction Potential	157.3	mV	CAAN-10-25940
Test Well DT-9	1831	819	04/23/10	WG	Oxidation Reduction Potential	182.2	mV	CAAN-10-15261
Test Well DT-9	1831	819	10/28/09	WG	Oxidation Reduction Potential	224.5	mV	CAAN-09-14338
Test Well DT-9	1831	819	10/15/08	WG	Oxidation Reduction Potential	13.2	mV	CAAN-08-16112
Test Well DT-9	1831	819	04/07/08	WG	Oxidation Reduction Potential	266	mV	CAAN-08-11731
Test Well DT-9	1831	819	09/24/10	WG	pH	7.89	SU	CAAN-10-25940
Test Well DT-9	1831	819	04/23/10	WG	pH	7.93	SU	CAAN-10-15261
Test Well DT-9	1831	819	10/28/09	WG	pH	7.88	SU	CAAN-09-14338
Test Well DT-9	1831	819	10/15/08	WG	pH	9.37	SU	CAAN-08-16112
Test Well DT-9	1831	819	04/07/08	WG	pH	7.94	SU	CAAN-08-11731
Test Well DT-9	1831	819	09/24/10	WG	Specific Conductance	122	µS/cm	CAAN-10-25940
Test Well DT-9	1831	819	04/23/10	WG	Specific Conductance	119	µS/cm	CAAN-10-15261
Test Well DT-9	1831	819	10/28/09	WG	Specific Conductance	116	µS/cm	CAAN-09-14338
Test Well DT-9	1831	819	10/15/08	WG	Specific Conductance	102.4	µS/cm	CAAN-08-16112
Test Well DT-9	1831	819	04/07/08	WG	Specific Conductance	116.5	µS/cm	CAAN-08-11731
Test Well DT-9	1831	819	09/24/10	WG	Temperature	20.95	deg C	CAAN-10-25940
Test Well DT-9	1831	819	04/23/10	WG	Temperature	16.94	deg C	CAAN-10-15261
Test Well DT-9	1831	819	10/28/09	WG	Temperature	20.09	deg C	CAAN-09-14338

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Test Well DT-9	1831	819	10/15/08	WG	Temperature	20.2	deg C	CAAN-08-16112
Test Well DT-9	1831	819	04/07/08	WG	Temperature	21.4	deg C	CAAN-08-11731
Test Well DT-9	1831	819	09/24/10	WG	Turbidity	9.66	NTU	CAAN-10-25940
Test Well DT-9	1831	819	04/23/10	WG	Turbidity	2.23	NTU	CAAN-10-15261
Test Well DT-9	1831	819	10/28/09	WG	Turbidity	2.35	NTU	CAAN-09-14338
Test Well DT-9	1831	819	10/15/08	WG	Turbidity	13.2	NTU	CAAN-08-16112
Test Well DT-9	1831	819	04/07/08	WG	Turbidity	0.99	NTU	CAAN-08-11731

[a] — = Not applicable.

[b] WG = Groundwater.

[c] SU = Standard unit.

[d] µS/cm = Microsiemens per centimeter.

[e] NTU = Nephelometric turbidity unit.

[f] mV = Millivolt.

[g] WS = Surface water.

[h] WP = Persistent water.

Appendix B

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

Appendix C

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

The following symbols, abbreviations, and acronyms are used throughout Appendix C.

%	percent
<	Based on qualifiers, the result was a nondetection.
—	none
*	(Inorganic) Duplicate analysis (relative percent difference) not within control limits
ARSL	American Radiation Services−Primary
B	(Organic) This analyte was present in the blank and the sample. (Inorganic) The reported value was obtained from a reading that was less than the contract-required detection limit but greater than or equal to the instrument detection limit.
CS	client sample
DL	dilution
DNX	dinitroso RDX (or hexahydro 1,3-nitro-1,3,5-triazine)
DUP	duplicate sample
E	(Organic) Analyte exceeded the concentration range. (Inorganic) The serial dilution was exceeded.
EPA	U.S. Environmental Protection Agency
EQB	equipment rinsate blank
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
F	filtered
FB	field blank
FD	field duplicate
FTB	field trip blank
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
Geninorg	general inorganics
H	(Organic/Inorganic) The required extraction or analysis holding time for this result was exceeded.
Hexp, HEXP	high explosives
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
J	(Inorganic) The associated numerical value is an estimated quantity. (Organic) The associated numerical value is an estimated quantity.
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.
LLEE	low-level electrolytic extraction
MDA	minimum detectable activity

MDL	method detection limit
MNX	mononitrosodimethylamine
N	(Inorganic) Spiked sample recovery was not within control limits.
NJ	(Organic) Analyte has been tentatively identified, and the associated numerical value is estimated based upon 1:1 response factor to the nearest eluting internal standard.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
PARA	Paragon Analytics, Inc.
QC	quality control
R	The reported sample result is classified as rejected because of serious noncompliances regarding QC acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
Rad, RAD	radionuclides
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RE	reanalysis
REDP	reanalysis duplicate
SSC	suspended sediment concentration
STR	Severn Trent Laboratories, Richland, WA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SU	standard unit
Svoa	semivolatile organic analysis
TNX	trinitroso-RDX
TPU	total propagated uncertainty
TRP	triplicate
U	The analyte is classified as not detected
UF	unfiltered
UI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UIL	University of Illinois
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.
UMTL	University of Miami Tritium Laboratory
UN	Recovery not within control limits.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
Voa	volatile organic analysis
WG	groundwater
WM	snowmelt
WP	persistent water
WS	surface water

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

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1552	532.2	04/20/10	WG	UF	CS		RAD	LLEE	Tritium	<	1.30913	2.02E-01	1.92E+00		pCi/L	U	U	10-2839	CAAN-10-15269	ARSL
R-31	1552	532.2	10/26/09	WG	UF	CS		RAD	LLEE	Tritium	<	0.44702	9.58E-02	2.87E-01		pCi/L		U	10-270	CAAN-09-14353	UMTL
R-31	1552	532.2	04/07/09	WG	UF	CS		RAD	LLEE	Tritium	<	0.47895	9.58E-02	2.87E-01		pCi/L		U	09-1467	CAAN-09-5703	UMTL
R-31	1552	532.2	10/23/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.79825	9.58E-02	2.87E-01		pCi/L		U	09-181	CAAN-08-16128	UMTL
R-31	1552	532.2	04/17/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.47895	9.58E-02	2.87E-01		pCi/L		U	08-1036	CAAN-08-11746	UMTL
R-31	1612	670.3	04/20/10	WG	UF	CS		RAD	LLEE	Tritium	<	1.2772	2.02E-01	1.88E+00		pCi/L	U	U	10-2839	CAAN-10-15272	ARSL
R-31	1612	670.3	10/26/09	WG	UF	CS		RAD	LLEE	Tritium	<	-0.15965	9.58E-02	2.87E-01		pCi/L	U	U	10-270	CAAN-09-14356	UMTL
R-31	1612	670.3	04/08/09	WG	UF	CS		RAD	LLEE	Tritium	<	0.03193	9.58E-02	2.87E-01		pCi/L	U	U	09-1467	CAAN-09-5705	UMTL
R-31	1612	670.3	10/24/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.3193	9.58E-02	2.87E-01		pCi/L		U	09-181	CAAN-08-16133	UMTL
R-31	1612	670.3	04/16/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.06386	9.58E-02	2.87E-01		pCi/L	U	U	08-1034	CAAN-08-11749	UMTL
R-31	1662	830.9	04/22/10	WG	UF	CS		RAD	LLEE	Tritium	<	2.8759351	2.74E-01	2.22E+00		pCi/L		U	10-2952	CAAN-10-15245	ARSL
R-31	1662	830.9	10/22/09	WG	UF	CS		RAD	LLEE	Tritium	<	0.22351	9.58E-02	2.87E-01		pCi/L	U	U	10-270	CAAN-09-14345	UMTL
R-31	1662	830.9	10/21/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.19158	9.58E-02	2.87E-01		pCi/L	U	U	09-148	CAAN-08-16122	UMTL
R-31	1662	830.9	04/15/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.03193	9.58E-02	2.87E-01		pCi/L	U	U	08-1003	CAAN-08-11742	UMTL
R-31	1712	1011.3	10/22/09	WG	UF	CS		RAD	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01		pCi/L	U	U	10-270	CAAN-09-14349	UMTL
R-31	1712	1011.3	10/22/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.19158	9.58E-02	2.87E-01		pCi/L	U	U	09-181	CAAN-08-16126	UMTL
R-31	1712	1011.3	12/06/06	WG	UF	CS		RAD	LLEE	Tritium	<	-0.03193	9.58E-02	2.87E-01		pCi/L		U	2298	UU06110G31R501	UMTL
R-31	1712	1011.3	08/24/05	WG	UF	CS		RAD	EPA:906.0	Tritium	<	122	2.18E+01	2.13E+02		pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	09/28/01	WG	UF	CS		RAD	LLEE	Tritium		6.27	9.33E-02	0.00E+00		pCi/L			39S	GW31-01-0007	UMTL
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS		RAD	LLEE	Tritium	<	-0.41509	1.92E-01	1.95E+00		pCi/L	U	U	10-2847	CAAN-10-15262	ARSL
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS		RAD	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01		pCi/L	U	U	10-270	CAAN-09-14341	UMTL
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.3193	9.58E-02	2.87E-01		pCi/L		U	09-148	CAAN-08-16119	UMTL
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.25544	9.58E-02	2.87E-01		pCi/L	U	U	08-1033	CAAN-08-11739	UMTL
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS		RAD	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01		pCi/L		U	2421	UU071000G01T01	UMTL
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS		RAD	LLEE	Tritium	<	-1.66036	1.06E+00	1.79E+00		pCi/L	U	U	10-2746	CAAN-10-15258	ARSL
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS		RAD	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01		pCi/L	U	U	10-338	CAAN-09-13675	UMTL
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS		RAD	LLEE	Tritium	<	0.35123	9.58E-02	2.87E-01		pCi/L		U	09-148	CAAN-08-16108	UMTL
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS		RAD	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01		pCi/L	U	U	08-1035	CAAN-08-11743	UMTL
Test Well DT-5A	1821	1172	05/17/07	WG	UF	CS	FB	RAD	LLEE	Tritium	<	-0.03193	9.58E-02	2.87E-01		pCi/L		U	2345	UU070500GA5T01-FB	UMTL
Test Well DT-9	1831	819	04/23/10	WG	UF	CS		RAD	LLEE	Tritium	<	2.6029336	2.48E-01	2.01E+00		pCi/L		U	10-2952	CAAN-10-15261	ARSL
Test Well DT-9	1831	819	10/28/09	WG	UF	CS		RAD	LLEE	Tritium	<	0.51088	9.58E-02	2.87E-01		pCi/L		U	10-338	CAAN-09-14338	UMTL
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	FD	RAD	LLEE	Tritium	<	-5.980489	4.20E-01	3.30E+00		pCi/L	U	U	09-97	CAAN-08-16113	ARSL
Test Well DT-9	1831	819	10/15/08	WG	UF	CS		RAD	LLEE	Tritium	<	72.835523	3.69E+00	3.39E+00		pCi/L		U	09-97	CAAN-08-16112	ARSL
Test Well DT-9	1831	819	04/07/08	WG	UF	CS	FD	RAD	LLEE	Tritium	<	0.35123	9.58E-02	2.87E-01		pCi/L		U	08-952	CAAN-08-11734	UMTL

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	37	—	—	7.30E-01	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	5.53	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	5.88	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.11	—	—	6.60E-02	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.146	—	—	3.30E-02	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	18.8	—	—	3.50E-01	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	19.9	—	—	3.50E-01	mg/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.21	—	—	8.50E-02	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.27	—	—	8.50E-02	mg/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.242	—	—	5.00E-02	mg/L	J	J	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	µg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.222	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.249	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.96	—	—	1.00E-01	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	82.8	—	—	1.00E+00	µS/cm	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.22	—	—	1.00E-01	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.4	—	—	2.30E+00	mg/L	J	J	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.40E+00	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.541	—	—	3.30E-01	mg/L	J	J	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.103	—	—	1.50E-02	mg/L	—	J	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	1.51	—	—	1.00E+00	µg/L	J	J	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	1.7	—	—	1.00E+00	µg/L	J	J	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.24	—	—	2.50E+00	µg/L	J	J	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.11	—	—	2.50E+00	µg/L	J	J	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	43.3	—	—	3.00E+01	µg/L	J	J	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	µg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	1.00E-01	µg/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	5.30E-02	mg/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	23.2	—	—	1.00E+00	ug/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	24.8	—	—	1.00E+00	ug/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.335	—	—	5.00E-02	ug/L	—	—	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.72	—	—	5.00E-02	ug/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.65	—	—	1.00E+00	ug/L	J	J	10-4652	CAAN-10-25922	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.37	—	—	1.00E+00	µg/L	J	J	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00452	3.07E-03	6.10E-02	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.1	6.67E-01	6.70E+00	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.176	5.33E-01	5.30E+00	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.293	1.67E-01	2.10E+00	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.88	3.20E-01	2.90E+00	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.21	1.00E+00	7.10E+00	—	pCi/L	—	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.39	1.00E+00	1.00E+01	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0114	1.93E-03	3.20E-02	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00572	1.90E-03	4.70E-02	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.2	5.67E+00	4.70E+01	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.429	4.33E-01	4.60E+00	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.159	3.33E-02	4.70E-01	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.388	1.27E-02	4.60E-02	—	pCi/L	—	—	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0211	3.03E-03	2.30E-02	—	pCi/L	U	U	10-4652	CAAN-10-25921	GELC
Barbara Spring	—	—	09/17/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.159	7.00E-03	2.00E-02	—	pCi/L	—	—	10-4652	CAAN-10-25921	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63	—	—	7.30E-01	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66	—	—	7.30E-01	mg/L	—	—	10-3111	CAWA-10-17192	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.34	—	—	6.60E-02	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.263	—	—	3.30E-02	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.22	—	—	3.30E-02	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.6	—	—	3.50E-01	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.4	—	—	3.50E-01	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.2	—	—	3.50E-01	mg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.7	—	—	3.50E-01	mg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.86	—	—	8.50E-02	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	8.50E-02	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.8	—	—	8.50E-02	mg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.96	—	—	8.50E-02	mg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.215	—	—	5.00E-02	ug/L	—	J+	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.245	—	—	5.00E-02	µg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	1.00E-01	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.2	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	1.00E-01	mg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	191	—	—	1.00E+00	µS/cm	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1.00E+00	µS/cm	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22.6	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.7	—	—	1.00E-01	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	162	—	—	2.40E+00	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.40E+00	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J-	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	1.00E-02	SU	H	J-	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	µg/L	U	U	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	95	—	—	6.80E+01	µg/L	J	J	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1170	—	—	6.80E+01	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	3	—	—	5.00E-01	µg/L	U	U	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.56	—	—	5.00E-01	µg/L	J	J	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	1.75	—	—	5.00E-01	µg/L	J	J	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.8	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.6	—	—	1.00E+00	µg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.9	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.4	—	—	1.00E+00	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.57	—	—	2.50E+00	µg/L	J	J	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.59	—	—	2.50E+00	µg/L	J	J	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.49	—	—	2.50E+00	µg/L	J	J	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	23.5	—	—	2.50E+00	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.25	—	—	1.00E+00	µg/L	J	J	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	µg/L	U	U	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.56	—	—	1.00E+00	µg/L	J	J	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.49	—	—	1.00E+00	µg/L	J	J	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	152	—	—	3.00E+01	µg/L	—	—	10-4727	CAAN-10-25942	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	50.9	—	—	3.00E+01	µg/L	J	J	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	791	—	—	3.00E+01	µg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2330	—	—	3.00E+01	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	214	—	—	2.00E+00	µg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	121	—	—	2.00E+00	µg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	223	—	—	2.00E+00	µg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	139	—	—	2.00E+00	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	11.5	—	—	1.00E-01	µg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	7.04	—	—	1.00E-01	µg/L	—	J	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	11.1	—	—	1.00E-01	µg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	8.78	—	—	1.00E-01	µg/L	—	J	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.01	—	—	5.00E-01	µg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.999	—	—	5.00E-01	µg/L	J	J	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.75	—	—	5.00E-01	µg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.4	—	—	5.00E-01	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.1	—	—	5.30E-02	mg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.4	—	—	5.30E-02	mg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.3	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.3	—	—	1.00E+00	µg/L	—	—	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.5	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.1	—	—	1.00E+00	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.09	—	—	5.00E-02	µg/L	—	—	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.08	—	—	5.00E-02	µg/L	—	J	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.16	—	—	5.00E-02	µg/L	—	—	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.16	—	—	5.00E-02	µg/L	—	J	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.63	—	—	1.00E+00	µg/L	J	J	10-4727	CAAN-10-25942	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.29	—	—	1.00E+00	µg/L	J	J	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.86	—	—	1.00E+00	µg/L	J	J	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.4	—	—	1.00E+00	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	05/10/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.32	—	—	3.30E+00	µg/L	J	J	10-3111	CAWA-10-17192	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.72	—	—	3.30E+00	µg/L	J	J	10-4727	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	29.7	—	—	3.30E+00	µg/L	—	—	10-3111	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	FB	Svoa	SW-846:8270C	Benzoic Acid	—	17.8	—	—	6.30E+00	µg/L	J	J	10-4726	CAAN-10-25947	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Svoa	SW-846:8270C	Benzoic Acid	<	20	—	—	6.00E+00	µg/L	U	U	10-3110	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	FB	Svoa	SW-846:8270C	Diethylphthalate	—	11.4	—	—	2.10E+00	µg/L	—	—	10-4726	CAAN-10-25947	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	µg/L	U	U	10-3110	CAWA-10-17191	GELC
R-29	9051	1170	09/23/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.29	—	—	2.50E-01	µg/L	J	J	10-4726	CAAN-10-25943	GELC
R-29	9051	1170	05/10/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.54	—	—	2.50E-01	µg/L	J	J	10-3110	CAWA-10-17191	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.6	—	—	7.30E-01	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.7	—	—	7.30E-01	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.44	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.72	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.25	—	—	5.00E-02	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.41	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.84	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.53	—	—	5.00E-02	mg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.64	—	—	6.60E-02	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.61	—	—	6.60E-02	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.53	—	—	6.60E-02	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	3.30E-02	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	3.30E-02	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.182	—	—	3.30E-02	mg/L	—	—	10-3230	CAAN-10-17253	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	35.5	—	—	3.50E-01	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.3	—	—	3.50E-01	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	35.3	—	—	3.50E-01	mg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	3.50E-01	mg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.2	—	—	3.50E-01	mg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	8.50E-02	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	8.50E-02	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	8.50E-02	mg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.111	—	—	1.00E-02	mg/L	—	J	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.47	—	—	5.00E-02	mg/L	—	J	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.344	—	—	5.00E-02	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.247	—	—	5.00E-02	µg/L	—	J+	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.244	—	—	5.00E-02	µg/L	—	J+	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.228	—	—	5.00E-02	µg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.09	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.09	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.09	—	—	5.00E-02	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.06	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.14	—	—	5.00E-02	mg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.19	—	—	5.00E-02	mg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	µS/cm	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	µS/cm	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1.00E+00	µS/cm	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	3.21	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.4	—	—	1.00E-01	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.31	—	—	1.00E-01	mg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	J	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.083	—	—	3.30E-02	mg/L	J	J-	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-3229	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.614	—	—	3.30E-01	mg/L	J	J	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.706	—	—	3.30E-01	mg/L	J	J	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.748	—	—	3.30E-01	mg/L	J	J	10-3229	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.086	—	—	1.50E-02	mg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.061	—	—	1.50E-02	mg/L	—	U	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.98	—	—	1.00E-02	SU	H	J-	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	15.6	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.8	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.9	—	—	1.00E+00	µg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	16	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25949	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.5	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.8	—	—	1.00E+00	µg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.25	—	—	2.50E+00	µg/L	J	J	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	2.50E+00	µg/L	J	J	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.81	—	—	2.50E+00	µg/L	J	J	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	2.8	—	—	2.50E+00	µg/L	J	J	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.93	—	—	2.50E+00	µg/L	J	J	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.09	—	—	2.50E+00	µg/L	J	J	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	56.3	—	—	3.00E+01	µg/L	J	J	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	59.4	—	—	3.00E+01	µg/L	J	J	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	120	—	—	3.00E+01	µg/L	—	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	µg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	1.00E-01	µg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	µg/L	—	J	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	1.00E-01	µg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.46	—	—	1.00E-01	µg/L	—	J	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.69	—	—	5.00E-01	µg/L	J	J	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.618	—	—	5.00E-01	µg/L	J	J	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.609	—	—	5.00E-01	µg/L	J	J	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.788	—	—	5.00E-01	µg/L	J	J	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.795	—	—	5.00E-01	µg/L	J	J	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.649	—	—	5.00E-01	µg/L	J	J	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	63.4	—	—	5.30E-02	µg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.2	—	—	5.30E-02	µg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64	—	—	5.30E-01	µg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	46.3	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	47.9	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1.00E+00	µg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	46.8	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.4	—	—	1.00E+00	µg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.622	—	—	5.00E-02	µg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.611	—	—	5.00E-02	µg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.61	—	—	5.00E-02	µg/L	—	U	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.612	—	—	5.00E-02	µg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.588	—	—	5.00E-02	µg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.67	—	—	5.00E-02	µg/L	—	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	6.41	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-26625	GELC
R-30	9091	1140	09/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.31	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25950	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.34	—	—	1.00E+00	µg/L	—	—	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	6	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.62	—	—	1.00E+00	µg/L	—	—	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.14	—	—	1.00E+00	µg/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	05/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-3230	CAAN-10-17253	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.68	—	—	3.30E+00	µg/L	J	J	10-4727	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.24	—	—	3.30E+00	µg/L	J	J	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.0033	9.00E-04	3.90E-02	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00492	1.20E-03	3.30E-02	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0112	1.53E-03	2.50E-02	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	2.14	6.00E-01	6.30E+00	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.24	5.33E-01	5.10E+00	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.6	4.33E-01	4.10E+00	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	2.44	6.33E-01	7.10E+00	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.99	6.33E-01	7.10E+00	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.82	4.00E-01	3.60E+00	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.17	2.43E-01	2.20E+00	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.876	2.13E-01	2.10E+00	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.95	4.00E-01	2.20E+00	—	pCi/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	2.72	3.00E-01	2.50E+00	—	pCi/L	—	—	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.612	2.20E-01	2.30E+00	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.88	2.97E-01	2.00E+00	—	pCi/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	19.1	4.00E+00	1.40E+01	—	pCi/L	—	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	25.1	3.07E+00	1.70E+01	—	pCi/L	—	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	63.7	5.00E+00	7.00E+01	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	3.25	1.00E+00	1.10E+01	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.29	1.03E+00	9.50E+00	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.18	7.67E-01	7.30E+00	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.00155	5.00E-04	1.80E-02	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00341	1.00E-03	1.90E-02	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00614	1.20E-03	3.20E-02	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00309	1.03E-03	3.00E-02	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0102	1.80E-03	3.30E-02	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00204	2.03E-03	3.00E-02	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	54	7.00E+00	8.50E+01	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-28.4	6.33E+00	6.10E+01	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.49	5.00E+00	5.80E+01	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-0.556	7.33E-01	6.90E+00	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.77	6.00E-01	6.50E+00	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.22	5.33E-01	5.40E+00	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0381	4.67E-02	5.10E-01	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0725	4.33E-02	4.70E-01	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0454	4.33E-02	5.10E-01	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.368	1.40E-02	7.40E-02	—	pCi/L	—	—	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.306	1.23E-02	7.40E-02	—	pCi/L	—	—	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.373	1.33E-02	3.70E-02	—	pCi/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00679	1.60E-03	3.70E-02	—	pCi/L	U	U	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00682	1.60E-03	3.70E-02	—	pCi/L	U	U	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0283	3.33E-03	3.40E-02	—	pCi/L	U	U	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.162	8.33E-03	3.20E-02	—	pCi/L	—	—	10-4726	CAAN-10-25949	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.176	8.33E-03	3.30E-02	—	pCi/L	—	—	10-4726	CAAN-10-25948	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.19	8.33E-03	3.40E-02	—	pCi/L	—	—	10-3230	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FB	Svoa	SW-846:8270C	Benzoic Acid	—	17.5	—	—	6.30E+00	µg/L	J	J	10-4726	CAAN-10-26626	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Svoa	SW-846:8270C	Benzoic Acid	<	20	—	—	6.00E+00	µg/L	U	U	10-3229	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FB	Svoa	SW-846:8270C	Diethylphthalate	—	24.7	—	—	2.10E+00	µg/L	—	—	10-4726	CAAN-10-26626	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	µg/L	U	U	10-3229	CAAN-10-17252	GELC
R-30	9091	1140	09/23/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.48	—	—	3.00E-01	µg/L	J	J	10-4726	CAAN-10-25951	GELC
R-30	9091	1140	05/19/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	µg/L	U	U	10-3229	CAAN-10-17252	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.6	—	—	7.30E-01	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.6	—	—	7.30E-01	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.2	—	—	7.30E-01	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.9	—	—	7.30E-01	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.38	—	—	5.00E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.98	—	—	5.00E-02	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14344	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.79	—	—	3.00E-02	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.56	—	—	3.00E-02	mg/L	EN	J+	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.41	—	—	5.00E-02	mg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.53	—	—	5.00E-02	mg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.99	—	—	3.00E-02	mg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.66	—	—	3.00E-02	mg/L	EN	J+	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.67	—	—	6.60E-02	mg/L	—	J+	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.51	—	—	6.60E-02	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.55	—	—	6.60E-02	mg/L	—	J	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.72	—	—	6.60E-02	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	3.30E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.171	—	—	3.30E-02	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.404	—	—	3.30E-02	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.31	—	—	3.30E-02	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.3	—	—	3.50E-01	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.2	—	—	3.50E-01	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35	—	—	3.50E-01	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	3.50E-01	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.8	—	—	4.30E-01	mg/L	—	—	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.2	—	—	3.50E-01	mg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	3.50E-01	mg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.3	—	—	3.50E-01	mg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.8	—	—	3.50E-01	mg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	4.30E-01	mg/L	—	—	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	4.30E-01	mg/L	—	—	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	8.50E-02	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.35	—	—	8.50E-02	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.19	—	—	8.50E-02	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.06	—	—	8.50E-02	mg/L	—	—	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.35	—	—	8.50E-02	mg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.35	—	—	8.50E-02	mg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.48	—	—	8.50E-02	mg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.15	—	—	8.50E-02	mg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	8.50E-02	mg/L	—	—	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.295	—	—	5.00E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.38	—	—	5.00E-02	mg/L	—	U	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.377	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.25	—	—	5.00E-02	mg/L	U	UJ	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.244	—	—	5.00E-02	µg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.236	—	—	5.00E-02	µg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.219	—	—	5.00E-02	µg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.242	—	—	5.00E-02	µg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.4	—	—	5.00E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.4	—	—	5.00E-02	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.28	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.69	—	—	5.00E-02	mg/L	—	J	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.88	—	—	5.00E-02	mg/L	—	—	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.34	—	—	5.00E-02	mg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.18	—	—	5.00E-02	mg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.38	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.68	—	—	5.00E-02	mg/L	—	J	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.36	—	—	5.00E-02	mg/L	—	—	08-1002	CAAN-08-11742	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.98	—	—	1.00E-01	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.61	—	—	4.50E-02	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.07	—	—	4.50E-02	mg/L	EN	J+	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.81	—	—	1.00E-01	mg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.68	—	—	4.50E-02	mg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	4.50E-02	mg/L	EN	J+	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	µS/cm	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	µS/cm	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	118	—	—	1.00E+00	µS/cm	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1.00E+00	µS/cm	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.68	—	—	1.00E-01	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.76	—	—	1.00E-01	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.49	—	—	1.00E-01	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.66	—	—	1.00E-01	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	J	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.055	—	—	1.50E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.058	—	—	1.50E-02	mg/L	—	U	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.08	—	—	1.50E-02	mg/L	—	J-	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.058	—	—	2.40E-02	mg/L	—	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J-	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.22	—	—	1.00E-02	SU	H	J-	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.25	—	—	1.00E-02	SU	H	J-	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	1.00E-02	SU	H	J-	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.8	—	—	1.00E+00	µg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.3	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.5	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.7	—	—	1.00E+00	µg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	µg/L	—	—	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.7	—	—	1.00E+00	µg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.8	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.4	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.6	—	—	1.00E+00	µg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.2	—	—	1.00E+00	µg/L	—	—	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	1.00E-01	µg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.14	—	—	1.00E-01	µg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.41	—	—	1.00E-01	µg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	µg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	µg/L	—	—	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	1.00E-01	µg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.961	—	—	1.00E-01	µg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	µg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	µg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	1.00E-01	ug/L	—	—	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	82.6	—	—	5.30E-02	mg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	82	—	—	5.30E-02	mg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78.5	—	—	5.30E-02	mg/L	—	—	10-238	CAAN-09-14344	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1662	830.9	10/21/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.4	—	—	3.20E-02	mg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48	—	—	1.00E+00	µg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	47.9	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.6	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1.00E+00	µg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.3	—	—	1.00E+00	µg/L	—	—	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1.00E+00	µg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.3	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47	—	—	1.00E+00	µg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.4	—	—	1.00E+00	µg/L	—	—	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.257	—	—	5.00E-02	µg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.265	—	—	5.00E-02	µg/L	—	U	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.217	—	—	5.00E-02	µg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.24	—	—	5.00E-02	µg/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.23	—	—	5.00E-02	µg/L	—	—	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.281	—	—	5.00E-02	µg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.253	—	—	5.00E-02	µg/L	—	U	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.219	—	—	5.00E-02	µg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.24	—	—	5.00E-02	µg/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.24	—	—	5.00E-02	µg/L	—	—	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.43	—	—	1.00E+00	µg/L	—	—	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.02	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.09	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	µg/L	—	J	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.7	—	—	1.00E+00	µg/L	—	J	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.79	—	—	1.00E+00	µg/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.79	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.25	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.1	—	—	1.00E+00	µg/L	—	J	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1.00E+00	µg/L	—	J	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	09/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.19	—	—	3.30E+00	µg/L	B	J	10-4668	CAAN-10-25928	GELC
R-31	1662	830.9	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	µg/L	U	U	10-2878	CAAN-10-15246	GELC
R-31	1662	830.9	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.64	—	—	3.30E+00	µg/L	J	J	10-238	CAAN-09-14344	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.2	—	—	2.00E+00	µg/L	J	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	04/15/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.1	—	—	2.00E+00	µg/L	J	J	08-1002	CAAN-08-11740	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.48	—	—	3.30E+00	µg/L	B	J	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	04/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.21	—	—	3.30E+00	µg/L	B	J	10-2878	CAAN-10-15245	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.8	—	—	3.30E+00	µg/L	J	J	10-238	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	9	—	—	2.00E+00	µg/L	J	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	04/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.6	—	—	2.00E+00	µg/L	J	J	08-1002	CAAN-08-11742	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.035	4.00E-03	2.70E-02	—	pCi/L	—	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00935	2.63E-03	3.26E-02	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00213	1.12E-03	2.12E-02	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00667	1.13E-03	3.40E-02	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000802	6.00E-04	3.50E-02	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0265	4.00E-03	3.00E-02	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000836	2.35E-03	3.15E-02	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0226	3.90E-03	2.81E-02	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.369	4.33E-01	4.30E+00	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.3	5.23E-01	3.82E+00	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.82	3.43E-01	4.22E+00	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.73	5.33E-01	5.70E+00	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.554	4.33E-01	4.10E+00	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.21	4.33E-01	4.00E+00	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.18	4.43E-01	4.57E+00	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.8	4.43E-01	4.57E+00	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.529	5.67E-01	5.60E+00	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.916	5.47E-01	5.11E+00	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.2	4.07E-01	3.58E+00	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.94	5.33E-01	5.60E+00	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.788	4.00E-01	4.10E+00	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.22	4.67E-01	3.90E+00	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.348	3.77E-01	3.79E+00	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.68	3.90E-01	4.15E+00	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.684	8.17E-02	6.89E-01	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.144	1.16E-01	1.45E+00	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	08/23/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.873	1.05E-01	1.03E+00	—	pCi/L	U	U	144034	GF0508G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.85	2.93E-01	2.40E+00	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.478	1.40E-01	1.50E+00	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.304	9.13E-02	9.29E-01	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.404	1.03E-01	1.02E+00	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	08/23/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.169	1.45E-01	2.30E+00	—	pCi/L	U	U	144034	GU0508G31R401	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5	1.91E-01	9.90E-01	—	pCi/L	—	—	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.916	2.23E-01	2.25E+00	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	08/23/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.44	1.65E-01	1.45E+00	—	pCi/L	—	—	144034	GF0508G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.26	2.87E-01	2.10E+00	—	pCi/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.63	4.33E-01	3.60E+00	—	pCi/L	—	—	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.64	1.54E-01	9.16E-01	—	pCi/L	—	—	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.65	2.13E-01	2.01E+00	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	08/23/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5	4.33E-01	4.89E+00	—	pCi/L	—	J	144034	GU0508G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	1.52	4.67E-01	3.20E+00	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	75.2	1.67E+01	2.51E+02	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.3	2.74E+01	2.98E+02	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	39.7	3.33E+00	2.60E+01	—	pCi/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	70.6	6.33E+00	6.30E+01	—	pCi/L	—	—	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.3	4.67E+00	1.60E+01	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	56.9	1.60E+01	1.68E+02	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	88	2.20E+01	3.05E+02	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.76	3.33E+00	3.30E+01	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-20.6	2.97E+00	2.56E+01	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.328	3.43E+00	3.46E+01	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.2	1.03E+00	1.10E+01	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.47	4.33E+00	3.80E+01	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-25.2	2.97E+00	2.60E+01	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.13	2.69E+00	2.67E+01	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.44	2.82E+00	2.71E+01	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0051	1.27E-03	2.60E-02	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00161	1.61E-03	2.82E-02	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00569	1.42E-03	2.08E-02	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00325	9.33E-04	1.90E-02	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.013	1.90E-03	3.60E-02	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00186	1.63E-03	2.80E-02	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00312	1.65E-03	2.72E-02	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.49E-03	2.46E-02	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0051	1.27E-03	2.90E-02	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00161	5.40E-04	2.65E-02	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00379	8.93E-04	1.38E-02	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	7.67E-04	3.20E-02	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00433	1.77E-03	3.60E-02	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00557	1.07E-03	3.20E-02	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00624	1.28E-03	2.56E-02	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00672	3.08E-03	1.64E-02	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	10.4	5.33E+00	5.50E+01	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.8	6.97E+00	6.73E+01	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	50.2	4.37E+00	6.07E+01	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.96	6.67E+00	6.90E+01	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.25	5.00E+00	5.20E+01	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.85	5.33E+00	5.20E+01	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-38.5	4.63E+00	3.58E+01	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.17	4.43E+00	4.46E+01	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.61	4.33E-01	3.10E+00	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.282	4.53E-01	4.60E+00	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.311	3.83E-01	4.50E+00	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.304	4.67E-01	4.70E+00	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.94	4.67E-01	5.30E+00	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.76	4.67E-01	5.20E+00	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.706	4.60E-01	4.72E+00	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.236	3.73E-01	4.20E+00	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.076	4.00E-02	4.20E-01	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.15	4.33E-02	4.45E-01	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.335	3.12E-02	4.18E-01	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.038	3.67E-02	4.00E-01	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0477	4.67E-02	4.80E-01	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00832	2.50E-02	2.80E-01	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0245	4.30E-02	4.85E-01	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0461	3.90E-02	4.38E-01	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.192	7.33E-03	6.40E-02	—	pCi/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.168	7.40E-03	5.37E-02	—	pCi/L	—	—	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.157	8.17E-03	6.07E-02	—	pCi/L	—	J	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.136	7.67E-03	7.30E-02	—	pCi/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0601	1.00E-02	1.90E-01	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.171	6.67E-03	5.60E-02	—	pCi/L	—	—	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.103	5.90E-03	5.79E-02	—	pCi/L	—	J	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.156	7.13E-03	4.46E-02	—	pCi/L	—	—	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0201	2.27E-03	3.30E-02	—	pCi/L	U	U	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00461	2.18E-03	3.19E-02	—	pCi/L	U	U	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0106	2.64E-03	6.19E-02	—	pCi/L	U	U	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00336	1.93E-03	3.70E-02	—	pCi/L	U	U	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	5.33E-03	9.60E-02	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00391	1.60E-03	2.90E-02	—	pCi/L	U	U	09-147	CAAN-08-16122	GELC
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0174	2.50E-03	3.44E-02	—	pCi/L	U	U	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.013	2.61E-03	4.55E-02	—	pCi/L	U	U	177384	GU06110G31R401	GELC
R-31	1662	830.9	10/21/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0832	4.67E-03	3.50E-02	—	pCi/L	—	—	09-147	CAAN-08-16120	GELC
R-31	1662	830.9	11/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0709	4.33E-03	3.58E-02	—	pCi/L	—	J	197215	GF07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0801	6.33E-03	4.30E-02	—	pCi/L	—	J	177384	GF06110G31R401	GELC
R-31	1662	830.9	09/20/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0679	5.00E-03	3.20E-02	—	pCi/L	—	—	10-4668	CAAN-10-25927	GELC
R-31	1662	830.9	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0894	8.33E-03	1.20E-01	—	pCi/L	U	U	10-237	CAAN-09-14345	GELC
R-31	1662	830.9	10/21/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.068	3.67E-03	3.10E-02	—	pCi/L	—	—	09-147	CAAN-08-16122	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1662	830.9	11/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0986	5.57E-03	3.86E-02	—	pCi/L	—	J	197215	GU07100G31R401	GELC
R-31	1662	830.9	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0694	4.43E-03	3.16E-02	—	pCi/L	—	J	177384	GU06110G31R401	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	2.08	—	—	7.30E-01	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1	—	—	7.30E-01	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	0.995	—	—	7.30E-01	mg/L	J	J	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	2.11	—	—	7.30E-01	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.6	—	—	7.30E-01	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.1	—	—	7.30E-01	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.7	—	—	7.30E-01	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.9	—	—	7.30E-01	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.52	—	—	5.00E-02	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.09	—	—	5.00E-02	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.64	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.47	—	—	3.00E-02	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.95	—	—	3.60E-02	mg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.85	—	—	5.00E-02	mg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.2	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.4	—	—	3.00E-02	mg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.71	—	—	3.60E-02	mg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	6.60E-02	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.34	—	—	6.60E-02	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.27	—	—	6.60E-02	mg/L	—	J	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.49	—	—	6.60E-02	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.156	—	—	3.30E-02	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.132	—	—	3.30E-02	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.369	—	—	3.30E-02	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.269	—	—	3.30E-02	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.4	—	—	3.50E-01	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.8	—	—	3.50E-01	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.3	—	—	3.50E-01	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.8	—	—	3.50E-01	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33	—	—	8.50E-02	mg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.7	—	—	3.50E-01	mg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	3.50E-01	mg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.8	—	—	3.50E-01	mg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.2	—	—	8.50E-02	mg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.46	—	—	8.50E-02	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.32	—	—	8.50E-02	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.36	—	—	8.50E-02	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.34	—	—	8.50E-02	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.6	—	—	8.50E-02	mg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.57	—	—	8.50E-02	mg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.59	—	—	8.50E-02	mg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.38	—	—	8.50E-02	mg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.54	—	—	8.50E-02	mg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.3	—	—	5.00E-02	mg/L	—	J	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.381	—	—	5.00E-02	mg/L	—	U	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.339	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.325	—	—	5.00E-02	mg/L	—	J	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.22	—	—	5.00E-02	µg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.227	—	—	5.00E-02	µg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.197	—	—	5.00E-02	µg/L	J	J	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.257	—	—	5.00E-02	µg/L	—	—	09-162	CAAN-08-16124	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.79	—	—	5.00E-02	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.99	—	—	5.00E-02	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.05	—	—	5.00E-02	mg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.85	—	—	5.00E-02	mg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.87	—	—	5.00E-02	mg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.83	—	—	5.00E-02	mg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.96	—	—	5.00E-02	mg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1.00E+00	µS/cm	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	µS/cm	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	105	—	—	1.00E+00	µS/cm	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	µS/cm	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.4	—	—	1.00E-01	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.41	—	—	1.00E-01	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.21	—	—	1.00E-01	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.32	—	—	1.00E-01	mg/L	—	J	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.40E+00	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	115	—	—	2.40E+00	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.40E+00	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J-	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.42	—	—	1.00E-02	SU	H	J-	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.42	—	—	1.00E-02	SU	H	J-	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.43	—	—	1.00E-02	SU	H	J-	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.8	—	—	1.00E+00	µg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.5	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	µg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	µg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1.00E+00	µg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1.00E+00	µg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.6	—	—	1.00E+00	µg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.76	—	—	2.50E+00	µg/L	J	J	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.91	—	—	2.50E+00	µg/L	B	J	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.09	—	—	2.50E+00	µg/L	J	J	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.50E+00	µg/L	J	J	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.00E+00	µg/L	J	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.43	—	—	2.50E+00	µg/L	J	J	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.99	—	—	2.50E+00	µg/L	J	J	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1.50E+00	µg/L	J	J	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.00E+00	µg/L	J	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	µg/L	—	J	10-4600	CAAN-10-25932	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.697	—	—	1.00E-01	µg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.969	—	—	1.00E-01	µg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	µg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4	—	—	2.00E+00	µg/L	J	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	1.00E-01	µg/L	—	J	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.987	—	—	1.00E-01	µg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	84.2	—	—	5.30E-02	mg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	80.7	—	—	5.30E-02	mg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	82.5	—	—	5.30E-02	mg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	80.8	—	—	3.20E-02	mg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.2	—	—	1.00E+00	µg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.5	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.7	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.3	—	—	1.00E+00	µg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.7	—	—	1.00E+00	µg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.3	—	—	1.00E+00	µg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.2	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1.00E+00	µg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.3	—	—	1.00E+00	µg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.135	—	—	5.00E-02	µg/L	J	J	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.125	—	—	5.00E-02	µg/L	B	U	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.091	—	—	5.00E-02	µg/L	J	J	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	5.00E-02	µg/L	J	J	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.12	—	—	5.00E-02	µg/L	J	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.155	—	—	5.00E-02	µg/L	J	J	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.095	—	—	5.00E-02	µg/L	J	J	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	5.00E-02	µg/L	J	J	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.074	—	—	5.00E-02	µg/L	J	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.32	—	—	1.00E+00	µg/L	—	—	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.11	—	—	1.00E+00	µg/L	—	—	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.17	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	µg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1.00E+00	µg/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1.00E+00	µg/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.22	—	—	1.00E+00	µg/L	—	—	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.9	—	—	1.00E+00	µg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.9	—	—	1.00E+00	µg/L	—	—	177502	GU06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.08	—	—	3.30E+00	µg/L	J	J	10-4600	CAAN-10-25932	GELC
R-31	1712	1011.3	04/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.43	—	—	3.30E+00	µg/L	B	J	10-2878	CAAN-10-15248	GELC
R-31	1712	1011.3	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.82	—	—	3.30E+00	µg/L	J	J	10-238	CAAN-09-14348	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	19.6	—	—	2.00E+00	µg/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.1	—	—	2.00E+00	µg/L	J	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.06	—	—	3.30E+00	µg/L	J	J	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.49	—	—	3.30E+00	µg/L	J	J	10-238	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	85.6	—	—	2.00E+00	µg/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	8.1	—	—	2.00E+00	µg/L	J	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	4.33E-03	3.30E-02	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00185	1.70E-03	3.09E-02	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00662	1.38E-03	3.30E-02	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	1.23E-03	4.40E-02	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00237	6.67E-04	3.30E-02	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00347	5.67E-03	4.10E-02	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00153	1.50E-03	2.18E-02	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00863	2.09E-03	3.20E-02	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0928	4.67E-01	4.40E+00	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.869	3.83E-01	3.43E+00	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.81	3.37E-01	3.91E+00	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.72	5.33E-01	4.40E+00	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.473	4.67E-01	4.70E+00	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.381	4.33E-01	4.30E+00	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.67	4.27E-01	3.32E+00	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.03	4.30E-01	4.28E+00	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.26	4.00E-01	3.90E+00	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3	4.60E-01	5.19E+00	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3	4.20E-01	5.15E+00	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.91	6.33E-01	7.10E+00	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.56	5.00E-01	5.20E+00	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.294	4.00E-01	3.90E+00	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0217	3.70E-01	3.61E+00	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.735	4.00E-01	4.77E+00	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.1	2.14E-01	1.95E+00	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.921	2.12E-01	2.54E+00	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.367	1.77E-01	2.10E+00	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.112	2.30E-01	2.60E+00	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.705	8.17E-02	1.53E+00	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.01	2.70E-01	2.48E+00	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	09/28/01	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.00583	3.33E-02	4.80E-01	—	pCi/L	U	U	22S	GW31-01-0007	STSL
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	12.1	5.27E-01	3.51E+00	—	pCi/L	—	—	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.35	1.39E-01	1.44E+00	—	pCi/L	—	J	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.07	2.80E-01	2.80E+00	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.84	3.20E-01	2.90E+00	—	pCi/L	—	—	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.15	2.54E-01	2.27E+00	—	pCi/L	—	J	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.47	2.20E-01	2.58E+00	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	09/28/01	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.24	5.33E-02	5.10E-01	—	pCi/L	J	—	22S	GW31-01-0007	STSL
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	24.6	7.67E+00	3.90E+01	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.1	1.61E+01	2.12E+02	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	114	7.10E+01	4.26E+02	—	pCi/L	U	J-, U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	28.6	3.33E+00	2.40E+01	—	pCi/L	—	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	59.5	1.00E+01	7.50E+01	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.6	4.67E+00	3.10E+01	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	56.4	1.80E+01	2.21E+02	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	77.4	2.43E+01	3.41E+02	—	pCi/L	U	U, J-	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.88	3.10E+00	3.10E+01	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.8	3.40E+00	3.22E+01	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.63	1.73E+00	1.61E+01	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.73	9.67E-01	9.60E+00	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.3	3.67E+00	3.60E+01	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.16	3.07E+00	2.90E+01	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.5	2.26E+00	2.55E+01	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.337	1.72E+00	1.73E+01	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.002	2.40E-03	3.00E-02	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.17E-04	3.02E-02	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00816	3.47E-03	4.23E-02	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.03E-09	2.47E-03	2.40E-02	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00419	1.00E-03	3.40E-02	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00404	2.53E-03	3.10E-02	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0128	4.27E-03	3.50E-02	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0141	3.37E-03	4.17E-02	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.012	2.10E-03	3.40E-02	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0358	4.60E-03	2.01E-02	—	pCi/L	U	R	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00408	2.88E-03	3.57E-02	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00213	2.13E-03	3.50E-02	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00418	1.40E-03	3.40E-02	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00202	1.17E-03	3.50E-02	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0127	2.61E-03	2.33E-02	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.012	2.84E-03	3.52E-02	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	42.2	7.00E+00	3.30E+01	—	pCi/L	UI	R	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.98	4.80E+00	3.50E+01	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	44.8	6.33E+00	2.97E+01	—	pCi/L	UI	R	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.5	8.33E+00	8.90E+01	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.3	4.67E+00	4.70E+01	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.6	5.33E+00	5.60E+01	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.7	4.83E+00	4.37E+01	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.1	4.57E+00	3.95E+01	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.18	4.00E-01	3.90E+00	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.29	3.63E-01	3.47E+00	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.59	4.23E-01	3.47E+00	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.28	5.67E-01	6.00E+00	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.59	5.00E-01	5.30E+00	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.324	4.00E-01	4.20E+00	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.324	4.00E-01	4.20E+00	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.334	4.03E-01	4.02E+00	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.928	4.30E-01	4.41E+00	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.119	4.33E-02	4.70E-01	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0224	3.47E-02	3.81E-01	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0568	1.80E-02	2.55E-01	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0754	4.33E-02	4.90E-01	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0189	3.03E-02	3.10E-01	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.179	2.63E-02	4.20E-01	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0792	3.50E-02	3.77E-01	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0326	1.79E-02	2.49E-01	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.107	5.00E-03	5.80E-02	—	pCi/L	—	—	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.102	6.40E-03	5.44E-02	—	pCi/L	—	J	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.115	5.60E-03	6.48E-02	—	pCi/L	—	J	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0814	5.00E-03	5.40E-02	—	pCi/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.086	9.00E-03	2.50E-01	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0813	5.33E-03	6.10E-02	—	pCi/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0907	6.20E-03	5.83E-02	—	pCi/L	—	J	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0965	5.03E-03	6.54E-02	—	pCi/L	—	J	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0162	1.93E-03	3.00E-02	—	pCi/L	U	U	09-162	CAAN-08-16124	GELC
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00633	2.59E-03	5.55E-02	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0184	2.64E-03	4.88E-02	—	pCi/L	U	U	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0124	1.87E-03	2.70E-02	—	pCi/L	U	U	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	4.00E-03	1.20E-01	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0192	3.13E-03	3.20E-02	—	pCi/L	U	U	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00679	2.27E-03	5.95E-02	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0053	2.80E-03	4.92E-02	—	pCi/L	U	U	144084	GU0508G31R501	GELC
R-31	1712	1011.3	10/22/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0558	3.33E-03	3.20E-02	—	pCi/L	—	—	09-162	CAAN-08-16124	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-31	1712	1011.3	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0256	4.53E-03	3.85E-02	—	pCi/L	U	U	177502	GF06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.051	3.70E-03	4.59E-02	—	pCi/L	—	J	144084	GF0508G31R501	GELC
R-31	1712	1011.3	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0422	3.67E-03	2.40E-02	—	pCi/L	—	—	10-4600	CAAN-10-25931	GELC
R-31	1712	1011.3	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0616	9.00E-03	1.50E-01	—	pCi/L	U	U	10-237	CAAN-09-14349	GELC
R-31	1712	1011.3	10/22/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0484	3.67E-03	3.40E-02	—	pCi/L	—	—	09-162	CAAN-08-16126	GELC
R-31	1712	1011.3	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.022	4.30E-03	4.13E-02	—	pCi/L	U	U	177502	GU06110G31R501	GELC
R-31	1712	1011.3	08/24/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0472	3.87E-03	4.63E-02	—	pCi/L	—	J	144084	GU0508G31R501	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.5	—	—	7.30E-01	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.2	—	—	7.30E-01	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.8	—	—	7.30E-01	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	32.3	—	—	7.30E-01	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.3	—	—	7.25E-01	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.73	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.73	—	—	5.00E-02	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.23	—	—	3.00E-02	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.01	—	—	3.00E-02	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.84	—	—	3.00E-02	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.75	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.94	—	—	5.00E-02	mg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.3	—	—	3.00E-02	mg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.25	—	—	3.00E-02	mg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.92	—	—	3.00E-02	mg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.31	—	—	6.60E-02	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.68	—	—	6.60E-02	mg/L	—	J	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.95	—	—	6.60E-02	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.97	—	—	6.60E-02	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.39	—	—	6.60E-02	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.185	—	—	3.30E-02	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.339	—	—	3.30E-02	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.225	—	—	3.30E-02	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.144	—	—	3.30E-02	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.27	—	—	3.30E-02	mg/L	—	J+	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	3.50E-01	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	3.50E-01	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	3.50E-01	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.8	—	—	4.30E-01	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.4	—	—	4.25E-01	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	3.50E-01	mg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35	—	—	3.50E-01	mg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	3.50E-01	mg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	4.30E-01	mg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.6	—	—	4.25E-01	mg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	8.50E-02	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	8.50E-02	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.1	—	—	8.50E-02	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	8.50E-02	mg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0656	—	—	5.00E-02	ug/L	J	J	10-4652	CAAN-10-25920	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.124	—	—	5.00E-02	ug/L	J	J	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.098	—	—	5.00E-02	ug/L	J	J	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.224	—	—	5.00E-02	ug/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.101	—	—	5.00E-02	ug/L	J	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.5	—	—	5.00E-02	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	5.00E-02	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.3	—	—	5.00E-02	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	5.00E-02	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.07	—	—	5.00E-02	mg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	5.00E-02	mg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	63.4	—	—	3.20E-02	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.51	—	—	4.50E-02	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.82	—	—	4.50E-02	mg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	µS/cm	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	118	—	—	1.00E+00	µS/cm	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	µS/cm	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	µS/cm	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1.00E+00	µS/cm	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	1.00E-01	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.58	—	—	1.00E-01	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2	—	—	1.00E-01	mg/L	—	J	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.11	—	—	1.00E-01	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2	—	—	1.00E-01	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.40E+00	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.38E+00	mg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.51	—	—	3.30E-01	mg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.77	—	—	3.30E-01	mg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.36	—	—	3.30E-01	mg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.37	—	—	3.30E-01	mg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.36	—	—	3.30E-01	mg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J-	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	1.00E-02	SU	H	J-	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	76.7	—	—	6.80E+01	µg/L	J	J	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	114	—	—	6.80E+01	µg/L	J	J	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	68.4	—	—	6.80E+01	µg/L	J	J	09-166	CAAN-08-16448	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	4840	—	—	6.80E+01	µg/L	E	J	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	—	73.2	—	—	6.80E+01	µg/L	J	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	121	—	—	6.80E+01	µg/L	J	J	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	263	—	—	6.80E+01	µg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	369	—	—	6.80E+01	µg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4920	—	—	6.80E+01	µg/L	E	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	121	—	—	6.80E+01	µg/L	J	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	11.1	—	—	1.00E+00	µg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	12.8	—	—	1.00E+00	µg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	15.1	—	—	1.00E+00	µg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	31.5	—	—	1.00E+00	µg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	15.1	—	—	1.00E+00	µg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.8	—	—	1.00E+00	µg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.9	—	—	1.00E+00	µg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1.00E+00	µg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.1	—	—	1.00E+00	µg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.4	—	—	1.00E+00	µg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	2.95	—	—	2.50E+00	µg/L	J	J	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	1.7	—	—	1.50E+00	µg/L	J	J	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	2.50E+00	µg/L	J	J	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.00E+00	µg/L	J	J	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	µg/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	2.50E+00	µg/L	J	J	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.00E+00	µg/L	J	J	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	164	—	—	3.00E+01	µg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	160	—	—	3.00E+01	µg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	84.1	—	—	2.50E+01	µg/L	J	J	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	1970	—	—	2.50E+01	µg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	49.4	—	—	2.50E+01	µg/L	J	JN-	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	223	—	—	3.00E+01	µg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	290	—	—	3.00E+01	µg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	239	—	—	2.50E+01	µg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	2050	—	—	2.50E+01	µg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	70.5	—	—	2.50E+01	µg/L	J	JN-	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.93	—	—	2.00E+00	µg/L	J	J	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	25.8	—	—	2.00E+00	µg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	13.5	—	—	2.00E+00	µg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.5	—	—	2.00E+00	µg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	9.4	—	—	2.00E+00	µg/L	J	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.9	—	—	2.00E+00	µg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	39.1	—	—	2.00E+00	µg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.9	—	—	2.00E+00	µg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	35.6	—	—	2.00E+00	µg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2.00E+00	µg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	µg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	µg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.56	—	—	1.00E-01	µg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	µg/L	J	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	1.00E-01	µg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	1.00E-01	µg/L	—	—	10-224	CAAN-09-14357	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	µg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.54	—	—	1.00E-01	µg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	µg/L	U	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.755	—	—	5.00E-01	µg/L	J	J	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	5.00E-01	µg/L	J	J	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	UJ	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.849	—	—	5.00E-01	µg/L	J	J	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	µg/L	J	J	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.92	—	—	5.00E-01	µg/L	J	J	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	µg/L	U	UJ	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.2	—	—	5.30E-02	mg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.6	—	—	5.30E-02	mg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62	—	—	3.20E-02	mg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.5	—	—	3.20E-02	mg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1.00E+00	µg/L	—	—	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.2	—	—	1.00E+00	µg/L	—	—	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.5	—	—	1.00E+00	µg/L	—	—	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	53	—	—	1.00E+00	µg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.4	—	—	1.00E+00	µg/L	—	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1.00E+00	µg/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.1	—	—	1.00E+00	µg/L	—	—	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1.00E+00	µg/L	—	—	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1.00E+00	µg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1.00E+00	µg/L	—	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.082	—	—	5.00E-02	µg/L	J	J	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.055	—	—	5.00E-02	µg/L	J	U	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.05	—	—	5.00E-02	µg/L	J	J	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.23	—	—	5.00E-02	µg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6020	Uranium	<	0.087	—	—	5.00E-02	µg/L	J	J, U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.103	—	—	5.00E-02	µg/L	J	J	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.088	—	—	5.00E-02	µg/L	J	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.075	—	—	5.00E-02	µg/L	J	J	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	µg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.075	—	—	5.00E-02	µg/L	J	J, U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.95	—	—	1.00E+00	µg/L	J	J	10-4652	CAAN-10-25920	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.6	—	—	1.00E+00	µg/L	J	J	10-224	CAAN-09-14359	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1.00E+00	µg/L	J	J	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.1	—	—	1.00E+00	µg/L	—	—	08-956	CAAN-08-11751	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1.00E+00	µg/L	J	—	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.96	—	—	1.00E+00	µg/L	J	J	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.96	—	—	1.00E+00	µg/L	J	J	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1.00E+00	µg/L	J	J	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	04/08/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1.00E+00	µg/L	—	—	08-956	CAAN-08-11752	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	µg/L	J	—	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00339	1.50E-03	3.50E-02	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00116	7.93E-04	3.15E-02	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00428	3.43E-03	3.55E-02	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00305	1.90E-03	5.10E-02	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0117	1.83E-03	4.90E-02	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.011	1.93E-03	2.90E-02	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00915	1.50E-03	3.16E-02	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00532	1.49E-03	4.39E-02	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.965	5.00E-01	4.30E+00	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0149	4.57E-01	4.43E+00	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.586	3.07E-01	3.06E+00	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.75	4.67E-01	5.30E+00	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.73	5.33E-01	5.20E+00	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.21	4.67E-01	4.40E+00	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.3	4.37E-01	3.97E+00	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0182	4.20E-01	4.47E+00	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.633	4.00E-01	4.20E+00	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.625	4.73E-01	4.42E+00	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.47	3.20E-01	3.33E+00	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.01	5.00E-01	5.40E+00	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.289	5.00E-01	4.90E+00	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.01	5.00E-01	5.40E+00	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.79	4.83E-01	5.34E+00	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.22	4.73E-01	4.95E+00	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	0.784	2.06E-01	2.02E+00	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.732	1.25E-01	2.47E+00	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	06/29/05	WS	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.326	9.37E-02	1.40E+00	—	pCi/L	U	U	139766	GF05060P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.108	1.60E-01	2.20E+00	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.15	3.17E-01	2.60E+00	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.77	3.21E-01	2.23E+00	—	pCi/L	—	J	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.25	3.02E-01	2.32E+00	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	06/29/05	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.447	9.07E-02	1.00E+00	—	pCi/L	U	U	139766	GU05060P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:900	Gross beta	<	1.41	2.59E-01	2.49E+00	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:900	Gross beta	—	3.3	3.32E-01	2.99E+00	—	pCi/L	—	J	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	06/29/05	WS	F	CS	—	Rad	EPA:900	Gross beta	—	3.01	2.35E-01	2.44E+00	—	pCi/L	—	J+	139766	GF05060P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	3.13	3.27E-01	2.90E+00	—	pCi/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.18	2.73E-01	2.70E+00	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	<	1.91	2.75E-01	2.51E+00	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	5.97	4.03E-01	3.46E+00	—	pCi/L	—	J	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	06/29/05	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	2.92	2.40E-01	2.56E+00	—	pCi/L	—	J+	139766	GU05060P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	25.3	1.37E+01	4.60E+01	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89.2	1.93E+01	2.53E+02	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	92.2	2.27E+01	3.31E+02	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	98.2	1.50E+01	2.60E+02	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.3	3.07E+00	3.60E+01	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.34	9.00E+00	2.10E+01	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	52	2.10E+01	1.83E+02	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	112	3.18E+01	3.30E+02	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.591	3.27E+00	3.20E+01	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.2	3.40E+00	3.32E+01	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.7	2.61E+00	2.31E+01	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.676	9.33E-01	9.10E+00	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18.8	3.33E+00	3.20E+01	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.87	4.00E+00	3.60E+01	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.78	3.43E+00	3.10E+01	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.6	2.92E+00	3.09E+01	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00163	1.43E-03	2.40E-02	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0172	2.50E-03	3.76E-02	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0052	1.73E-03	2.50E-02	—	pCi/L	U	U	172455	GF060900P35001	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00283	1.33E-03	3.10E-02	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0127	2.80E-03	4.20E-02	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00186	2.70E-03	2.70E-02	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00331	1.56E-03	5.77E-02	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00207	9.77E-04	1.99E-02	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00326	1.10E-03	2.80E-02	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0151	2.17E-03	3.53E-02	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0026	1.50E-03	2.91E-02	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00283	2.10E-03	4.60E-02	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.07E-03	4.20E-02	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00559	1.63E-03	3.20E-02	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00661	3.12E-03	5.42E-02	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0186	2.30E-03	2.32E-02	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-46.2	6.33E+00	5.60E+01	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.1	5.77E+00	4.81E+01	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.44	4.67E+00	4.55E+01	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21	7.33E+00	8.10E+01	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.79	6.67E+00	6.40E+01	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.88	5.00E+00	4.60E+01	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.07	5.33E+00	4.79E+01	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	59.6	4.90E+00	6.63E+01	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.482	3.67E-01	3.50E+00	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.77	3.90E-01	4.52E+00	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.418	3.43E-01	3.24E+00	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.25	5.33E-01	6.00E+00	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.283	5.00E-01	4.70E+00	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.91	4.33E-01	4.80E+00	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.585	4.10E-01	4.28E+00	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.26	4.07E-01	4.54E+00	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.284	4.00E-02	3.50E-01	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0177	3.14E-02	3.61E-01	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0172	2.15E-02	2.43E-01	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0235	4.33E-02	4.70E-01	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0402	3.67E-02	3.70E-01	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.24	4.67E-02	4.60E-01	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.157	4.37E-02	4.49E-01	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.141	3.24E-02	3.27E-01	—	pCi/L	U	U	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.036	6.00E-03	1.60E-01	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0326	3.93E-03	6.26E-02	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.119	7.03E-03	5.07E-02	—	pCi/L	—	J	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.095	5.00E-03	5.10E-02	—	pCi/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0542	3.67E-03	6.00E-02	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0377	6.33E-03	1.60E-01	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0323	3.80E-03	6.64E-02	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.333	1.18E-02	4.70E-02	—	pCi/L	—	—	172455	GU060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0111	2.63E-03	8.30E-02	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00269	2.00E-03	3.72E-02	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.015	3.33E-03	4.27E-02	—	pCi/L	U	U	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0237	2.57E-03	2.60E-02	—	pCi/L	U	U	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00415	1.70E-03	3.00E-02	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00582	3.33E-03	8.70E-02	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00285	1.65E-03	3.94E-02	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00835	3.83E-03	3.96E-02	—	pCi/L	U	U	172455	GU060900P35001	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	-4.29E-09	6.00E-03	8.30E-02	—	pCi/L	U	U	09-166	CAAN-08-16448	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0239	2.84E-03	4.18E-02	—	pCi/L	U	U	196890	GF071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0704	5.93E-03	5.39E-02	—	pCi/L	—	J	172455	GF060900P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/17/10	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0326	2.90E-03	2.30E-02	—	pCi/L	—	—	10-4652	CAAN-10-25919	GELC
Rio de los Frijoles at Bandelier	—	—	10/21/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0235	2.30E-03	3.60E-02	—	pCi/L	U	U	10-224	CAAN-09-14357	GELC
Rio de los Frijoles at Bandelier	—	—	10/23/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0471	6.00E-03	8.70E-02	—	pCi/L	U	U	09-166	CAAN-08-16450	GELC
Rio de los Frijoles at Bandelier	—	—	10/31/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0323	3.12E-03	4.43E-02	—	pCi/L	U	U	196890	GU071000P35001	GELC
Rio de los Frijoles at Bandelier	—	—	09/20/06	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.189	8.87E-03	4.99E-02	—	pCi/L	—	—	172455	GU060900P35001	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.4	—	—	7.30E-01	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.6	—	—	7.30E-01	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.2	—	—	7.30E-01	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.5	—	—	7.30E-01	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.6	—	—	7.30E-01	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	5.00E-02	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.00E-02	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	3.00E-02	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	5.00E-02	mg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	3.00E-02	mg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	3.00E-02	mg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.59	—	—	6.60E-02	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.63	—	—	6.60E-02	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.54	—	—	6.60E-02	mg/L	—	J	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.65	—	—	6.60E-02	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.61	—	—	6.60E-02	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.226	—	—	3.30E-02	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.242	—	—	3.30E-02	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.409	—	—	3.30E-02	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.257	—	—	3.30E-02	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.274	—	—	3.30E-02	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	3.50E-01	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	3.50E-01	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	3.50E-01	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.7	—	—	3.50E-01	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43	—	—	4.30E-01	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.8	—	—	3.50E-01	mg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.3	—	—	3.50E-01	mg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.8	—	—	3.50E-01	mg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.8	—	—	3.50E-01	mg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	4.30E-01	mg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	8.50E-02	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	8.50E-02	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.44	—	—	8.50E-02	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.86	—	—	8.50E-02	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.59	—	—	8.50E-02	mg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.59	—	—	8.50E-02	mg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	8.50E-02	mg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.78	—	—	8.50E-02	mg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	8.50E-02	mg/L	—	—	08-1006	CAAN-08-11739	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.24	—	—	5.00E-02	mg/L	J	J	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.304	—	—	5.00E-02	mg/L	—	U	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.282	—	—	5.00E-02	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0534	—	—	1.00E-02	mg/L	—	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.254	—	—	5.00E-02	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.202	—	—	5.00E-02	µg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.171	—	—	5.00E-02	µg/L	J	J	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.181	—	—	5.00E-02	µg/L	J	J	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.197	—	—	5.00E-02	µg/L	J	J	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.185	—	—	5.00E-02	µg/L	J	J	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.27	—	—	5.00E-02	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.21	—	—	5.00E-02	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.3	—	—	5.00E-02	mg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	5.00E-02	mg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	4.50E-02	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	µS/cm	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1.00E+00	µS/cm	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	µS/cm	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1.00E+00	µS/cm	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	131	—	—	1.00E+00	µS/cm	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.5	—	—	1.00E-01	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.5	—	—	1.00E-01	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.44	—	—	1.00E-01	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.58	—	—	1.00E-01	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.42	—	—	1.00E-01	mg/L	—	J-	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.40E+00	mg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	116	—	—	2.40E+00	mg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	J	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.413	—	—	3.30E-01	mg/L	J	J	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.09	—	—	3.30E-01	mg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.24	—	—	1.00E-02	SU	H	J-	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.4	—	—	1.00E-02	SU	H	J-	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.22	—	—	1.00E-02	SU	H	J-	10-233	CAAN-09-14339	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.36	—	—	1.00E-02	SU	H	J-	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J-	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.38	—	—	1.00E+00	µg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.39	—	—	1.00E+00	µg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.49	—	—	1.00E+00	µg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7	—	—	1.00E+00	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.9	—	—	1.00E+00	µg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.79	—	—	1.00E+00	µg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.04	—	—	1.00E+00	µg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.33	—	—	1.00E+00	µg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.3	—	—	1.00E+00	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7	—	—	1.00E+00	µg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.27	—	—	2.50E+00	µg/L	JN	J-	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.45	—	—	2.50E+00	µg/L	J	J	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	1.50E+00	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	2.50E+00	µg/L	J	J	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.39	—	—	2.50E+00	µg/L	JN	J-	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.98	—	—	2.50E+00	µg/L	J	J	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	1.50E+00	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.50E+00	µg/L	J	J	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	10.1	—	—	3.00E+00	µg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	µg/L	U	U	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	UJ	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	56.9	—	—	3.00E+01	µg/L	J	J	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	33	—	—	3.00E+01	µg/L	J	J	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	338	—	—	3.00E+01	µg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	142	—	—	2.50E+01	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	64.8	—	—	2.50E+01	µg/L	J	J	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.9	—	—	5.00E-01	µg/L	J	J	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.613	—	—	5.00E-01	µg/L	J	J	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.54	—	—	5.00E-01	µg/L	J	J	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.61	—	—	2.00E+00	µg/L	J	J	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.62	—	—	2.00E+00	µg/L	J	J	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.76	—	—	2.00E+00	µg/L	J	J	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2.00E+00	µg/L	J	J	09-109	CAAN-08-16117	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.9	—	—	2.00E+00	µg/L	J	J	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.79	—	—	2.00E+00	µg/L	J	J	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.16	—	—	2.00E+00	µg/L	J	J	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.1	—	—	2.00E+00	µg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.2	—	—	2.00E+00	µg/L	J	J	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5	—	—	2.00E+00	µg/L	J	J	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.887	—	—	1.00E-01	µg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.774	—	—	1.00E-01	µg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.877	—	—	1.00E-01	µg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.82	—	—	1.00E-01	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.79	—	—	1.00E-01	µg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.787	—	—	1.00E-01	µg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.785	—	—	1.00E-01	µg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	µg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.85	—	—	1.00E-01	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.78	—	—	1.00E-01	µg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	µg/L	U	U	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.634	—	—	5.00E-01	µg/L	J	J	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	5.00E-01	µg/L	J	J	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	µg/L	J	J	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.525	—	—	5.00E-01	µg/L	J	J	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.787	—	—	5.00E-01	µg/L	J	J	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.11	—	—	5.00E-01	µg/L	J	J	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.76	—	—	5.00E-01	µg/L	J	J	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	µg/L	J	J	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.8	—	—	5.30E-02	µg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59	—	—	5.30E-02	µg/L	—	J+	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.5	—	—	5.30E-02	µg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.9	—	—	3.20E-02	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.2	—	—	3.20E-02	µg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1.00E+00	µg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1.00E+00	µg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.1	—	—	1.00E+00	µg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.5	—	—	1.00E+00	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.3	—	—	1.00E+00	µg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48	—	—	1.00E+00	µg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.1	—	—	1.00E+00	µg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.4	—	—	1.00E+00	µg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.7	—	—	1.00E+00	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.6	—	—	1.00E+00	µg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.821	—	—	5.00E-02	µg/L	—	J	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.625	—	—	5.00E-02	µg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.546	—	—	5.00E-02	µg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.65	—	—	5.00E-02	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	5.00E-02	µg/L	—	—	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.798	—	—	5.00E-02	µg/L	—	J	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.641	—	—	5.00E-02	µg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.565	—	—	5.00E-02	µg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.65	—	—	5.00E-02	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	5.00E-02	µg/L	—	—	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	µg/L	J	J	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	µg/L	J	J	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.45	—	—	1.00E+00	µg/L	J	J	10-233	CAAN-09-14339	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.3	—	—	1.00E+00	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	8.5	—	—	1.00E+00	µg/L	—	U	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.75	—	—	1.00E+00	µg/L	J	J	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1.00E+00	µg/L	J	J	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.57	—	—	1.00E+00	µg/L	J	J	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.3	—	—	1.00E+00	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	8.6	—	—	1.00E+00	µg/L	—	U	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	61.4	—	—	3.30E+00	µg/L	—	—	10-4741	CAAN-10-25933	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	65.3	—	—	3.30E+00	µg/L	—	—	10-2774	CAAN-10-15263	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	78.7	—	—	3.30E+00	µg/L	—	—	10-233	CAAN-09-14339	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	68.2	—	—	2.00E+00	µg/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	65.7	—	—	2.00E+00	µg/L	—	J	08-1006	CAAN-08-11737	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	69.5	—	—	3.30E+00	µg/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	04/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	71.8	—	—	3.30E+00	µg/L	—	—	10-2774	CAAN-10-15262	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	86.6	—	—	3.30E+00	µg/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	72.3	—	—	2.00E+00	µg/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	04/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	69.5	—	—	2.00E+00	µg/L	—	J	08-1006	CAAN-08-11739	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0102	1.70E-03	2.20E-02	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00192	4.20E-03	4.12E-02	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	3.10E-03	2.39E-02	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00644	1.17E-03	3.10E-02	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000978	9.00E-04	3.40E-02	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00336	1.00E-03	2.40E-02	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00222	4.10E-03	3.89E-02	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	2.68E-03	2.50E-02	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.991	3.67E-01	3.50E+00	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	2.68E-03	2.50E-02	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.991	3.67E-01	3.50E+00	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.09	5.17E-01	4.37E+00	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.78	2.48E-01	2.48E+00	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.573	4.67E-01	4.70E+00	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.17	4.33E-01	4.40E+00	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.65	4.67E-01	3.90E+00	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.419	4.93E-01	4.76E+00	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.00929	2.08E-01	2.22E+00	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.15	4.33E-01	4.60E+00	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.77	4.53E-01	3.82E+00	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.727	2.40E-01	2.69E+00	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.68	4.33E-01	3.40E+00	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.25	4.33E-01	4.70E+00	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.52	5.33E-01	6.00E+00	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.55	4.40E-01	3.69E+00	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.174	2.03E-01	2.15E+00	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.37	1.68E-01	2.24E+00	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	2.58	2.69E-01	1.79E+00	—	pCi/L	—	J	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	07/19/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	1.36	1.29E-01	1.19E+00	—	pCi/L	—	JN+, J-, J	141235	GF05070G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.42	2.67E-01	2.40E+00	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.966	2.07E-01	2.00E+00	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.967	1.75E-01	2.59E+00	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.393	1.76E-01	2.35E+00	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	07/19/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.9	1.36E-01	1.07E+00	—	pCi/L	—	J, J-	141235	GU05070G01T01	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.07	3.15E-01	2.97E+00	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	-0.915	1.58E-01	1.93E+00	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	07/19/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.5	2.17E-01	2.52E+00	—	pCi/L	U	U	141235	GF05070G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.28	2.47E-01	2.40E+00	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.66	2.73E-01	2.60E+00	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.652	2.73E-01	2.82E+00	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.149	1.45E-01	1.54E+00	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	07/19/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.35	2.22E-01	2.76E+00	—	pCi/L	U	U	141235	GU05070G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.86	3.67E+00	1.90E+01	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	116	2.54E+01	3.38E+02	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.8	1.82E+01	2.38E+02	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	25.6	6.33E+00	4.00E+01	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.2	4.67E+00	3.10E+01	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	1.97	7.00E-01	3.60E+00	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.4	2.16E+01	2.41E+02	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	46.8	1.90E+01	1.73E+02	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-31.3	3.67E+00	2.90E+01	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.1	4.30E+00	3.74E+01	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.29	1.25E+00	1.16E+01	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.39	8.67E-01	8.60E+00	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.95	3.27E+00	3.10E+01	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.6	4.00E+00	3.40E+01	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.64	3.47E+00	3.38E+01	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.77	1.91E+00	1.40E+01	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00732	1.73E-03	2.80E-02	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00443	3.47E-03	3.86E-02	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00494	1.65E-03	2.71E-02	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00176	8.33E-04	2.00E-02	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00409	9.67E-04	3.40E-02	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0107	1.70E-03	2.70E-02	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00208	1.55E-03	3.62E-02	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.49E-03	2.00E-02	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00183	1.83E-03	3.10E-02	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00443	2.95E-03	3.63E-02	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.85E-03	1.80E-02	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00176	1.57E-03	3.40E-02	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00205	9.67E-04	3.30E-02	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00357	1.20E-03	3.10E-02	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.70E-03	3.41E-02	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00364	8.60E-04	1.33E-02	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.7	6.00E+00	5.70E+01	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.6	6.03E+00	5.88E+01	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	16.5	6.40E+00	2.64E+01	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.13	4.33E+00	4.70E+01	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.747	6.00E+00	5.60E+01	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.0233	5.33E+00	4.70E+01	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.1	7.27E+00	2.61E+01	—	pCi/L	UI	R	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.9	3.83E+00	2.00E+01	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.183	4.00E-01	4.00E+00	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.11	4.77E-01	5.10E+00	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.835	2.56E-01	2.58E+00	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0852	3.67E-01	3.70E+00	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.02	4.33E-01	4.50E+00	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.05	3.33E-01	3.80E+00	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.23	5.70E-01	5.24E+00	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0419	1.81E-01	1.90E+00	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00242	2.60E-02	2.90E-01	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.336	4.70E-02	4.37E-01	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.197	3.83E-02	3.78E-01	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.134	4.00E-02	4.80E-01	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.332	4.33E-02	4.90E-01	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.117	2.83E-02	2.90E-01	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0857	3.13E-02	4.09E-01	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.133	2.59E-02	2.71E-01	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.487	1.33E-02	5.80E-02	—	pCi/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.454	1.25E-02	5.54E-02	—	pCi/L	—	—	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.439	1.39E-02	4.88E-02	—	pCi/L	—	—	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.457	1.57E-02	4.20E-02	—	pCi/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.456	1.47E-02	6.80E-02	—	pCi/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.456	1.30E-02	6.10E-02	—	pCi/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.477	1.32E-02	5.77E-02	—	pCi/L	—	—	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.466	1.43E-02	4.77E-02	—	pCi/L	—	—	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0265	2.70E-03	3.00E-02	—	pCi/L	U	U	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0261	2.89E-03	3.29E-02	—	pCi/L	U	U	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0171	2.70E-03	4.98E-02	—	pCi/L	U	U	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0124	2.53E-03	3.30E-02	—	pCi/L	U	U	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0233	3.13E-03	3.50E-02	—	pCi/L	U	U	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0255	2.87E-03	3.20E-02	—	pCi/L	U	U	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0297	3.13E-03	3.42E-02	—	pCi/L	U	U	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0111	2.94E-03	4.87E-02	—	pCi/L	U	U	177228	GU061100G01T01	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.188	7.00E-03	3.20E-02	—	pCi/L	—	—	09-109	CAAN-08-16117	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.171	6.80E-03	3.69E-02	—	pCi/L	—	—	196782	GF071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.209	8.77E-03	3.45E-02	—	pCi/L	—	—	177228	GF061100G01T01	GELC
Test Well DT-10	1811	1078.4	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.185	8.67E-03	2.60E-02	—	pCi/L	—	—	10-4741	CAAN-10-25934	GELC
Test Well DT-10	1811	1078.4	10/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.168	7.33E-03	4.20E-02	—	pCi/L	—	—	10-233	CAAN-09-14341	GELC
Test Well DT-10	1811	1078.4	10/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.177	6.67E-03	3.40E-02	—	pCi/L	—	—	09-109	CAAN-08-16119	GELC
Test Well DT-10	1811	1078.4	10/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.2	7.70E-03	3.85E-02	—	pCi/L	—	—	196782	GU071000G01T01	GELC
Test Well DT-10	1811	1078.4	12/04/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.182	8.10E-03	3.38E-02	—	pCi/L	—	—	177228	GU061100G01T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	7.30E-01	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.6	—	—	7.30E-01	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.7	—	—	7.30E-01	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.7	—	—	7.30E-01	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.4	—	—	7.30E-01	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.034	—	—	1.60E-02	mg/L	J	J	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.109	—	—	1.60E-02	mg/L	—	U	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.73	—	—	5.00E-02	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.62	—	—	5.00E-02	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.74	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.78	—	—	3.00E-02	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.76	—	—	3.00E-02	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.47	—	—	5.00E-02	mg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.68	—	—	5.00E-02	mg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.06	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.72	—	—	3.00E-02	mg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.46	—	—	3.00E-02	mg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.66	—	—	6.60E-02	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	10-2745	CAAN-10-15259	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.52	—	—	6.60E-02	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.65	—	—	6.60E-02	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.66	—	—	6.60E-02	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.204	—	—	3.30E-02	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	3.30E-02	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.39	—	—	3.30E-02	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.251	—	—	3.30E-02	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.229	—	—	3.30E-02	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.2	—	—	3.50E-01	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.6	—	—	3.50E-01	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.9	—	—	3.50E-01	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.1	—	—	3.50E-01	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.1	—	—	4.30E-01	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.2	—	—	3.50E-01	mg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.8	—	—	3.50E-01	mg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.4	—	—	3.50E-01	mg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.6	—	—	3.50E-01	mg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31	—	—	4.30E-01	mg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.53	—	—	8.50E-02	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.46	—	—	8.50E-02	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.44	—	—	8.50E-02	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	8.50E-02	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.5	—	—	8.50E-02	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.44	—	—	8.50E-02	mg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.47	—	—	8.50E-02	mg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.63	—	—	8.50E-02	mg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.63	—	—	8.50E-02	mg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.341	—	—	5.00E-02	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.372	—	—	5.00E-02	mg/L	—	J	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.348	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.359	—	—	5.00E-02	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.367	—	—	5.00E-02	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	5.00E-02	µg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.209	—	—	5.00E-02	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.259	—	—	5.00E-02	µg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.278	—	—	5.00E-02	µg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.245	—	—	5.00E-02	µg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	5.00E-02	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	08-1025	CAAN-08-11745	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	µS/cm	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	µS/cm	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	µS/cm	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	µS/cm	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1.00E+00	µS/cm	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.62	—	—	1.00E-01	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.37	—	—	1.00E-01	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.54	—	—	1.00E-01	mg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.5	—	—	1.00E-01	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.40E+00	mg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.40E+00	mg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.40E+00	mg/L	—	J	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.40E+00	mg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.034	—	—	3.30E-02	mg/L	J	J-	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.082	—	—	3.30E-02	mg/L	J	J-	10-290	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.341	—	—	3.30E-01	mg/L	J	J	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-290	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.738	—	—	3.30E-01	mg/L	J	J	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.339	—	—	3.30E-01	mg/L	J	J	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.092	—	—	1.50E-02	mg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.094	—	—	1.50E-02	mg/L	—	U	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.052	—	—	1.50E-02	mg/L	—	U	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.046	—	—	2.40E-02	mg/L	J	J	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.065	—	—	2.40E-02	mg/L	—	J+	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J-	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1.00E+00	µg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23	—	—	1.00E+00	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.7	—	—	1.00E+00	µg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.4	—	—	1.00E+00	µg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.1	—	—	1.00E+00	µg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1.00E+00	µg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.6	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1.00E+00	µg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.8	—	—	1.00E+00	µg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.14	—	—	2.50E+00	µg/L	J	J	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.89	—	—	2.50E+00	µg/L	J	J	10-291	CAAN-09-13885	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.50E+00	µg/L	J	J	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	2.50E+00	µg/L	J	J	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.22	—	—	2.50E+00	µg/L	J	J	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	µg/L	U	U	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.29	—	—	2.50E+00	µg/L	J	J	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.50E+00	µg/L	J	J	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	2.50E+00	µg/L	J	J	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	37.1	—	—	2.50E+01	µg/L	J	J	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	µg/L	U	U	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	72.4	—	—	3.00E+01	µg/L	J	J	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	60.4	—	—	3.00E+01	µg/L	J	J	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	54.6	—	—	3.00E+01	µg/L	J	J	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	61.5	—	—	2.50E+01	µg/L	J	J	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	50.5	—	—	2.50E+01	µg/L	J	J	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.56	—	—	5.00E-01	µg/L	J	J	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.704	—	—	5.00E-01	µg/L	J	J	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.686	—	—	5.00E-01	µg/L	J	J	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.76	—	—	5.00E-01	µg/L	J	U	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	µg/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.2	—	—	5.00E-01	µg/L	J	J	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.8	—	—	2.00E+00	µg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.8	—	—	2.00E+00	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.3	—	—	2.00E+00	µg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	9.9	—	—	2.00E+00	µg/L	J	J	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.9	—	—	2.00E+00	µg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.4	—	—	2.00E+00	µg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.4	—	—	2.00E+00	µg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.4	—	—	2.00E+00	µg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.7	—	—	2.00E+00	µg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.7	—	—	2.00E+00	µg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	1.00E-01	µg/L	—	J	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	1.00E-01	µg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	1.00E-01	µg/L	—	J	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	1.00E-01	µg/L	—	J	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.22	—	—	1.00E-01	µg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	1.00E-01	µg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.8	—	—	1.00E-01	µg/L	—	J	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.4	—	—	5.30E-02	µg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.2	—	—	5.30E-02	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	5.30E-02	µg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	3.20E-02	µg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	3.20E-02	µg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45	—	—	1.00E+00	µg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1.00E+00	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.2	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-13885	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1.00E+00	µg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1.00E+00	µg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.6	—	—	1.00E+00	µg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.3	—	—	1.00E+00	µg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.3	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1.00E+00	µg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1.00E+00	µg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.31	—	—	1.00E+00	µg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.01	—	—	1.00E+00	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1.00E+00	µg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	12.3	—	—	1.00E+00	µg/L	—	U	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.57	—	—	1.00E+00	µg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.55	—	—	1.00E+00	µg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.22	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.9	—	—	1.00E+00	µg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	12.5	—	—	1.00E+00	µg/L	—	U	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	148	—	—	3.30E+00	µg/L	—	—	10-4775	CAAN-10-25938	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	149	—	—	3.30E+00	µg/L	—	—	10-2745	CAAN-10-15259	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	165	—	—	3.30E+00	µg/L	—	—	10-291	CAAN-09-13885	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	175	—	—	2.00E+00	µg/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	170	—	—	2.00E+00	µg/L	—	—	08-1025	CAAN-08-11745	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	152	—	—	3.30E+00	µg/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	04/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	157	—	—	3.30E+00	µg/L	—	—	10-2745	CAAN-10-15258	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	178	—	—	3.30E+00	µg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	177	—	—	2.00E+00	µg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	178	—	—	3.30E+00	µg/L	—	—	10-291	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	177	—	—	2.00E+00	µg/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	167	—	—	2.00E+00	µg/L	—	—	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	4.67E-03	3.10E-02	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00504	1.22E-03	3.32E-02	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00834	1.57E-03	2.91E-02	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00197	6.33E-04	3.40E-02	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00655	2.63E-03	3.50E-02	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00044	4.00E-03	2.80E-02	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00146	6.33E-04	2.99E-02	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	1.07E-03	2.05E-02	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.82	4.33E-01	3.60E+00	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.23	4.73E-01	4.25E+00	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.339	4.90E-01	5.40E+00	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.779	4.00E-01	4.30E+00	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.11	4.00E-01	3.20E+00	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.462	4.33E-01	4.20E+00	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.17	3.87E-01	3.42E+00	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.356	3.50E-01	3.93E+00	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.02	4.67E-01	5.40E+00	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.16	4.17E-01	3.10E+00	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.999	4.83E-01	5.71E+00	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.895	4.33E-01	4.50E+00	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0693	4.00E-01	3.80E+00	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.46	4.00E-01	4.80E+00	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.5	3.31E-01	2.66E+00	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.23	4.47E-01	4.52E+00	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.0607	1.11E-01	1.60E+00	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.226	1.05E-01	1.15E+00	—	pCi/L	U	U	177384	GF061100GA5T01	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-5A	1821	1172	08/24/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.396	2.05E-01	2.89E+00	—	pCi/L	U	U	144119	GF05070GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.737	2.10E-01	2.20E+00	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.333	1.43E-01	1.70E+00	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.665	1.66E-01	1.70E+00	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.171	1.17E-01	1.37E+00	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	08/24/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.956	2.35E-01	2.84E+00	—	pCi/L	U	U	144119	GU05070GA5T01	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.71	2.86E-01	2.76E+00	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.19	2.29E-01	2.25E+00	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	08/24/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.61	2.29E-01	2.80E+00	—	pCi/L	U	U	144119	GF05070GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.07	2.57E-01	2.20E+00	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.39	3.67E-01	3.40E+00	—	pCi/L	—	—	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.14	2.91E-01	2.89E+00	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.361	1.97E-01	2.07E+00	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	08/24/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.34	2.48E-01	3.06E+00	—	pCi/L	U	U	144119	GU05070GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	22.1	4.67E+00	3.90E+01	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	46.5	1.88E+01	2.02E+02	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	112	3.05E+01	3.85E+02	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.4	6.33E+00	3.20E+01	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	63.3	9.67E+00	5.50E+01	—	pCi/L	—	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.4	8.00E+00	1.80E+01	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	60.9	2.33E+01	2.28E+02	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	109	3.43E+01	3.21E+02	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.1	3.67E+00	3.40E+01	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.1	3.43E+00	3.34E+01	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.82	1.95E+00	1.92E+01	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.121	8.67E-01	8.10E+00	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.2	3.20E+00	2.90E+01	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.629	3.23E+00	3.10E+01	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.2	3.10E+00	2.76E+01	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.8	2.83E+00	3.20E+01	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00733	1.63E-03	3.70E-02	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.77E-04	3.54E-02	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.41E-03	2.32E-02	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.67E-04	1.90E-02	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00212	1.23E-03	3.50E-02	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00391	1.30E-03	3.00E-02	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.90E-04	3.67E-02	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.013	2.29E-03	2.38E-02	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0122	1.83E-03	4.20E-02	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00406	1.66E-03	3.33E-02	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00846	1.73E-03	1.54E-02	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00834	1.67E-03	3.30E-02	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	2.53E-10	1.40E-03	3.50E-02	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00587	1.73E-03	3.40E-02	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0042	1.72E-03	3.45E-02	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0065	1.26E-03	1.58E-02	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28	9.00E+00	4.90E+01	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.3	6.83E+00	5.85E+01	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.8	4.40E+00	6.17E+01	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	25.9	6.33E+00	7.00E+01	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.39	4.67E+00	5.00E+01	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-35.5	5.67E+00	5.10E+01	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.07	4.13E+00	2.03E+01	—	pCi/L	U	U	197658	GU071000GA5T01	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.4	4.23E+00	5.27E+01	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.08	4.67E-01	4.90E+00	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.32	3.90E-01	4.68E+00	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.53	4.47E-01	4.42E+00	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.737	4.00E-01	4.30E+00	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.226	4.00E-01	3.70E+00	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.337	4.33E-01	4.50E+00	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.64	3.80E-01	4.20E+00	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.52	4.40E-01	4.55E+00	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0393	3.33E-02	3.60E-01	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0864	4.67E-02	4.85E-01	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.216	3.37E-02	4.08E-01	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.16	4.67E-02	4.80E-01	—	pCi/L	U	U	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.103	4.33E-02	5.00E-01	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0313	3.67E-02	3.90E-01	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0461	3.67E-02	4.07E-01	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.339	4.07E-02	3.75E-01	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.241	8.67E-03	6.60E-02	—	pCi/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.163	7.23E-03	6.42E-02	—	pCi/L	—	J	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.152	8.07E-03	5.67E-02	—	pCi/L	—	J	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.182	7.33E-03	3.00E-02	—	pCi/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.212	1.00E-02	1.00E-01	—	pCi/L	—	—	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.256	1.00E-02	7.90E-02	—	pCi/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.212	9.33E-03	6.62E-02	—	pCi/L	—	—	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.201	8.03E-03	4.64E-02	—	pCi/L	—	—	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00936	1.93E-03	3.50E-02	—	pCi/L	U	U	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0276	2.95E-03	3.81E-02	—	pCi/L	U	U	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0033	1.91E-03	5.78E-02	—	pCi/L	U	U	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0265	2.63E-03	2.30E-02	—	pCi/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0035	2.60E-03	5.10E-02	—	pCi/L	U	U	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0028	1.63E-03	4.20E-02	—	pCi/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0256	3.47E-03	3.93E-02	—	pCi/L	U	U	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0135	2.71E-03	4.74E-02	—	pCi/L	U	U	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.1	5.00E-03	3.50E-02	—	pCi/L	—	—	09-116	CAAN-08-16107	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.111	6.40E-03	4.28E-02	—	pCi/L	—	J	197658	GF071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.144	7.33E-03	4.01E-02	—	pCi/L	—	—	177384	GF061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.12	5.67E-03	1.80E-02	—	pCi/L	—	—	10-4775	CAAN-10-25937	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0963	6.33E-03	6.20E-02	—	pCi/L	—	—	10-292	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.086	5.33E-03	4.20E-02	—	pCi/L	—	—	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.113	6.90E-03	4.42E-02	—	pCi/L	—	J	197658	GU071000GA5T01	GELC
Test Well DT-5A	1821	1172	12/06/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0985	5.77E-03	3.29E-02	—	pCi/L	—	J	177384	GU061100GA5T01	GELC
Test Well DT-5A	1821	1172	09/27/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.4	—	—	3.00E-01	µg/L	J	J	10-4775	CAAN-10-25936	GELC
Test Well DT-5A	1821	1172	10/28/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	µg/L	U	U	10-290	CAAN-09-13675	GELC
Test Well DT-5A	1821	1172	10/17/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	µg/L	U	U	09-116	CAAN-08-16108	GELC
Test Well DT-5A	1821	1172	04/18/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	µg/L	U	U	08-1025	CAAN-08-11743	GELC
Test Well DT-5A	1821	1172	11/10/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	µg/L	U	—	197658	GU071000GA5T01	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.6	—	—	7.30E-01	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.2	—	—	7.30E-01	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56	—	—	7.30E-01	mg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54	—	—	7.30E-01	mg/L	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.72	—	—	5.00E-02	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.84	—	—	5.00E-02	mg/L	—	—	10-2890	CAAN-10-15260	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.47	—	—	3.00E-02	mg/L	EN	J+	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.66	—	—	5.00E-02	mg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.77	—	—	5.00E-02	mg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.9	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	3.00E-02	mg/L	EN	J+	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.71	—	—	6.60E-02	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.51	—	—	6.60E-02	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.53	—	—	6.60E-02	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.71	—	—	6.60E-02	mg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.69	—	—	6.60E-02	mg/L	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	3.30E-02	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.229	—	—	3.30E-02	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.427	—	—	3.30E-02	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.274	—	—	3.30E-02	mg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.302	—	—	3.30E-02	mg/L	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.5	—	—	3.50E-01	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.8	—	—	3.50E-01	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	3.50E-01	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	3.50E-01	mg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	3.50E-01	mg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	3.50E-01	mg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.8	—	—	3.50E-01	mg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	3.50E-01	mg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	8.50E-02	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	8.50E-02	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	8.50E-02	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	8.50E-02	mg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	8.50E-02	mg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	8.50E-02	mg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	8.50E-02	mg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.344	—	—	5.00E-02	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.494	—	—	5.00E-02	mg/L	—	U	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.36	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0617	—	—	1.00E-02	mg/L	—	J	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.333	—	—	5.00E-02	mg/L	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.273	—	—	5.00E-02	µg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.255	—	—	5.00E-02	µg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.265	—	—	5.00E-02	µg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.282	—	—	5.00E-02	µg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.271	—	—	5.00E-02	µg/L	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.02	—	—	5.00E-02	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.916	—	—	5.00E-02	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.01	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	<	0.914	—	—	5.00E-02	mg/L	—	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.992	—	—	5.00E-02	mg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.866	—	—	5.00E-02	mg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.991	—	—	5.00E-02	mg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	<	1.02	—	—	5.00E-02	mg/L	—	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-291	CAAN-09-14336	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	EN	J+	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	4.50E-02	mg/L	EN	J+	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	119	—	—	1.00E+00	µS/cm	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	118	—	—	1.00E+00	µS/cm	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	µS/cm	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	µS/cm	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	119	—	—	1.00E+00	uS/cm	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.76	—	—	1.00E-01	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.69	—	—	1.00E-01	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.52	—	—	1.00E-01	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.72	—	—	1.00E-01	mg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.71	—	—	1.00E-01	mg/L	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	J	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	J	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.479	—	—	3.30E-01	mg/L	J	J	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-290	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.837	—	—	3.30E-01	mg/L	J	J	09-95	CAAN-08-16112	GELC
Test Well DT-9	1831	819	04/07/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.353	—	—	3.30E-01	mg/L	J	J	08-946	CAAN-08-11731	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	1.00E-02	SU	H	J-	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J-	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	1.00E-02	SU	H	J-	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.4	—	—	1.00E+00	µg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1.00E+00	µg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.6	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.7	—	—	1.00E+00	µg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.5	—	—	1.00E+00	µg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.5	—	—	1.00E+00	µg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.8	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.53	—	—	2.50E+00	µg/L	J	J	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.61	—	—	2.50E+00	µg/L	J	J	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.91	—	—	2.50E+00	µg/L	J	J	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	6.4	—	—	1.50E+00	µg/L	—	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.01	—	—	2.50E+00	µg/L	J	J	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.06	—	—	2.50E+00	µg/L	J	J	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.72	—	—	2.50E+00	µg/L	J	J	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.8	—	—	1.50E+00	µg/L	—	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	40	—	—	3.00E+01	µg/L	J	J	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	µg/L	U	U	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	56.8	—	—	2.50E+01	µg/L	J	J	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	338	—	—	3.00E+01	µg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	256	—	—	3.00E+01	µg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	40.1	—	—	3.00E+01	µg/L	J	J	10-291	CAAN-09-14338	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	786	—	—	2.50E+01	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.07	—	—	2.00E+00	µg/L	J	J	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	µg/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.19	—	—	2.00E+00	µg/L	J	J	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.7	—	—	2.00E+00	µg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.53	—	—	2.00E+00	µg/L	J	J	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.1	—	—	2.00E+00	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	1.00E-01	µg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.961	—	—	1.00E-01	µg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.13	—	—	1.00E-01	µg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	µg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	1.00E-01	µg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.613	—	—	1.00E-01	µg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	1.00E-01	µg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.732	—	—	5.00E-01	µg/L	J	J	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.714	—	—	5.00E-01	µg/L	J	J	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.65	—	—	5.00E-01	µg/L	J	J	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	µg/L	J	J	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.882	—	—	5.00E-01	µg/L	J	J	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.02	—	—	5.00E-01	µg/L	J	J	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.743	—	—	5.00E-01	µg/L	J	J	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	5.00E-01	µg/L	J	J	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66	—	—	5.30E-02	mg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.1	—	—	5.30E-02	mg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68	—	—	5.30E-02	mg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.9	—	—	3.20E-02	mg/L	E	J	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	04/07/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.7	—	—	3.20E-02	mg/L	—	—	08-946	CAAN-08-11730	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	47.9	—	—	1.00E+00	µg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46	—	—	1.00E+00	µg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48	—	—	1.00E+00	µg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.9	—	—	1.00E+00	µg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.9	—	—	1.00E+00	µg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.2	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.1	—	—	1.00E+00	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.458	—	—	5.00E-02	µg/L	—	J	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.491	—	—	5.00E-02	µg/L	—	U	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.391	—	—	5.00E-02	µg/L	—	J	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.45	—	—	5.00E-02	µg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.461	—	—	5.00E-02	µg/L	—	J	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.45	—	—	5.00E-02	µg/L	—	U	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.405	—	—	5.00E-02	µg/L	—	J	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.48	—	—	5.00E-02	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.41	—	—	1.00E+00	µg/L	—	—	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.38	—	—	1.00E+00	µg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.14	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.1	—	—	1.00E+00	µg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.42	—	—	1.00E+00	µg/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.46	—	—	1.00E+00	µg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.87	—	—	1.00E+00	µg/L	—	—	10-291	CAAN-09-14338	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.8	—	—	1.00E+00	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	09/24/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	89.9	—	—	3.30E+00	µg/L	N	J	10-4754	CAAN-10-25939	GELC
Test Well DT-9	1831	819	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	89.1	—	—	3.30E+00	µg/L	—	—	10-2890	CAAN-10-15260	GELC
Test Well DT-9	1831	819	10/28/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	103	—	—	3.30E+00	µg/L	—	—	10-291	CAAN-09-14336	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	88.5	—	—	2.00E+00	µg/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	94.3	—	—	3.30E+00	µg/L	N	J	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	188	—	—	3.30E+00	µg/L	—	—	10-2890	CAAN-10-15261	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	103	—	—	3.30E+00	µg/L	—	—	10-291	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	105	—	—	2.00E+00	µg/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0102	4.67E-03	3.20E-02	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0113	1.69E-03	3.26E-02	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00271	1.24E-03	2.25E-02	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	8.00E-04	3.30E-02	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	9.67E-04	4.00E-02	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00422	4.67E-03	3.00E-02	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0113	1.62E-03	3.24E-02	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.003	1.20E-03	2.45E-02	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.805	4.67E-01	4.70E+00	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.23	4.80E-01	3.87E+00	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.625	3.50E-01	3.72E+00	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.29	5.00E-01	4.50E+00	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.87	5.00E-01	4.40E+00	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.683	3.33E-01	3.60E+00	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.44	4.87E-01	4.65E+00	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.71	3.83E-01	3.71E+00	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.69	5.00E-01	3.70E+00	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.85	3.97E-01	4.22E+00	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.96	3.03E-01	4.03E+00	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.42	4.67E-01	3.70E+00	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.54	5.00E-01	5.60E+00	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0871	4.33E-01	4.20E+00	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.27	5.07E-01	3.57E+00	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.819	4.00E-01	4.65E+00	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.141	1.78E-01	2.01E+00	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.0481	1.00E-01	1.27E+00	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	07/20/05	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.342	1.08E-01	1.26E+00	—	pCi/L	U	U, J-	141371	GF05070G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.239	1.33E-01	2.30E+00	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.721	1.67E-01	2.50E+00	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-1.83	1.66E-01	2.51E+00	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.424	1.16E-01	1.14E+00	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	07/20/05	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.15	1.37E-01	1.32E+00	—	pCi/L	U	U, J-	141371	GU05070G9WT01	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.54	3.16E-01	2.62E+00	—	pCi/L	—	J	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.3	2.08E-01	2.00E+00	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	07/20/05	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.29	2.18E-01	2.57E+00	—	pCi/L	U	U, J	141371	GF05070G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.99	2.83E-01	2.60E+00	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.36	3.67E-01	3.30E+00	—	pCi/L	—	—	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.24	2.85E-01	2.83E+00	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.901	1.59E-01	1.55E+00	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	07/20/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.97	2.25E-01	2.57E+00	—	pCi/L	—	J	141371	GU05070G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	18.8	5.00E+00	1.60E+01	—	pCi/L	—	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	156	5.00E+01	4.55E+02	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.2	2.37E+01	3.06E+02	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.4	7.00E+00	4.50E+01	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.7	1.17E+01	8.90E+01	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22.8	2.77E+00	8.00E+00	—	pCi/L	—	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	141	2.59E+01	4.60E+02	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	73	2.45E+01	2.15E+02	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.07	3.33E+00	3.40E+01	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.25	3.22E+00	3.24E+01	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.73	2.60E+00	2.79E+01	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.97	1.07E+00	1.00E+01	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.3	4.33E+00	4.30E+01	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.32	3.03E+00	3.00E+01	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.17	3.19E+00	3.09E+01	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.7	2.86E+00	3.06E+01	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.002	1.17E-03	3.00E-02	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00682	3.13E-03	3.97E-02	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.80E-03	2.09E-02	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00157	5.33E-04	1.80E-02	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00208	9.67E-04	3.40E-02	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00168	1.87E-03	2.60E-02	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0071	3.93E-03	4.13E-02	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0041	1.67E-03	2.25E-02	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00401	9.33E-04	3.40E-02	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00227	2.51E-03	3.73E-02	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00191	6.37E-04	1.39E-02	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00314	7.33E-04	3.10E-02	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00208	1.53E-03	3.40E-02	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0101	1.77E-03	2.90E-02	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.41E-10	1.11E-03	3.88E-02	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00205	1.18E-03	1.50E-02	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.92	5.67E+00	5.70E+01	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.1	4.70E+00	4.66E+01	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.97	6.70E+00	4.33E+01	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-35	5.33E+00	5.30E+01	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.8	7.33E+00	7.00E+01	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.8	5.33E+00	5.20E+01	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.3	6.93E+00	3.54E+01	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	31.3	6.53E+00	2.92E+01	—	pCi/L	UI	R	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.63	5.33E-01	5.40E+00	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.438	4.57E-01	3.71E+00	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.797	3.67E-01	4.16E+00	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.272	4.67E-01	4.70E+00	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.33	4.67E-01	4.00E+00	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.17	3.67E-01	2.30E+00	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.176	4.37E-01	3.68E+00	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0891	3.24E-01	3.66E+00	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00134	4.67E-02	4.80E-01	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0808	3.47E-02	3.68E-01	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.109	3.32E-02	3.31E-01	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.324	4.33E-02	4.30E-01	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.151	4.33E-02	4.90E-01	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0515	4.67E-02	4.80E-01	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.147	2.80E-02	3.71E-01	—	pCi/L	U	U	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0623	2.48E-02	2.56E-01	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.3	1.27E-02	1.10E-01	—	pCi/L	—	—	09-96	CAAN-08-16110	GELC

Table C-2 Ancho Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.318	1.02E-02	5.32E-02	—	pCi/L	—	—	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.253	9.27E-03	4.79E-02	—	pCi/L	—	—	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.202	9.67E-03	4.80E-02	—	pCi/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.26	1.07E-02	9.30E-02	—	pCi/L	—	—	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.302	9.67E-03	6.40E-02	—	pCi/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.316	9.93E-03	4.84E-02	—	pCi/L	—	—	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.272	1.04E-02	4.82E-02	—	pCi/L	—	—	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0117	2.93E-03	5.80E-02	—	pCi/L	U	U	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0205	3.16E-03	3.16E-02	—	pCi/L	U	U	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0111	2.94E-03	4.88E-02	—	pCi/L	U	U	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00704	1.67E-03	3.70E-02	—	pCi/L	U	U	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0191	2.63E-03	4.70E-02	—	pCi/L	U	U	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0114	1.70E-03	3.40E-02	—	pCi/L	U	U	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0291	2.82E-03	2.87E-02	—	pCi/L	—	J	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0281	5.47E-03	4.91E-02	—	pCi/L	U	U	177266	GU061100G9WT01	GELC
Test Well DT-9	1831	819	10/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.158	8.33E-03	5.80E-02	—	pCi/L	—	—	09-96	CAAN-08-16110	GELC
Test Well DT-9	1831	819	11/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.19	7.27E-03	3.55E-02	—	pCi/L	—	—	197048	GF071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.11	6.27E-03	3.39E-02	—	pCi/L	—	—	177266	GF061100G9WT01	GELC
Test Well DT-9	1831	819	09/24/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.111	6.33E-03	2.90E-02	—	pCi/L	—	—	10-4754	CAAN-10-25940	GELC
Test Well DT-9	1831	819	10/28/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.132	7.00E-03	5.70E-02	—	pCi/L	—	—	10-292	CAAN-09-14338	GELC
Test Well DT-9	1831	819	10/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.127	5.67E-03	3.40E-02	—	pCi/L	—	—	09-96	CAAN-08-16112	GELC
Test Well DT-9	1831	819	11/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.17	6.57E-03	3.23E-02	—	pCi/L	—	—	197048	GU071000G9WT01	GELC
Test Well DT-9	1831	819	12/05/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.107	7.03E-03	3.41E-02	—	pCi/L	—	—	177266	GU061100G9WT01	GELC

Appendix D

Analytical Chemistry Screening Results

The following pages provide (1) acronyms and abbreviations, (2) analytical laboratory qualifier codes, and (3) secondary validation codes. The secondary data validation summary is provided in Appendix F.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
<	Based on qualifiers, the result was a nondetection.
–	none
CCV	continuing calibration verification
DCG	Derived Concentration Guide (DOE)
DNX	Dinitroso-RDX (or hexahydro 1,3-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GW	groundwater
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
ICV	initial calibration verification
LAL	lower acceptance limit
LCS	laboratory control sample
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitrosodimethylamine
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
TDS	total dissolved solids
TNX	trinitroso-RDX
TPU	total propagated uncertainty
UAL	upper acceptance limit

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field Matrix Codes	
WS	base flow
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FTB	field trip blank
FTR	field triplicate
PEB	performance evaluation blank
Analytical Suite Codes	
GROSSA	gross alpha
GROSSB	gross beta
HEXP	high explosives
SVOA	semivolatile organic analysis
VOA	volatile organic analysis
Lab Sample Type Codes	
CS	client sample
DL	dilution
RE	reanalysis
Lab Codes	
ARSL	American Radiation Services–Primary
GELC	General Engineering Laboratories, Inc., Charleston, SC
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
UTML	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

Code	Description
*	(Inorganic)—Duplicate analysis (relative percent difference) not within control limits.
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
JP	See J code and see P code.
N*	See N code and see * code.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
U	The material was analyzed for but was not detected above the level of the associated numeric value.

Secondary Validation Codes

Flag Code	Description
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 positive bias.
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.
R	The reported sample result is classified as rejected because of serious noncompliances regarding 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.

Secondary Validation Codes (continued)

Reason Code	Description
HE7c	The ICV and/or CCV were recovered outside the method limits. The % difference between the ICV and CCV standard concentrations and their true values shall be calculated and must be ≤ 20%. The evaluation of CCV data applies to all CCVs that bracket samples of interest. If the % difference was reported with the wrong sign (e.g., + % difference for negative bias), document the occurrence in the data validation report and assess any infractions using the correct sign. 1. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 20%, qualify all associated detects as J+. 2. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 20% but ≤ 40% and negative (low bias), qualify all associated detects as J-, and if any other calibration criteria have been exceeded for that compound, qualify all associated nondetects as UJ. 3. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 40% but ≤ 60% and negative, qualify all associated detects as J and all associated nondetects as UJ. 4. If the % difference between a measured ICV and/or CCV concentration and its true value for any analyte is > 60% and is negative, qualify all associated detects as J- and all associated nondetects as R.
HE12f	If the MS/MSD percent recovery was > 130%, qualify all associated detects as J+.
I4a	The affected analytes are considered estimated and biased high because this analyte was identified in the method blank but was greater than 5 times.
I6a	The associated MS recovery was less than the LAL but greater than 10%. Follow the external laboratory limits located within the associated data package.
I6b	The associated MS recovery was greater than the UAL. Follow the external laboratory limits located within the associated data package.
I10a	The sample and the duplicate sample results were ≥ 5 times the RL, and the duplicate RPD was > 20% for water samples and > 35% for soil samples.
J_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
PE12f	The MS/MSD percent recovery was > 125%. Qualify all associated detects as J+.
R4	The sample result is ≤ 5 times the concentration of the related analyte in the method blank.
R5	The results for the affected analytes are considered not detected (U) because the associated sample concentration was less than or equal to the MDC.
R6a	The associated MS recovery was < 10%. Follow the external laboratory limits. MS/MSD is not applicable to gamma spectroscopy

Secondary Validation Codes (continued)

Reason Code	Description
R11	The results for the affected analytes should be regarded as not detected (U) because the associated sample concentration was less than 3 times the 1 sigma TPU.
SV7c	The ICV and/or CCV were recovered outside the method-specific limits.
SV12b	The LCS percent recovery was less than the UAL. Follow the external laboratory limits located within the associated data package.
SV88	Duplicate, dilution, or reanalysis.
U_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
V7b	The affected analytes were analyzed with an RRF of < 0.05 in the initial calibration and/or CCV.
V7c	The ICV and/or CCV were recovered outside the method-specific limits.
V9	The extraction/analytical holding time is exceeded by < 2 times the published method for holding times.

Table D-1
Previously Unreported Ancho Groundwater Tritium

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional	Test Well DT-5A	SINGLE	1172	04/13/10	H-3	UF	CS	—*	<	–1.66	3.19	1.78808	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	Test Well DT-9	SINGLE	819	04/23/10	H-3	UF	CS	—	<	2.60	0.74	2.0109514	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4
Regional	Test Well DT-10	SINGLE	1078.4	04/14/10	H-3	UF	CS	—	<	-0.42	0.57	1.94773	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-31	MULTI	532.2	04/20/10	H-3	UF	CS	—	<	1.31	0.61	1.9158	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-31	MULTI	670.3	04/20/10	H-3	UF	CS	—	<	1.28	0.61	1.88387	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-31	MULTI	830.9	04/22/10	H-3	UF	CS	—	<	2.88	0.82	2.2216894	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4

* — = None.

Table D-2
Ancho Groundwater Perchlorate

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Regional	R-29	SINGLE	1170	09/23/10	—*	F	CS	ClO4	SW-846:6850	—	0.215	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-30	SINGLE	1140	09/23/10	—	F	CS	ClO4	SW-846:6850	—	0.244	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-30	SINGLE	1140	09/23/10	FD	F	CS	ClO4	SW-846:6850	—	0.247	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	Test Well DT-5A	SINGLE	1172	09/27/10	—	F	CS	ClO4	SW-846:6850	—	0.266	0.05	µg/L	1	—	—	—	GELC
Regional	Test Well DT-9	SINGLE	819	09/24/10	—	F	CS	ClO4	SW-846:6850	—	0.273	0.05	µg/L	1	—	—	—	GELC
Regional	Test Well DT-10	SINGLE	1078	09/24/10	—	F	CS	ClO4	SW-846:6850	—	0.202	0.05	µg/L	1	—	—	—	GELC
Regional	R-31	MULTI	831	09/20/10	—	F	CS	ClO4	SW-846:6850	—	0.244	0.05	µg/L	1	—	—	—	GELC
Regional	R-31	MULTI	1011	09/09/10	—	F	CS	ClO4	SW-846:6850	—	0.22	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Barbara Spring	SPRING	—	09/17/10	—	F	CS	ClO4	SW-846:6850	—	0.234	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table D-3
Ancho Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional	R-29	SINGLE	1170	09/23/10	Mn	F	CS	—*	—	214	2	µg/L	GELC	—	—	—	SW-846:6010B	200	1.07

* — = None.

Table D-4
Ancho Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional	R-29	SINGLE	1170	09/23/10	FB	UF	CS	SVOA	Benzoic Acid	65-85-0	—*	17.8	6.3	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	150000	—	—	—
Regional	R-29	SINGLE	1170	09/23/10	FB	UF	CS	SVOA	Diethylphthalate	84-66-2	—	11.4	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	29000	—	—	—
Regional	R-29	SINGLE	1170	09/23/10	—	UF	CS	VOA	Toluene	108-88-3	—	0.29	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	2300	—	750	—
Regional	R-30	SINGLE	1140	09/23/10	FB	UF	CS	SVOA	Benzoic Acid	65-85-0	—	17.5	6.3	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	150000	—	—	—
Regional	R-30	SINGLE	1140	09/23/10	FB	UF	CS	SVOA	Diethylphthalate	84-66-2	—	24.7	2.1	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	29000	—	—	—
Regional	R-30	SINGLE	1140	09/23/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.48	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	190	—	—	—
Regional	Test Well DT-5A	SINGLE	1172	09/27/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.4	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	190	—	—	—

* — = None.

Table D-5
Ancho Surface Water Perchlorate

Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	E350 Rio de los Frijoles at Bandelier	09/17/10	—*	F	CS	ClO4	SW-846:6850	—	0.0656	0.05	µg/L	1	J	J	J_LAB	GELC

* — = None.

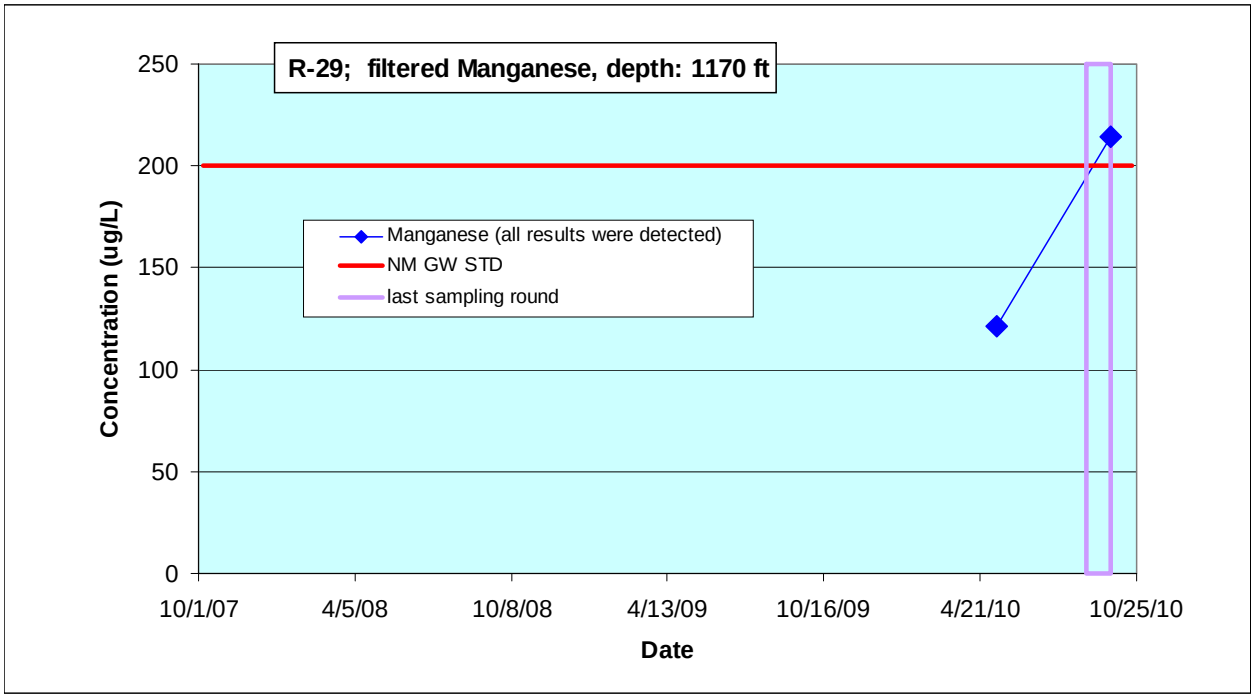
Table D-6
Ancho Surface Water Metals

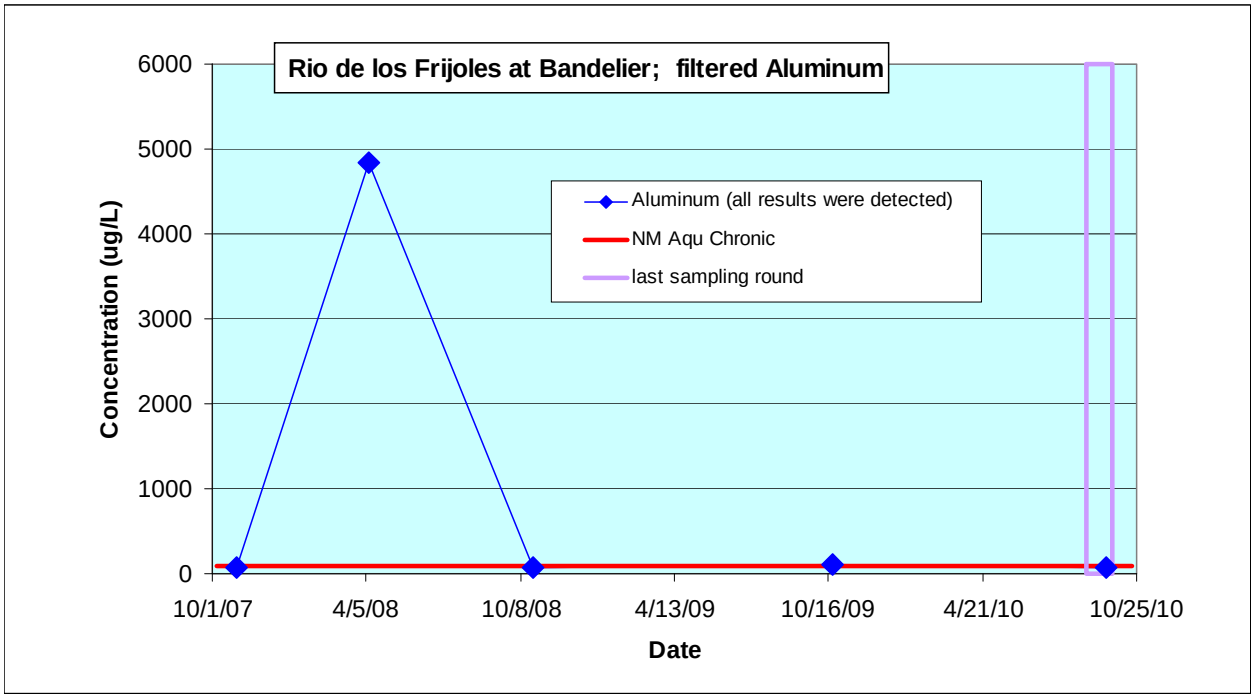
Field Matrix Code	Location	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NM Aquatic Chronic (100 mg hardness) Screening Level	Ratio (Result/Screening Level)
WS	E350 Rio de los Frijoles at Bandelier	09/17/10	Al	F	CS	*—	—	76.7	68	mg/L	GELC	J	J	J_LAB	SW-846:6010B	87	0.88

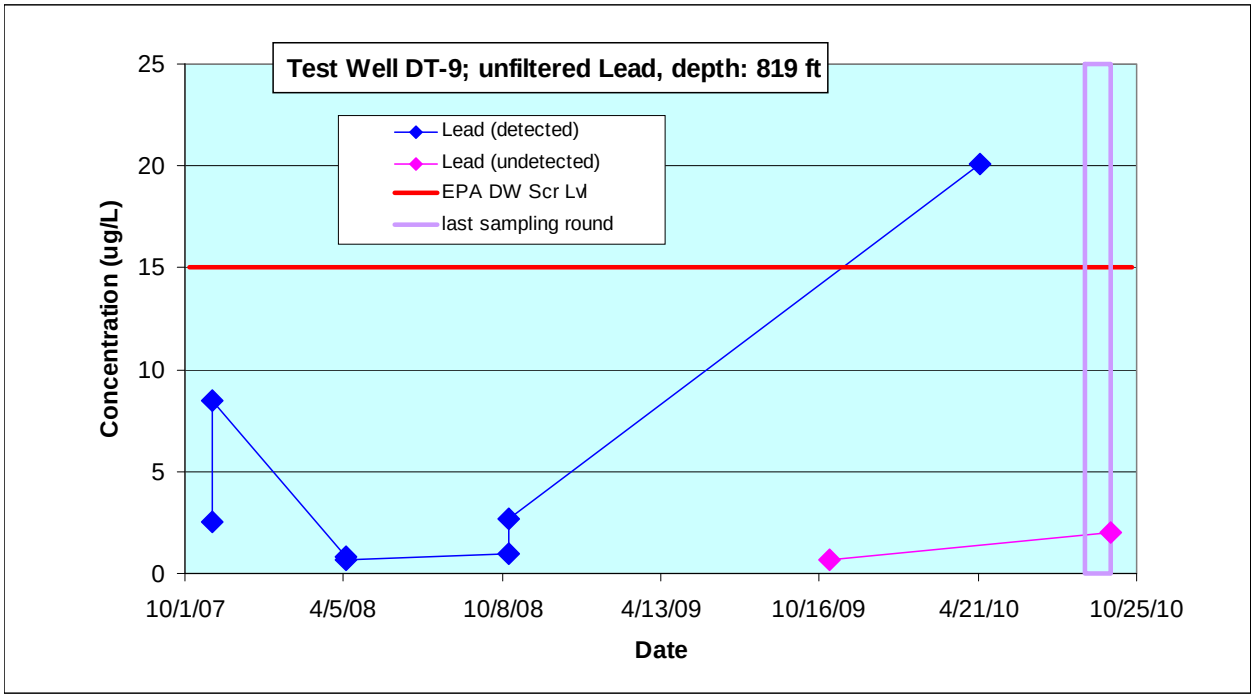
* — = None.

Appendix E

Analytical Chemistry Graphs of Screening-Level Exceedances


R-29; filtered Manganese, depth: 1170 ft
Concentration (ug/L)
250
200
150
100
50
0
Manganese (all results were detected)
NM GW STD
last sampling round
10/1/07
4/5/08
10/8/08
4/13/09
10/16/09
4/21/10
10/25/10
Date


Rio de los Frijoles at Bandelier; filtered Aluminum
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
Aluminum (all results were detected)
NM Aqu Chronic
last sampling round
10/1/07
4/5/08
10/8/08
4/13/09
10/16/09
4/21/10
10/25/10
Date


Test Well DT-9; unfiltered Lead, depth: 819 ft
Lead (detected)
Lead (undetected)
EPA DW Scr Lvl
last sampling round
Concentration (ug/L)
25
20
15
10
5
0
10/1/07
4/5/08
10/8/08
4/13/09
10/16/09
4/21/10
10/25/10
Date

Appendix F

Analytical Reports
(on CD included with this document)

DVD Table of Contents

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
10-4599	HEXP[a]	GELC	CAAN-10-25926	9/14/2010	R-31	670.3
10-4600	GENINORG[b]	GELC	CAAN-10-25931	9/9/2010	R-31	1011.3
10-4600	GENINORG	GELC	CAAN-10-25932	9/9/2010	R-31	1011.3
10-4600	HEXP	GELC	CAAN-10-25924	9/14/2010	R-31	542.5
10-4600	HEXP	GELC	CAAN-10-25931	9/9/2010	R-31	1011.3
10-4600	METALS	GELC	CAAN-10-25931	9/9/2010	R-31	1011.3
10-4600	METALS	GELC	CAAN-10-25932	9/9/2010	R-31	1011.3
10-4600	RAD[c]	GELC	CAAN-10-25931	9/9/2010	R-31	1011.3
10-4600	VOA[d]	GELC	CAAN-10-25930	9/9/2010	R-31	1011.3
10-4600	VOA	GELC	CAAN-10-25931	9/9/2010	R-31	1011.3
10-4600	VOA	GELC	CAAN-10-26313	9/9/2010	R-31	1011.3
10-4652	GENINORG	GELC	CAAN-10-25919	9/17/2010	Rio de los Frijoles at Bandelier	—[e]
10-4652	GENINORG	GELC	CAAN-10-25920	9/17/2010	Rio de los Frijoles at Bandelier	—
10-4652	GENINORG	GELC	CAAN-10-25921	9/17/2010	Barbara Spring	—
10-4652	GENINORG	GELC	CAAN-10-25922	9/17/2010	Barbara Spring	—
10-4652	METALS	GELC	CAAN-10-25919	9/17/2010	Rio de los Frijoles at Bandelier	—
10-4652	METALS	GELC	CAAN-10-25920	9/17/2010	Rio de los Frijoles at Bandelier	—
10-4652	METALS	GELC	CAAN-10-25921	9/17/2010	Barbara Spring	—
10-4652	METALS	GELC	CAAN-10-25922	9/17/2010	Barbara Spring	—
10-4652	RAD	GELC	CAAN-10-25919	9/17/2010	Rio de los Frijoles at Bandelier	—
10-4652	RAD	GELC	CAAN-10-25921	9/17/2010	Barbara Spring	—
10-4668	GENINORG	GELC	CAAN-10-25927	9/20/2010	R-31	830.9
10-4668	GENINORG	GELC	CAAN-10-25928	9/20/2010	R-31	830.9
10-4668	HEXP	GELC	CAAN-10-25927	9/20/2010	R-31	830.9
10-4668	METALS	GELC	CAAN-10-25927	9/20/2010	R-31	830.9
10-4668	METALS	GELC	CAAN-10-25928	9/20/2010	R-31	830.9
10-4668	RAD	GELC	CAAN-10-25927	9/20/2010	R-31	830.9
10-4668	VOA	GELC	CAAN-10-25927	9/20/2010	R-31	830.9
10-4668	VOA	GELC	CAAN-10-25929	9/20/2010	R-31	830.9
10-4668	VOA	GELC	CAAN-10-26312	9/20/2010	R-31	830.9
10-4726	HEXP	GELC	CAAN-10-25943	9/23/2010	R-29	1170
10-4726	HEXP	GELC	CAAN-10-25948	9/23/2010	R-30	1140
10-4726	HEXP	GELC	CAAN-10-25949	9/23/2010	R-30	1140
10-4726	PEST/PCB[f]	GELC	CAAN-10-25948	9/23/2010	R-30	1140
10-4726	PEST/PCB	GELC	CAAN-10-25949	9/23/2010	R-30	1140
10-4726	PEST/PCB	GELC	CAAN-10-26626	9/23/2010	R-30	1140
10-4726	RAD	GELC	CAAN-10-25948	9/23/2010	R-30	1140
10-4726	RAD	GELC	CAAN-10-25949	9/23/2010	R-30	1140
10-4726	SVOA[g]	GELC	CAAN-10-25943	9/23/2010	R-29	1170

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
10-4726	SVOA	GELC	CAAN-10-25947	9/23/2010	R-29	1170
10-4726	SVOA	GELC	CAAN-10-25948	9/23/2010	R-30	1140
10-4726	SVOA	GELC	CAAN-10-25949	9/23/2010	R-30	1140
10-4726	SVOA	GELC	CAAN-10-26626	9/23/2010	R-30	1140
10-4726	VOA	GELC	CAAN-10-25943	9/23/2010	R-29	1170
10-4726	VOA	GELC	CAAN-10-25944	9/23/2010	R-29	1170
10-4726	VOA	GELC	CAAN-10-25947	9/23/2010	R-29	1170
10-4726	VOA	GELC	CAAN-10-25948	9/23/2010	R-30	1140
10-4726	VOA	GELC	CAAN-10-25949	9/23/2010	R-30	1140
10-4726	VOA	GELC	CAAN-10-25951	9/23/2010	R-30	1140
10-4726	VOA	GELC	CAAN-10-26626	9/23/2010	R-30	1140
10-4727	GENINORG	GELC	CAAN-10-25942	9/23/2010	R-29	1170
10-4727	GENINORG	GELC	CAAN-10-25943	9/23/2010	R-29	1170
10-4727	GENINORG	GELC	CAAN-10-25948	9/23/2010	R-30	1140
10-4727	GENINORG	GELC	CAAN-10-25949	9/23/2010	R-30	1140
10-4727	GENINORG	GELC	CAAN-10-25950	9/23/2010	R-30	1140
10-4727	GENINORG	GELC	CAAN-10-26625	9/23/2010	R-30	1140
10-4727	METALS	GELC	CAAN-10-25942	9/23/2010	R-29	1170
10-4727	METALS	GELC	CAAN-10-25943	9/23/2010	R-29	1170
10-4727	METALS	GELC	CAAN-10-25948	9/23/2010	R-30	1140
10-4727	METALS	GELC	CAAN-10-25949	9/23/2010	R-30	1140
10-4727	METALS	GELC	CAAN-10-25950	9/23/2010	R-30	1140
10-4727	METALS	GELC	CAAN-10-26625	9/23/2010	R-30	1140
10-4729	HEXP	STSL	CAAN-10-25943	9/23/2010	R-29	1170
10-4729	HEXP	STSL	CAAN-10-25948	9/23/2010	R-30	1140
10-4729	HEXP	STSL	CAAN-10-25949	9/23/2010	R-30	1140
10-4741	GENINORG	GELC	CAAN-10-25933	9/24/2010	Test Well DT-10	1078.4
10-4741	GENINORG	GELC	CAAN-10-25934	9/24/2010	Test Well DT-10	1078.4
10-4741	HEXP	GELC	CAAN-10-25934	9/24/2010	Test Well DT-10	1078.4
10-4741	METALS	GELC	CAAN-10-25933	9/24/2010	Test Well DT-10	1078.4
10-4741	METALS	GELC	CAAN-10-25934	9/24/2010	Test Well DT-10	1078.4
10-4741	RAD	GELC	CAAN-10-25934	9/24/2010	Test Well DT-10	1078.4
10-4741	VOA	GELC	CAAN-10-25934	9/24/2010	Test Well DT-10	1078.4
10-4741	VOA	GELC	CAAN-10-25935	9/24/2010	Test Well DT-10	1078.4
10-4742	DIOX/FUR[h]	CFA	CAAN-10-25948	9/23/2010	R-30	1140
10-4742	DIOX/FUR	CFA	CAAN-10-25949	9/23/2010	R-30	1140
10-4742	DIOX/FUR	CFA	CAAN-10-26626	9/23/2010	R-30	1140
10-4754	GENINORG	GELC	CAAN-10-25939	9/24/2010	Test Well DT-9	819
10-4754	GENINORG	GELC	CAAN-10-25940	9/24/2010	Test Well DT-9	819
10-4754	HEXP	GELC	CAAN-10-25940	9/24/2010	Test Well DT-9	819

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
10-4754	METALS	GELC	CAAN-10-25939	9/24/2010	Test Well DT-9	819
10-4754	METALS	GELC	CAAN-10-25940	9/24/2010	Test Well DT-9	819
10-4754	RAD	GELC	CAAN-10-25940	9/24/2010	Test Well DT-9	819
10-4754	VOA	GELC	CAAN-10-25940	9/24/2010	Test Well DT-9	819
10-4754	VOA	GELC	CAAN-10-25941	9/24/2010	Test Well DT-9	819
10-4775	GENINORG	GELC	CAAN-10-25937	9/27/2010	Test Well DT-5A	1172
10-4775	GENINORG	GELC	CAAN-10-25938	9/27/2010	Test Well DT-5A	1172
10-4775	HEXP	GELC	CAAN-10-25937	9/27/2010	Test Well DT-5A	1172
10-4775	METALS	GELC	CAAN-10-25937	9/27/2010	Test Well DT-5A	1172
10-4775	METALS	GELC	CAAN-10-25938	9/27/2010	Test Well DT-5A	1172
10-4775	RAD	GELC	CAAN-10-25937	9/27/2010	Test Well DT-5A	1172
10-4775	VOA	GELC	CAAN-10-25936	9/27/2010	Test Well DT-5A	1172
10-4775	VOA	GELC	CAAN-10-25937	9/27/2010	Test Well DT-5A	1172

[a] HEXP = High explosives.

[b] GENINORG = General inorganics.

[c] RAD = Radionuclides.

[d] VOA = Volatile organic analysis.

[e] — = Not applicable.

[f] PEST/PCB = Pesticides/polychlorinated biphenyls.

[g] SVOA = Semivolatile organic analysis.

[h] DIOX/FUR = Dioxins and furans.