LA-UR-10-4823
August 2010
EP2010-0320

Periodic Monitoring Report for Pajarito Watershed, February 22–March 12, 2010

Los Alamos
NATIONAL LABORATORY
EST.1943

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 Pajarito Watershed. This PME was conducted pursuant to the 2009 Interim Facility-Wide Groundwater Monitoring Plan, prepared under the Compliance Order on Consent.

The PME documented in this report occurred from February 22 to March 12, 2010, and included monitoring of groundwater wells or well ports, springs, and base-flow stations. This report also includes results from previous PMEs that were unreported in their respective PMRs because of the availability of validated laboratory data.

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, inorganics, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

Surface-water and groundwater results from previous PME samples reported in this PMR are below screening levels. Surface-water results from samples collected from this PME are below screening levels.

Two results from groundwater samples collected from Pajarito Canyon during this PME were above screening levels.

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Acronyms and Abbreviations

AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDA	material disposal area
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
RPF	Records Processing Facility
SOP	standard operating procedure
TA	technical area

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of quarterly groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Pajarito Watershed pursuant to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2009, 106115) prepared under the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from February 22 to March 12, 2010, and included sampling at groundwater wells or well ports, springs, and base-flow stations.

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
- results of the screening analysis (comparing these PME results with screening levels and results from previous reports), and
- 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

Pajarito Canyon is located on the Pajarito Plateau in the central part of the Laboratory. The Pajarito Canyon Watershed is approximately 13 mi^2 and heads in the Santa Fe National Forest, approximately 2.9 mi (4.6 km) west of the Laboratory boundary at an elevation of approximately 10,434 ft (3180 m). Pajarito Canyon trends east-southeast across both the Laboratory and Los Alamos County. It discharges into the Rio Grande in White Rock Canyon at an elevation of 5422 ft (1653 m). Twomile and Threemile Canyons are major tributaries that join Pajarito Canyon approximately 7.3 mi (11.7 km) and 4.9 mi (9.3 km), respectively, upstream of the Rio Grande.

The primary Laboratory use of the Pajarito Watershed has been as the canyon-floor location for the Los Alamos Critical Experiments Laboratory at Technical Area 18 (TA-18) and for mesa-top surface and subsurface Material Disposal Areas (MDAs) F and Q at TA-06, M at TA-09, and G, H, J, and L at TA-54.

The technical areas located within this watershed include TA-03, TA-06, TA-07, TA-08, TA-09, TA-14, TA-15, TA-18, TA-22, TA-23, TA-36, TA-40, TA-46, TA-48, TA-50, TA-54, TA-55, TA-58, TA-59, TA-64, TA-65, TA-66, TA-67, and TA-69. The contaminant release history from approximately 379 solid waste management units and areas of concern includes releases or possible releases from outfalls, septic systems, spills, open detonations from firing sites, and MDAs. Laboratory-related contamination has been detected in Pajarito Canyon water samples collected from perennial and ephemeral streams, alluvial groundwater, and springs supplied by intermediate groundwater from the Bandelier Tuff.

Other uses within the watershed area include surface and subsurface MDAs and a buffer zone for mesa-top firing activities. To a lesser extent, the canyon has been used for liquid waste disposal. The early discharges were associated with outfalls, surface runoff, and dispersion from firing sites located at TA-06, TA-07, TA-08, TA-09, TA-12 (former), TA-15, TA-18, TA-22, TA-27 (former), and TA-69. Additional discharges began with the continued expansion of Laboratory operations to new sites from the 1950s to the 1970s, specifically TA-03, TA-36, TA-40, TA-48, and TA-59. Discharges to Pajarito Canyon and its tributaries have decreased as fewer firing sites within the watershed remain active during the past decades, and many outfalls have either been rendered inactive or rerouted to the Laboratory's sanitary waste treatment facility at TA-46 during the 1980s and 1990s.

2.0 SCOPE OF ACTIVITIES

The PME for the Pajarito Watershed was conducted pursuant to the 2009 IFGMP.

Table 2.0-1 provides the location name, sample collection date, port name, port depth, screened interval, top and bottom screen depths, base flow or water level, and the water-level method 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 2009 IFGMP.

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. 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 on Plate 1. Similarly, base-flow measurements are shown graphically in Figure 3.3-1.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the field work 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 2009 IFGMP. Purge water is managed and characterized in accordance with Waste Characterization

Strategy Form 39268 and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2.1 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 February to March 2010 sampling events. The screening levels with which the results are compared are presented in Table 4.2-1. The analytical laboratory reports (including chain-of-custody forms and data validation) are provided in Appendix F.

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 not detected, but are still reported. Analytical laboratory QC results, including matrix spike and matrix spike duplicates, are not included in the data set.

- Radionuclides
  - ❖ All low-detection-limit tritium data are reported. Results greater than 3 times the 1 standard deviation total propagated analytical uncertainty (or 3σ) are considered to be detections.
  - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
  - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
  - ❖ Otherwise, all detections are reported at all locations (i.e., results without a laboratory qualifier of U or X abbreviations that indicate the analyte was not detected).
- Nonradionuclides
  - ❖ All results, excluding nondetects, are reported. Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and different analytical methods are also reported.

Data for PMRs were evaluated using the following screening process.

- 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. Surface-water sampling results were compared with all surface-water standards without consideration of the designated use for the particular reach.
- 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.
- 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 having no other regulatory standard and for which toxicological information is published. For these screening levels, the tables indicate a risk type of C (cancer) or N (noncancer). For the cancer-risk type, the risk levels are for 10^{-6} excess cancer risk. The Consent Order specifies screening with these values at a risk level of 10^{-5} (rather than 10^{-6}) excess cancer risk. Therefore, data must exceed the 10^{-6} screening values by a factor of 10 or more to be above a risk level of 10^{-5} excess cancer risk.
- The analytical results for radioactivity were compared with the DOE Biota Concentration Guide (BCG) for surface water and Derived Concentration Guide (DCG) for groundwater.

Tables D-1 through D-8 (Appendix D) 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.

Analytical results are presented in Appendix E in graphs that display a series of selected analytes. The analytes were selected from data collected during the PMEs because they were above screening levels at least once during the three most recent sampling events. Once an analyte meets this criterion, the concentrations of the analyte are plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels.

Table 4.2-2 provides surface-water and groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that were above a screening level. Multiple detections of a particular constituent at a location were counted as one result. For example, if aluminum was detected above a screening level

in both a primary sample and a field duplicate, the detection was counted as one result. Therefore, only the highest result is shown.

An exceedance map for the current watershed monitoring event was not included because a single analyte did not exceed its standard at more than one location for this round of sampling.

4.2.1 Surface Water (Base Flow)

Results from the current and previous PME surface-water samples reported in this PMR are below screening levels.

4.2.2 Groundwater

Results from previous PME groundwater samples reported in this PMR are below screening levels. For the current monitoring event, the unfiltered chromium concentration of 143 µg/L from the 830 ft port at the new regional aquifer monitoring well R-54 was above the 100 µg/L EPA MCL screening level. The filtered concentration from this port was 11.1 µg/L. This is the first sample from this well.

The unfiltered bis(2-ethylhexyl)phthalate concentration of 11.2 µg/L from the 830 ft port at R-54 was above the 6 µg/L EPA MCL screening level. This is the first sample from this well.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Pajarito 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)

Results from the current and previous PME surface-water samples reported in this PMR are below screening levels. The types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.2.2 Groundwater

Results from previous PME groundwater samples reported in this PMR are below screening levels. Overall, two results from groundwater samples collected during this PME from Pajarito Canyon exceeded regulatory standards or screening levels (Table 4.2-2).

Except for the unfiltered chromium and bis(2-ethylhexyl)phthalate concentrations at the 830 ft port in regional aquifer monitoring well R-54, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.3 Data Gaps

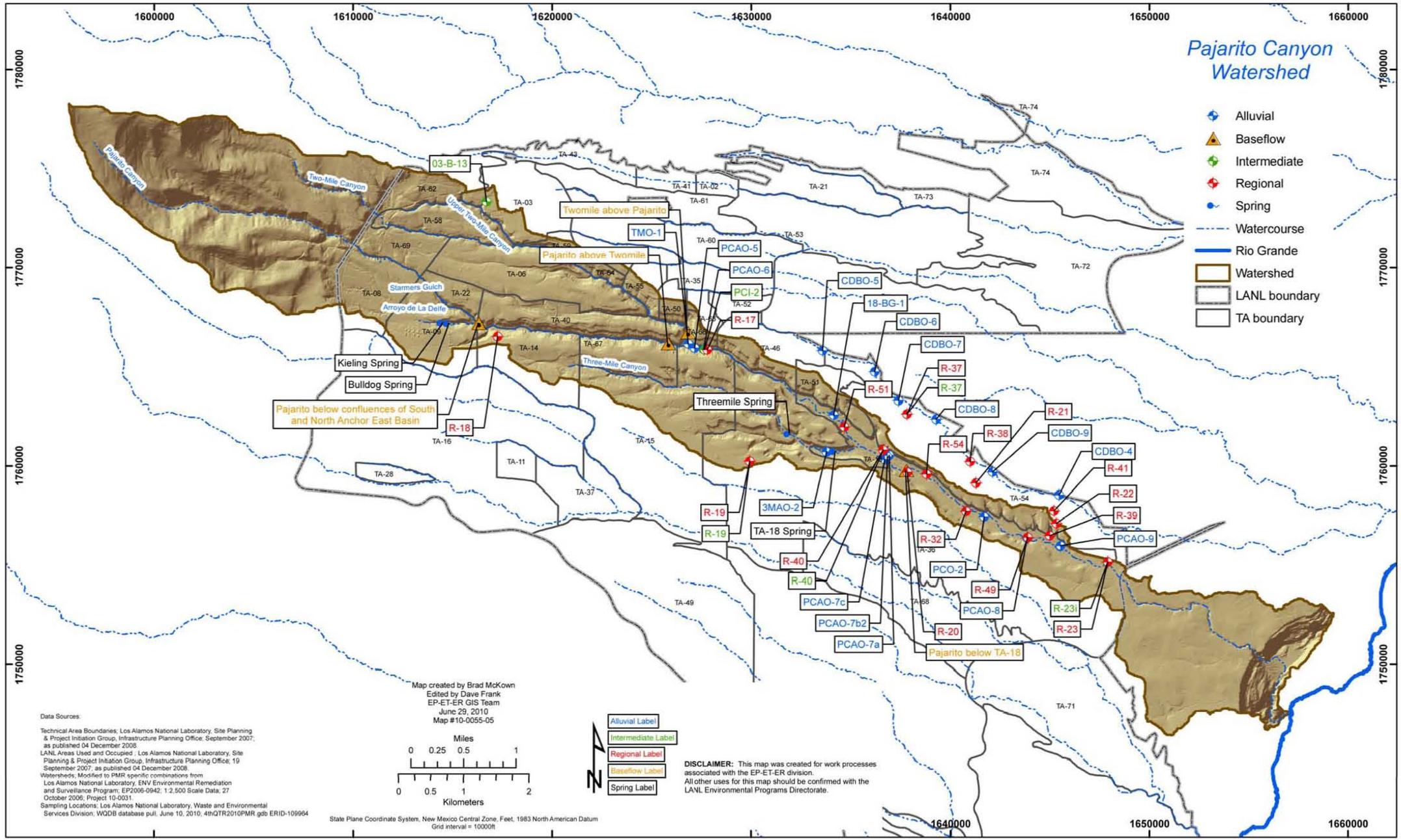
Table 3.4-1 summarizes the field deviations encountered during this PME. The table provides a detailed account of sampling-event deviations.

6.0 REFERENCE

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 2009. "2009 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-09-1340, Los Alamos, New Mexico. (LANL 2009, 106115)



Note: Some locations on this map may not have been sampled (see Table 3.4-1).

Figure 2.0-1 Locations monitored for this PME

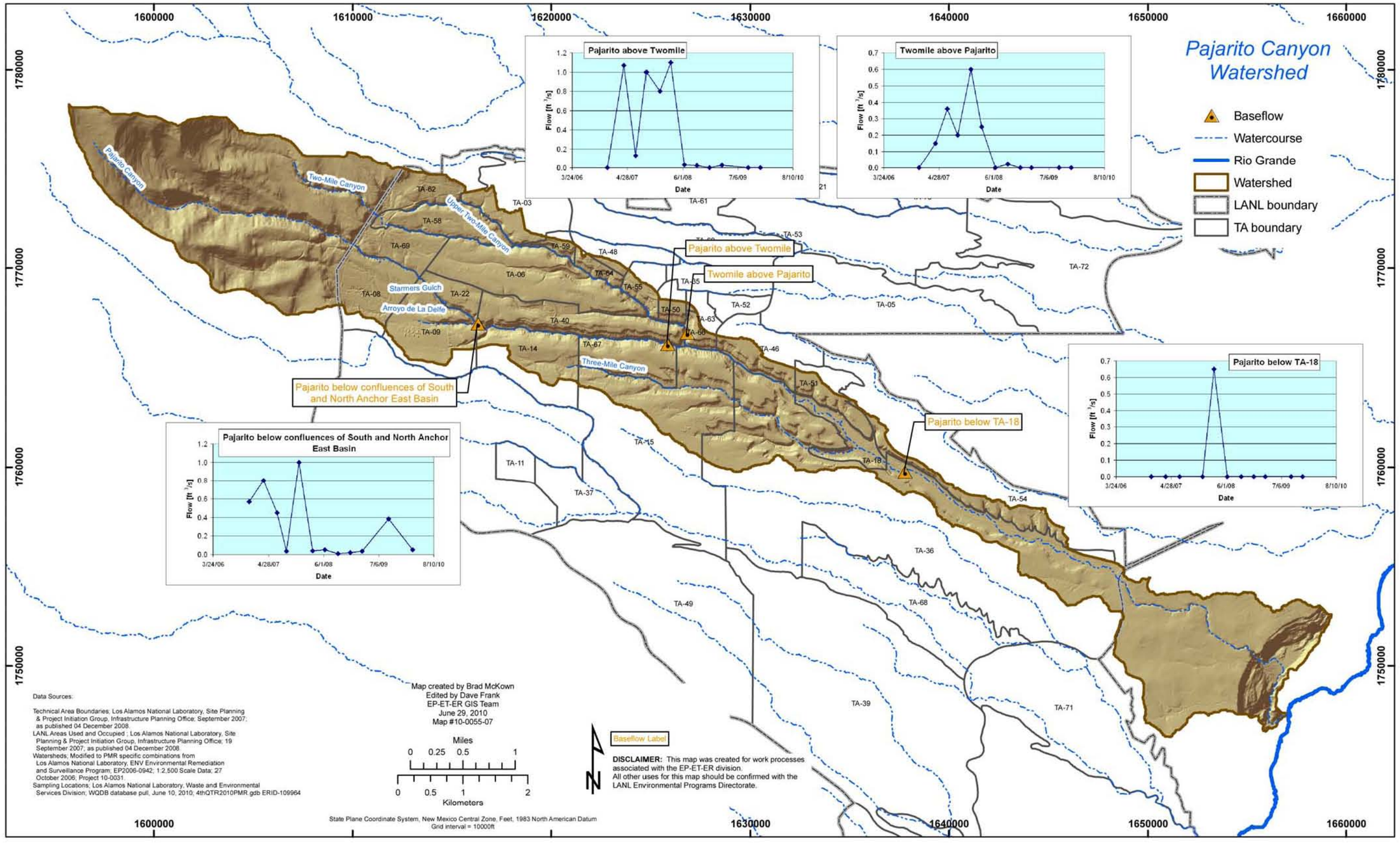


Figure 3.3-1 Base-flow measurements

Table 2.0-1
Pajarito Watershed Monitoring Locations and General Information

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base-Flow or Purge Rate (ft^3/s)	Water Level (ft)	Water Level Method
Base Flow											
Pajarito below confluences of South and North Anchor East Basin (PBF-1)	03/10/10	n/a[a]	n/a	n/a	n/a	n/a	n/a	n/a	0.04991	n/a	n/a
Pajarito above Twomile (E243)	03/05/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry[b]	n/a	n/a
Pajarito below TA-18 (PBF-5)	03/05/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Twomile above Pajarito (E244)	03/05/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Springs											
Bulldog Spring	03/10/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00546	n/a	n/a
Keiling Spring	03/10/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00203	n/a	n/a
TA-18 Spring	03/05/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Threemile Spring	03/05/10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Alluvial											
18-BG-1	02/22/10	Single	10	25	10	35	1.5	4.5	0.00018	6750.36 ft amsl[c]	Manual
CDBO-4	03/05/10	Single	4.1	8	4.1	12.1	n/a	n/a	Dry	n/a	n/a
CDBO-5	03/05/10	Single	7	10	7	17	n/a	n/a	Dry	n/a	n/a
CDBO-6	03/12/10	Single	34	10	34	44	n/a	n/a	Dry	n/a	n/a
CDBO-7	03/12/10	Single	29	10	29	39	n/a	n/a	Dry	n/a	n/a
CDBO-8	03/05/10	Single	3	10	3	13	n/a	n/a	Dry	n/a	n/a

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base-Flow or Purge Rate (ft^3/s)	Water Level (ft)	Water Level Method
CDBO-9	03/05/10	Single	19	10	19	29	n/a	n/a	Dry	n/a	n/a
PCAO-5	02/24/10	Single	14.7	10	14.7	24.7	5.9	5.0	0.00018	6922.18 ft amsl Insufficient sample volume—prioritized suite collected	Manual
PCAO-6	03/05/10	Single	8	7	8	15	n/a	n/a	Dry	n/a	n/a
PCAO-7a	02/23/10	Single	9.7	10	9.7	19.7	10.1	11	0.00031	6702.08 ft amsl	Manual
PCAO-7b2	02/24/10	Single	10	10	10	20	4.4	1.1	0.00007	6694.05 ft amsl	Manual
PCAO-7c	03/02/10	Single	9.7	10	9.7	19.7	4.9	5	0.00016	6697.05 ft amsl	Manual
PCAO-8	03/02/10	Single	9.7	10	9.7	19.7	4.4	1.8	0.00016	6565.09 ft amsl Insufficient sample volume—prioritized suite collected	Manual
PCAO-9	03/05/10	Single	6	10	6	16	n/a	n/a	Dry	n/a	n/a
PCO-2	02/23/10	Single	1.5	8	1.5	9.5	n/a	n/a	Dry	n/a	n/a
3MAO-2	02/26/10	Single	14.7	10	14.7	24.7	n/a	n/a	Cancelled by project lead	6735.32 ft amsl	Manual
TMO-1	03/05/10	Single	3.5	3	3.5	6.5	n/a	n/a	Dry	n/a	n/a
Intermediate											
03-B-13	03/01/10	Single	21.5	10	21.5	31.5	2	6	0.00027	7437.66 ft amsl	Manual
PCI-2	03/01/10	Single	512	10	512	522	20.5	70.0	0.00111	6407.8 ft amsl	Manual
R-19	02/25/10	MP2A	909.3	16.3	893.3	909.6	n/a	n/a	n/a	6169.14 ft amsl	Transducer
R-23i	03/10/10	P1A	400.3	19.7	400.3	420	3.1	9.3	0.00223	6121.7 ft amsl	Manual
R-23i	03/09/10	P2A	470.2	9.9	470.2	480.1	39.8	120	0.00267	6076.8 ft amsl	Manual

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base-Flow or Purge Rate (ft^3/s)	Water Level (ft)	Water Level Method
R-23i	03/08/10	P3A	524	23	524	547	40	120	0.00446	6068.78 ft amsl	Transducer
R-37	03/02/10	P1A	929.3	20.7	929.3	950	50.1	150	0.00111	5962.7 ft amsl	Manual
R-40	03/03/10	R-40i	649.7	19.4	649.67	669.02	13	26	0.00111	6079.9 ft amsl Poor pump performance—prioritized suite collected	Manual
Regional											
R-17	03/08/10	P1A	1057	23	1057	1080	41.6	126	0.00446	5884.9 ft amsl	Manual
R-17	03/08/10	P2A	1124	10	1124	1134	47.8	145	0.00468	5883.6 ft amsl	Manual
R-18	03/11/10	Single	1358	23	1358	1381	96.7	300	0.01337	6117.2 ft amsl	Manual
R-19	02/26/10	MP3A	1190.7	44	1171.4	1215.4	n/a	n/a	n/a	5887 ft amsl	Transducer
R-19	02/26/10	MP4A	1412.9	7.2	1410.2	1417.4	n/a	n/a	n/a	5881.01 ft amsl	Transducer
R-19	03/05/10	MP5A	1586.1	7.2	1582.6	1589.8	n/a	n/a	n/a	5877.79 ft amsl	Transducer
R-19	03/03/10	MP6A	1730.1	7.1	1726.8	1733.9	n/a	n/a	n/a	5870.22 ft amsl	Transducer
R-19	03/05/10	MP7A	1834.7	7.1	1832.4	1839.5	n/a	n/a	n/a	5867.62 ft amsl	Transducer
R-20	03/13/10	MP1A	907	7.6	904.6	912.2	70.7	210	0.00138	5863.7 ft amsl	Manual
R-20	02/24/10	MP2A	1149.7	7.6	1147.1	1154.7	41	125	0.00356	5860.9 ft amsl	Manual
R-21	03/12/10	Single	888.8	18	888.8	906.8	206	618	0.00724	5855 ft amsl	Manual
R-22	02/27/10	MP1A	907.1	41.9	872.3	914.2	n/a	n/a	Well rehab	n/a	n/a
R-22	02/27/10	MP2A	962.8	41.9	947	988.9	n/a	n/a	Well rehab	n/a	n/a
R-22	02/27/10	MP3A	1273.5	6.7	1272.2	1278.9	n/a	n/a	Well rehab	n/a	n/a
R-22	02/27/10	MP4A	1378	6.7	1378.2	1384.9	n/a	n/a	Well rehab	n/a	n/a
R-22	02/27/10	MP5A	1448.2	5	1447.3	1452.3	n/a	n/a	Well Rehab	n/a	n/a
R-23	03/05/10	Single	816	57.2	816	873.2	45.7	138	0.02228	5696.8 ft amsl	Manual

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base-Flow or Purge Rate (ft^3/s)	Water Level (ft)	Water Level Method
R-32	03/09/10	Single	870.9	7.7	867.5	875.2	89.5	268	0.00446	5852.4 ft amsl	Manual
R-37	03/03/10	P2A	1026	20.6	1026	1046.6	55.9	168	0.02027	5856.6 ft amsl	Manual
R-38	03/12/10	Single	821.2	10	821.2	831.2	43.3	132	0.00535	5857.4 ft amsl	Manual
R-39	02/26/10	Single	859	10	859	869	49.2	149	0.00668	5753.4 ft amsl	Manual
R-40	02/23/10	P1A	751.6	33.5	751.59	785.06	28.9	35	0.00111	5954.8 ft amsl Prioritized suite collected	Manual
R-40	02/23/10	P2A	849.3	20.7	849.27	870	42.2	129	0.00468	5865.6 ft amsl	Manual
R-41	02/19/10	P1A	928	9.7	928	937.7	n/a	n/a	Dry	Sampling system and transducer have been removed	n/a
R-41	02/26/10	P2A	965.3	9.7	965.3	975	36.5	112	0.00668	5699.2 ft amsl	Manual
R-49	02/03/10	P1A	845	10	845	855	80.1	240	0.00557	5775.2 ft amsl	Manual
R-49	03/05/10	P2A	905.6	20.8	905.6	926.4	58.1	175	0.00512	5751.5 ft amsl	Manual
R-51	03/08/10	P1A	914.96	10.28	914.96	925.24	n/a	n/a	0.00947	Water level not available because this was a temporary sampling system. Sampled at conclusion of aquifer test.	n/a
R-51	02/22/10	P2A	1031	10	1031	1041	n/a	n/a	0.04701	Water level not available because this was a temporary sampling system. Sampled at conclusion of aquifer test.	n/a

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base-Flow or Purge Rate (ft^3/s)	Water Level (ft)	Water Level Method
R-54	02/15/10	P1A	830	10	830	840	n/a	n/a	0.00189	Water level not available because this was a temporary sampling system. Sampled at conclusion of aquifer test.	n/a
R-54	02/21/10	P2A	915	10	915	925	n/a	n/a	0.04144	Water level not available because this was a temporary sampling system. Sampled at conclusion of aquifer test.	n/a

[a] n/a = Not applicable.

[b] See Table.3.4-1 for explanation.

[c] amsl = Above mean sea level.

Table 3.4-1
Pajarito PME Observations and Deviations

Location	Deviation	Cause	Comment
3MAO-2	No data are included in this report for this location	This location was not sampled on 02/26/10 because it was dry	Location will be sampled during next scheduled PME
R-41, port 1	No data are included in this report for this location	This location was not sampled on 02/19/10 because it was dry	Location will be sampled during next scheduled PME
PCO-2	No data are included in this report for this location	This location was not sampled on 02/23/10 because it was dry	Location will be sampled during next scheduled PME
CDBO-4, CDBO-5, CDBO-8, CDBO-9, Pajarito above Twomile, Pajarito below TA-18, PCAO-6, PCAO-9, TA-18 Spring, Threemile Spring, TMO-1, Twomile above Pajarito	No data are included in this report for these locations	These locations were not sampled on 03/05/10 because they were dry	Locations will be sampled during next scheduled PME
CDBO-6, CDBO-7	No data are included in this report for these locations	These locations were not sampled on 03/12/10 because they were dry	Locations will be sampled during next scheduled PME
R-40, port 1	Limited data are included in this report for this location	Prioritized suite collected on 02/23/10	Well will be sampled during next scheduled PME
PCAO-5	Limited data are included in this report for this location	Prioritized suite collected on 02/24/10	Well will be sampled during next scheduled PME
PCAO-8	Limited data are included in this report for this location	Prioritized suite collected on 03/02/10	Well will be sampled during next scheduled PME
R-40, port R-40i	Limited data are included in this report for this location	Prioritized suite collected on 03/03/10	Well will be sampled during next scheduled PME
R-22	No data are included in this report for this location	Well is undergoing rehabilitation	n/a*

*n/a = Not applicable.

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
Screening Levels for Groundwater and Surface Water at Los Alamos National Laboratory

Standard Type	Groundwater	Surface Water
DOE BCG	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
Pajarito Watershed Results above Screening Levels for Surface Water and Groundwater

Location	Date	Analyte	Field Preparation	Result	Unit	Screening-Level Value	Screening-Level Source
Surface Water							
None							
Regional Aquifer							
R-54	02/15/10	Chromium	UF*	143	µg/L	100	EPA MCL
R-54	02/15/10	Bis(2-ethylhexyl)phthalate	UF	11.2	µg/L	6	EPA MCL

* UF = Unfiltered.

Appendix A

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

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
03-B-13	7671	21.5	03/01/10	WG[a]	Dissolved oxygen	1.78	mg/L	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Dissolved oxygen	2.64	mg/L	CAPA-10-6101
03-B-13	7671	21.5	09/11/09	WG	Dissolved oxygen	0.39	mg/L	CAPA-09-12149
03-B-13	7671	21.5	06/10/09	WG	Dissolved oxygen	1.59	mg/L	CAPA-09-9341
03-B-13	7671	21.5	03/11/09	WG	Dissolved oxygen	218	mg/L	CAPA-09-4132
03-B-13	7671	21.5	03/01/10	WG	Oxidation reduction potential	245.1	mV[b]	CAPA-10-12788
03-B-13	7671	21.5	09/11/09	WG	Oxidation reduction potential	163.5	mV	CAPA-09-12149
03-B-13	7671	21.5	06/10/09	WG	Oxidation reduction potential	232	mV	CAPA-09-9341
03-B-13	7671	21.5	03/11/09	WG	Oxidation reduction potential	153.8	mV	CAPA-09-4132
03-B-13	7671	21.5	12/18/08	WG	Oxidation reduction potential	253.3	mV	CAPA-09-1180
03-B-13	7671	21.5	03/01/10	WG	pH	5.6	SU[c]	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	pH	5.42	SU	CAPA-10-6101
03-B-13	7671	21.5	09/11/09	WG	pH	5.73	SU	CAPA-09-12149
03-B-13	7671	21.5	06/10/09	WG	pH	5.89	SU	CAPA-09-9341
03-B-13	7671	21.5	03/01/10	WG	Specific conductance	748	µS/cm[d]	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Specific conductance	136	µS/cm	CAPA-10-6101
03-B-13	7671	21.5	09/11/09	WG	Specific conductance	198	µS/cm	CAPA-09-12149
03-B-13	7671	21.5	06/10/09	WG	Specific conductance	442	µS/cm	CAPA-09-9341
03-B-13	7671	21.5	03/01/10	WG	Temperature	12.54	deg C	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Temperature	12.47	deg C	CAPA-10-6101
03-B-13	7671	21.5	09/11/09	WG	Temperature	13.54	deg C	CAPA-09-12149
03-B-13	7671	21.5	06/10/09	WG	Temperature	12.87	deg C	CAPA-09-9341
03-B-13	7671	21.5	03/11/09	WG	Temperature	13.32	deg C	CAPA-09-4132
03-B-13	7671	21.5	03/01/10	WG	Turbidity	18.8	NTU[e]	CAPA-10-12788
03-B-13	7671	21.5	12/14/09	WG	Turbidity	103	NTU	CAPA-10-6101
03-B-13	7671	21.5	09/11/09	WG	Turbidity	121	NTU	CAPA-09-12149
03-B-13	7671	21.5	06/10/09	WG	Turbidity	1000	NTU	CAPA-09-9341
03-B-13	7671	21.5	03/11/09	WG	Turbidity	55.4	NTU	CAPA-09-4132

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
18-BG-1	5741	10	02/22/10	WG	Dissolved oxygen	5.56	mg/L	CAPA-10-12771
18-BG-1	5741	10	09/03/09	WG	Dissolved oxygen	6.29	mg/L	CAPA-09-12311
18-BG-1	5741	10	05/29/09	WG	Dissolved oxygen	10.13	mg/L	CAPA-09-9309
18-BG-1	5741	10	02/26/09	WG	Dissolved oxygen	6.43	mg/L	CAPA-09-4100
18-BG-1	5741	10	12/08/08	WG	Dissolved oxygen	5.4	mg/L	CAPA-09-1117
18-BG-1	5741	10	02/22/10	WG	Oxidation reduction potential	506.4	mV	CAPA-10-12771
18-BG-1	5741	10	09/03/09	WG	Oxidation reduction potential	263.3	mV	CAPA-09-12311
18-BG-1	5741	10	05/29/09	WG	Oxidation reduction potential	387.3	mV	CAPA-09-9309
18-BG-1	5741	10	02/26/09	WG	Oxidation reduction potential	333.6	mV	CAPA-09-4100
18-BG-1	5741	10	12/08/08	WG	Oxidation reduction potential	186	mV	CAPA-09-1117
18-BG-1	5741	10	02/22/10	WG	pH	5.28	SU	CAPA-10-12771
18-BG-1	5741	10	09/03/09	WG	pH	6.3	SU	CAPA-09-12311
18-BG-1	5741	10	05/29/09	WG	pH	6.19	SU	CAPA-09-9309
18-BG-1	5741	10	02/26/09	WG	pH	6.13	SU	CAPA-09-4100
18-BG-1	5741	10	12/08/08	WG	pH	6.25	SU	CAPA-09-1117
18-BG-1	5741	10	02/22/10	WG	Specific conductance	197	µS/cm	CAPA-10-12771
18-BG-1	5741	10	09/03/09	WG	Specific conductance	161	µS/cm	CAPA-09-12311
18-BG-1	5741	10	05/29/09	WG	Specific conductance	165	µS/cm	CAPA-09-9309
18-BG-1	5741	10	02/26/09	WG	Specific conductance	142	µS/cm	CAPA-09-4100
18-BG-1	5741	10	12/08/08	WG	Specific conductance	144	µS/cm	CAPA-09-1117
18-BG-1	5741	10	02/22/10	WG	Temperature	10.32	deg C	CAPA-10-12771
18-BG-1	5741	10	09/03/09	WG	Temperature	11.77	deg C	CAPA-09-12311
18-BG-1	5741	10	05/29/09	WG	Temperature	11.16	deg C	CAPA-09-9309
18-BG-1	5741	10	02/26/09	WG	Temperature	11.08	deg C	CAPA-09-4100
18-BG-1	5741	10	12/08/08	WG	Temperature	11.22	deg C	CAPA-09-1117
18-BG-1	5741	10	02/22/10	WG	Turbidity	46.8	NTU	CAPA-10-12771
18-BG-1	5741	10	09/03/09	WG	Turbidity	10.8	NTU	CAPA-09-12311
18-BG-1	5741	10	05/29/09	WG	Turbidity	6.66	NTU	CAPA-09-9309

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
18-BG-1	5741	10	02/26/09	WG	Turbidity	22	NTU	CAPA-09-4100
18-BG-1	5741	10	12/08/08	WG	Turbidity	6.48	NTU	CAPA-09-1117
Bulldog Spring	—[f]	—	03/10/10	WG	Dissolved oxygen	8.19	mg/L	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	Dissolved oxygen	8.66	mg/L	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	Dissolved oxygen	8.69	mg/L	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	Dissolved oxygen	8.77	mg/L	CAPA-09-4090
Bulldog Spring	—	—	12/10/08	WG	Dissolved oxygen	8.46	mg/L	CAPA-09-1106
Bulldog Spring	—	—	03/10/10	WG	pH	7.64	SU	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	pH	7.14	SU	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	pH	6.92	SU	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	pH	7.08	SU	CAPA-09-4090
Bulldog Spring	—	—	12/10/08	WG	pH	5.4	SU	CAPA-09-1106
Bulldog Spring	—	—	03/10/10	WG	Specific conductance	472	µS/cm	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	Specific conductance	222	µS/cm	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	Specific conductance	181	µS/cm	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	Specific conductance	212	µS/cm	CAPA-09-4090
Bulldog Spring	—	—	12/10/08	WG	Specific conductance	192	µS/cm	CAPA-09-1106
Bulldog Spring	—	—	03/10/10	WG	Temperature	8.51	deg C	CAPA-10-12705
Bulldog Spring	—	—	09/15/09	WG	Temperature	10.13	deg C	CAPA-09-12112
Bulldog Spring	—	—	06/03/09	WG	Temperature	9.72	deg C	CAPA-09-9307
Bulldog Spring	—	—	03/06/09	WG	Temperature	8.9	deg C	CAPA-09-4090
Bulldog Spring	—	—	12/10/08	WG	Temperature	7.86	deg C	CAPA-09-1106
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	Dissolved oxygen	10.16	mg/L	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	Dissolved oxygen	8.18	mg/L	CAPA-09-12075

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	Dissolved oxygen	11.91	mg/L	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	Dissolved oxygen	10.28	mg/L	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	Dissolved oxygen	10.39	mg/L	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	pH	7.39	SU	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	pH	7.68	SU	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	pH	7.47	SU	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	pH	7.43	SU	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	pH	6.45	SU	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	Specific conductance	407	µS/cm	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	Specific conductance	213	µS/cm	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	Specific conductance	158	µS/cm	CAPA-09-4059

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	Specific conductance	182	µS/cm	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	Specific conductance	192.6	µS/cm	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	Temperature	3.43	deg C	CAPA-10-12694
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	Temperature	10.95	deg C	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	Temperature	6.02	deg C	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	Temperature	14.2	deg C	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	06/10/08	WS	Temperature	17	deg C	CAPA-08-13033
PCAO-5	8481	14.7	02/24/10	WG	Dissolved oxygen	0.64	mg/L	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Dissolved oxygen	0.28	mg/L	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Dissolved oxygen	3.29	mg/L	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Dissolved oxygen	0.2	mg/L	CAPA-09-9388
PCAO-5	8481	14.7	12/02/08	WG	Dissolved oxygen	0.12	mg/L	CAPA-09-1140
PCAO-5	8481	14.7	02/24/10	WG	Oxidation reduction potential	389.9	mV	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Oxidation reduction potential	344.3	mV	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Oxidation reduction potential	–99.5	mV	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Oxidation reduction potential	189.8	mV	CAPA-09-9388
PCAO-5	8481	14.7	12/02/08	WG	Oxidation reduction potential	–109	mV	CAPA-09-1140

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-5	8481	14.7	02/24/10	WG	pH	6.5	SU	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	pH	8	SU	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	pH	6.46	SU	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	pH	6.56	SU	CAPA-09-9388
PCAO-5	8481	14.7	12/02/08	WG	pH	7.02	SU	CAPA-09-1140
PCAO-5	8481	14.7	02/24/10	WG	Specific conductance	734	µS/cm	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Specific conductance	701	µS/cm	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Specific conductance	397	µS/cm	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Specific conductance	559	µS/cm	CAPA-09-9388
PCAO-5	8481	14.7	12/02/08	WG	Specific conductance	476	µS/cm	CAPA-09-1140
PCAO-5	8481	14.7	02/24/10	WG	Temperature	9.96	deg C	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Temperature	11.08	deg C	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Temperature	10.99	deg C	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Temperature	9.65	deg C	CAPA-09-9388
PCAO-5	8481	14.7	12/02/08	WG	Temperature	10.48	deg C	CAPA-09-1140
PCAO-5	8481	14.7	02/24/10	WG	Turbidity	12.2	NTU	CAPA-10-12867
PCAO-5	8481	14.7	12/17/09	WG	Turbidity	1.04	NTU	CAPA-10-6390
PCAO-5	8481	14.7	09/02/09	WG	Turbidity	1.74	NTU	CAPA-09-12210
PCAO-5	8481	14.7	06/09/09	WG	Turbidity	1.44	NTU	CAPA-09-9388
PCAO-5	8481	14.7	12/02/08	WG	Turbidity	0.91	NTU	CAPA-09-1140
PCAO-7a	8501	9.7	02/23/10	WG	Dissolved oxygen	8.88	mg/L	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Dissolved oxygen	7.16	mg/L	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Dissolved oxygen	6.61	mg/L	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Dissolved oxygen	7.96	mg/L	CAPA-09-9390
PCAO-7a	8501	9.7	02/25/09	WG	Dissolved oxygen	7.68	mg/L	CAPA-09-4342
PCAO-7a	8501	9.7	02/23/10	WG	Oxidation reduction potential	409.1	mV	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Oxidation reduction potential	309.7	mV	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Oxidation reduction potential	284.4	mV	CAPA-09-12214

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-7a	8501	9.7	06/02/09	WG	Oxidation reduction potential	348	mV	CAPA-09-9390
PCAO-7a	8501	9.7	02/25/09	WG	Oxidation reduction potential	317.7	mV	CAPA-09-4342
PCAO-7a	8501	9.7	02/23/10	WG	pH	6.34	SU	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	pH	6.33	SU	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	pH	6.37	SU	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	pH	6.44	SU	CAPA-09-9390
PCAO-7a	8501	9.7	02/23/10	WG	Specific conductance	562	µS/cm	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Specific conductance	609	µS/cm	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Specific conductance	635	µS/cm	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Specific conductance	464	µS/cm	CAPA-09-9390
PCAO-7a	8501	9.7	02/23/10	WG	Temperature	10.11	deg C	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Temperature	13.49	deg C	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Temperature	16.42	deg C	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Temperature	12.44	deg C	CAPA-09-9390
PCAO-7a	8501	9.7	02/25/09	WG	Temperature	11.58	deg C	CAPA-09-4342
PCAO-7a	8501	9.7	02/23/10	WG	Turbidity	3.57	NTU	CAPA-10-12871
PCAO-7a	8501	9.7	12/11/09	WG	Turbidity	11.2	NTU	CAPA-10-6749
PCAO-7a	8501	9.7	09/17/09	WG	Turbidity	5.67	NTU	CAPA-09-12214
PCAO-7a	8501	9.7	06/02/09	WG	Turbidity	4.88	NTU	CAPA-09-9390
PCAO-7a	8501	9.7	02/25/09	WG	Turbidity	3.37	NTU	CAPA-09-4342
PCAO-7b2	8581	10	02/24/10	WG	Dissolved oxygen	7.25	mg/L	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Dissolved oxygen	6.5	mg/L	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Dissolved oxygen	4.74	mg/L	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	Dissolved oxygen	8.74	mg/L	CAPA-09-9432
PCAO-7b2	8581	10	03/06/09	WG	Dissolved oxygen	6.04	mg/L	CAPA-09-4383
PCAO-7b2	8581	10	02/24/10	WG	Oxidation reduction potential	488.8	mV	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Oxidation reduction potential	295.3	mV	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Oxidation reduction potential	369.1	mV	CAPA-09-12194

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-7b2	8581	10	06/04/09	WG	Oxidation reduction potential	236.5	mV	CAPA-09-9432
PCAO-7b2	8581	10	03/06/09	WG	Oxidation reduction potential	387.4	mV	CAPA-09-4383
PCAO-7b2	8581	10	02/24/10	WG	pH	5.93	SU	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	pH	5.44	SU	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	pH	6.1	SU	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	pH	6.16	SU	CAPA-09-9432
PCAO-7b2	8581	10	02/24/10	WG	Specific conductance	3049	µS/cm	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Specific conductance	2684	µS/cm	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Specific conductance	4759	µS/cm	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	Specific conductance	3551	µS/cm	CAPA-09-9432
PCAO-7b2	8581	10	02/24/10	WG	Temperature	11.4	deg C	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Temperature	11.76	deg C	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Temperature	14.03	deg C	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	Temperature	12.49	deg C	CAPA-09-9432
PCAO-7b2	8581	10	03/06/09	WG	Temperature	12.9	deg C	CAPA-09-4383
PCAO-7b2	8581	10	02/24/10	WG	Turbidity	20.8	NTU	CAPA-10-12847
PCAO-7b2	8581	10	12/10/09	WG	Turbidity	1.94	NTU	CAPA-10-6756
PCAO-7b2	8581	10	09/15/09	WG	Turbidity	43.9	NTU	CAPA-09-12194
PCAO-7b2	8581	10	06/04/09	WG	Turbidity	20.5	NTU	CAPA-09-9432
PCAO-7b2	8581	10	03/06/09	WG	Turbidity	177	NTU	CAPA-09-4383
PCAO-7c	8531	9.7	03/02/10	WG	Dissolved oxygen	2.97	mg/L	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Dissolved oxygen	3.14	mg/L	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Dissolved oxygen	4.16	mg/L	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Dissolved oxygen	6.4	mg/L	CAPA-09-9395
PCAO-7c	8531	9.7	02/24/09	WG	Dissolved oxygen	6.16	mg/L	CAPA-09-4343
PCAO-7c	8531	9.7	03/02/10	WG	Oxidation reduction potential	230.2	mV	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Oxidation reduction potential	247.1	mV	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Oxidation reduction potential	280.6	mV	CAPA-09-12220

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-7c	8531	9.7	06/03/09	WG	Oxidation reduction potential	259.1	mV	CAPA-09-9395
PCAO-7c	8531	9.7	02/24/09	WG	Oxidation reduction potential	355	mV	CAPA-09-4343
PCAO-7c	8531	9.7	03/02/10	WG	pH	5.79	SU	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	pH	5.54	SU	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	pH	5.95	SU	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	pH	6.07	SU	CAPA-09-9395
PCAO-7c	8531	9.7	02/24/09	WG	pH	6.19	SU	CAPA-09-4343
PCAO-7c	8531	9.7	03/02/10	WG	Specific conductance	211	µS/cm	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Specific conductance	218	µS/cm	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Specific conductance	2234	µS/cm	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Specific conductance	202	µS/cm	CAPA-09-9395
PCAO-7c	8531	9.7	02/24/09	WG	Specific conductance	347	µS/cm	CAPA-09-4343
PCAO-7c	8531	9.7	03/02/10	WG	Temperature	11.23	deg C	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Temperature	11.48	deg C	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Temperature	11.87	deg C	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Temperature	11.07	deg C	CAPA-09-9395
PCAO-7c	8531	9.7	02/24/09	WG	Temperature	11.5	deg C	CAPA-09-4343
PCAO-7c	8531	9.7	03/02/10	WG	Turbidity	11.3	NTU	CAPA-10-12876
PCAO-7c	8531	9.7	12/10/09	WG	Turbidity	4.96	NTU	CAPA-10-6758
PCAO-7c	8531	9.7	09/14/09	WG	Turbidity	5.9	NTU	CAPA-09-12220
PCAO-7c	8531	9.7	06/03/09	WG	Turbidity	13.2	NTU	CAPA-09-9395
PCAO-7c	8531	9.7	02/24/09	WG	Turbidity	3.8	NTU	CAPA-09-4343
PCAO-8	8541	9.7	03/02/10	WG	Dissolved oxygen	6	mg/L	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Dissolved oxygen	5.5	mg/L	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Dissolved oxygen	1.2	mg/L	CAPA-08-15001
PCAO-8	8541	9.7	06/24/08	WG	Dissolved oxygen	6.73	mg/L	CAPA-08-13131
PCAO-8	8541	9.7	03/02/10	WG	Oxidation reduction potential	365	mV	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Oxidation reduction potential	229.8	mV	CAPA-09-12225

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-8	8541	9.7	09/17/08	WG	Oxidation reduction potential	233	mV	CAPA-08-15001
PCAO-8	8541	9.7	06/24/08	WG	Oxidation reduction potential	272	mV	CAPA-08-13131
PCAO-8	8541	9.7	03/02/10	WG	pH	6.23	SU	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	pH	6.28	SU	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	pH	6.71	SU	CAPA-08-15001
PCAO-8	8541	9.7	06/24/08	WG	pH	6.96	SU	CAPA-08-13131
PCAO-8	8541	9.7	03/02/10	WG	Specific conductance	389	µS/cm	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Specific conductance	417	µS/cm	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Specific conductance	552	µS/cm	CAPA-08-15001
PCAO-8	8541	9.7	06/24/08	WG	Specific conductance	622	µS/cm	CAPA-08-13131
PCAO-8	8541	9.7	03/02/10	WG	Temperature	10.91	deg C	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Temperature	13.67	deg C	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Temperature	15.4	deg C	CAPA-08-15001
PCAO-8	8541	9.7	06/24/08	WG	Temperature	15.3	deg C	CAPA-08-13131
PCAO-8	8541	9.7	03/02/10	WG	Turbidity	11.8	NTU	CAPA-10-13076
PCAO-8	8541	9.7	09/10/09	WG	Turbidity	21.8	NTU	CAPA-09-12225
PCAO-8	8541	9.7	09/17/08	WG	Turbidity	62.1	NTU	CAPA-08-15001
PCAO-8	8541	9.7	06/24/08	WG	Turbidity	264	NTU	CAPA-08-13131
PCI-2	8851	512	03/01/10	WG	Dissolved oxygen	7.48	mg/L	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Dissolved oxygen	7.56	mg/L	CAPA-10-6784
PCI-2	8851	512	09/04/09	WG	Dissolved oxygen	8.97	mg/L	CAPA-09-12259
PCI-2	8851	512	06/11/09	WG	Dissolved oxygen	7.82	mg/L	CAPA-09-9615
PCI-2	8851	512	03/01/10	WG	Oxidation reduction potential	223.2	mV	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Oxidation reduction potential	236.5	mV	CAPA-10-6784
PCI-2	8851	512	09/04/09	WG	Oxidation reduction potential	171.3	mV	CAPA-09-12259
PCI-2	8851	512	06/11/09	WG	Oxidation reduction potential	239.4	mV	CAPA-09-9615
PCI-2	8851	512	03/01/10	WG	pH	6.57	SU	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	pH	6.58	SU	CAPA-10-6784

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCI-2	8851	512	09/04/09	WG	pH	6.79	SU	CAPA-09-12259
PCI-2	8851	512	06/11/09	WG	pH	7.04	SU	CAPA-09-9615
PCI-2	8851	512	03/01/10	WG	Specific conductance	109	µS/cm	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Specific conductance	113	µS/cm	CAPA-10-6784
PCI-2	8851	512	09/04/09	WG	Specific conductance	87	µS/cm	CAPA-09-12259
PCI-2	8851	512	06/11/09	WG	Specific conductance	93	µS/cm	CAPA-09-9615
PCI-2	8851	512	03/01/10	WG	Temperature	11.43	deg C	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Temperature	12.77	deg C	CAPA-10-6784
PCI-2	8851	512	09/04/09	WG	Temperature	13.45	deg C	CAPA-09-12259
PCI-2	8851	512	06/11/09	WG	Temperature	13.64	deg C	CAPA-09-9615
PCI-2	8851	512	03/01/10	WG	Turbidity	0.85	NTU	CAPA-10-12892
PCI-2	8851	512	12/14/09	WG	Turbidity	3.34	NTU	CAPA-10-6784
PCI-2	8851	512	09/04/09	WG	Turbidity	3.93	NTU	CAPA-09-12259
PCI-2	8851	512	06/11/09	WG	Turbidity	14.3	NTU	CAPA-09-9615
R-17	7031	1057	03/08/10	WG	Dissolved oxygen	7.32	mg/L	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Dissolved oxygen	5.91	mg/L	CAPA-10-6173
R-17	7031	1057	09/11/09	WG	Dissolved oxygen	5.68	mg/L	CAPA-09-12163
R-17	7031	1057	05/27/09	WG	Dissolved oxygen	5.9	mg/L	CAPA-09-9369
R-17	7031	1057	03/02/09	WG	Dissolved oxygen	3.71	mg/L	CAPA-09-4307
R-17	7031	1057	03/08/10	WG	Oxidation reduction potential	251.7	mV	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Oxidation reduction potential	403.2	mV	CAPA-10-6173
R-17	7031	1057	09/11/09	WG	Oxidation reduction potential	145.5	mV	CAPA-09-12163
R-17	7031	1057	05/27/09	WG	Oxidation reduction potential	225.1	mV	CAPA-09-9369
R-17	7031	1057	03/02/09	WG	Oxidation reduction potential	370.5	mV	CAPA-09-4307
R-17	7031	1057	03/08/10	WG	pH	7.94	SU	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	pH	7.57	SU	CAPA-10-6173
R-17	7031	1057	09/11/09	WG	pH	7.67	SU	CAPA-09-12163
R-17	7031	1057	05/27/09	WG	pH	7.62	SU	CAPA-09-9369

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-17	7031	1057	03/02/09	WG	pH	7.81	SU	CAPA-09-4307
R-17	7031	1057	03/08/10	WG	Specific conductance	129	µS/cm	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Specific conductance	127	µS/cm	CAPA-10-6173
R-17	7031	1057	09/11/09	WG	Specific conductance	130	µS/cm	CAPA-09-12163
R-17	7031	1057	05/27/09	WG	Specific conductance	109	µS/cm	CAPA-09-9369
R-17	7031	1057	03/02/09	WG	Specific conductance	116	µS/cm	CAPA-09-4307
R-17	7031	1057	03/08/10	WG	Temperature	18.97	deg C	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Temperature	18.52	deg C	CAPA-10-6173
R-17	7031	1057	09/11/09	WG	Temperature	21.86	deg C	CAPA-09-12163
R-17	7031	1057	05/27/09	WG	Temperature	20.91	deg C	CAPA-09-9369
R-17	7031	1057	03/02/09	WG	Temperature	21.23	deg C	CAPA-09-4307
R-17	7031	1057	03/08/10	WG	Turbidity	1.51	NTU	CAPA-10-12798
R-17	7031	1057	12/16/09	WG	Turbidity	1.24	NTU	CAPA-10-6173
R-17	7031	1057	09/11/09	WG	Turbidity	1.08	NTU	CAPA-09-12163
R-17	7031	1057	05/27/09	WG	Turbidity	1.27	NTU	CAPA-09-9369
R-17	7031	1057	03/02/09	WG	Turbidity	1.27	NTU	CAPA-09-4307
R-17	7041	1124	03/08/10	WG	Dissolved oxygen	6.6	mg/L	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Dissolved oxygen	6.28	mg/L	CAPA-10-6175
R-17	7041	1124	09/11/09	WG	Dissolved oxygen	5	mg/L	CAPA-09-12166
R-17	7041	1124	05/27/09	WG	Dissolved oxygen	5.76	mg/L	CAPA-09-9370
R-17	7041	1124	03/02/09	WG	Dissolved oxygen	3.54	mg/L	CAPA-09-4310
R-17	7041	1124	03/08/10	WG	Oxidation reduction potential	232.5	mV	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Oxidation reduction potential	166.5	mV	CAPA-10-6175
R-17	7041	1124	09/11/09	WG	Oxidation reduction potential	328.2	mV	CAPA-09-12166
R-17	7041	1124	05/27/09	WG	Oxidation reduction potential	237.2	mV	CAPA-09-9370
R-17	7041	1124	03/02/09	WG	Oxidation reduction potential	274.1	mV	CAPA-09-4310
R-17	7041	1124	03/08/10	WG	pH	7.98	SU	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	pH	7.65	SU	CAPA-10-6175

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-17	7041	1124	09/11/09	WG	pH	7.67	SU	CAPA-09-12166
R-17	7041	1124	05/27/09	WG	pH	7.62	SU	CAPA-09-9370
R-17	7041	1124	03/02/09	WG	pH	7.86	SU	CAPA-09-4310
R-17	7041	1124	03/08/10	WG	Specific conductance	120	µS/cm	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Specific conductance	119	µS/cm	CAPA-10-6175
R-17	7041	1124	09/11/09	WG	Specific conductance	121	µS/cm	CAPA-09-12166
R-17	7041	1124	05/27/09	WG	Specific conductance	102	µS/cm	CAPA-09-9370
R-17	7041	1124	03/02/09	WG	Specific conductance	108	µS/cm	CAPA-09-4310
R-17	7041	1124	03/08/10	WG	Temperature	19.23	deg C	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Temperature	21.11	deg C	CAPA-10-6175
R-17	7041	1124	09/11/09	WG	Temperature	21.83	deg C	CAPA-09-12166
R-17	7041	1124	05/27/09	WG	Temperature	21.4	deg C	CAPA-09-9370
R-17	7041	1124	03/02/09	WG	Temperature	21.33	deg C	CAPA-09-4310
R-17	7041	1124	03/08/10	WG	Turbidity	0.44	NTU	CAPA-10-12801
R-17	7041	1124	12/16/09	WG	Turbidity	0.39	NTU	CAPA-10-6175
R-17	7041	1124	09/11/09	WG	Turbidity	0.39	NTU	CAPA-09-12166
R-17	7041	1124	05/27/09	WG	Turbidity	0.46	NTU	CAPA-09-9370
R-17	7041	1124	03/02/09	WG	Turbidity	0.45	NTU	CAPA-09-4310
R-18	5861	1358	03/11/10	WG	Dissolved oxygen	9.31	mg/L	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Dissolved oxygen	4.53	mg/L	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Dissolved oxygen	5.53	mg/L	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Dissolved oxygen	5.32	mg/L	CAPA-09-4348
R-18	5861	1358	12/11/08	WG	Dissolved oxygen	5.31	mg/L	CAPA-09-1208
R-18	5861	1358	03/11/10	WG	Oxidation reduction potential	275.8	mV	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Oxidation reduction potential	404.4	mV	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Oxidation reduction potential	298.5	mV	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Oxidation reduction potential	146.5	mV	CAPA-09-4348
R-18	5861	1358	12/11/08	WG	Oxidation reduction potential	545	mV	CAPA-09-1208

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-18	5861	1358	03/11/10	WG	pH	7.59	SU	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	pH	7.49	SU	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	pH	7.53	SU	CAPA-09-9404
R-18	5861	1358	03/11/10	WG	Specific conductance	117	µS/cm	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Specific conductance	110	µS/cm	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Specific conductance	105	µS/cm	CAPA-09-9404
R-18	5861	1358	03/11/10	WG	Temperature	14.35	deg C	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Temperature	17.29	deg C	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Temperature	16.05	deg C	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Temperature	15.62	deg C	CAPA-09-4348
R-18	5861	1358	12/11/08	WG	Temperature	16.07	deg C	CAPA-09-1208
R-18	5861	1358	03/11/10	WG	Turbidity	0.81	NTU	CAPA-10-12807
R-18	5861	1358	09/14/09	WG	Turbidity	0.32	NTU	CAPA-09-12168
R-18	5861	1358	05/28/09	WG	Turbidity	0.35	NTU	CAPA-09-9404
R-18	5861	1358	03/12/09	WG	Turbidity	0.06	NTU	CAPA-09-4348
R-18	5861	1358	12/11/08	WG	Turbidity	0.77	NTU	CAPA-09-1208
R-19	232	909.3	02/25/10	WG	Dissolved oxygen	5.12	mg/L	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	Dissolved oxygen	6.85	mg/L	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Dissolved oxygen	3.55	mg/L	CAPA-09-12155
R-19	232	909.3	03/10/09	WG	Dissolved oxygen	6.42	mg/L	CAPA-09-4289
R-19	232	909.3	12/03/08	WG	Dissolved oxygen	4.12	mg/L	CAPA-09-1185
R-19	232	909.3	02/25/10	WG	pH	7.76	SU	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	pH	7.91	SU	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	pH	8.36	SU	CAPA-09-12155
R-19	232	909.3	02/25/10	WG	Specific conductance	164	µS/cm	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	Specific conductance	167	µS/cm	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Specific conductance	164	µS/cm	CAPA-09-12155
R-19	232	909.3	02/25/10	WG	Temperature	12.8	deg C	CAPA-10-12794

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	232	909.3	12/03/09	WG	Temperature	12.67	deg C	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Temperature	22.83	deg C	CAPA-09-12155
R-19	232	909.3	03/10/09	WG	Temperature	16.54	deg C	CAPA-09-4289
R-19	232	909.3	12/03/08	WG	Temperature	15.7	deg C	CAPA-09-1185
R-19	232	909.3	02/25/10	WG	Turbidity	0.95	NTU	CAPA-10-12794
R-19	232	909.3	12/03/09	WG	Turbidity	1.14	NTU	CAPA-10-6108
R-19	232	909.3	09/10/09	WG	Turbidity	2.05	NTU	CAPA-09-12155
R-19	232	909.3	03/10/09	WG	Turbidity	1	NTU	CAPA-09-4289
R-19	232	909.3	12/03/08	WG	Turbidity	0.31	NTU	CAPA-09-1185
R-19	282	1190.7	02/26/10	WG	Dissolved oxygen	3.91	mg/L	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Dissolved oxygen	5.5	mg/L	CAPA-10-6273
R-19	282	1190.7	09/14/09	WG	Dissolved oxygen	6.97	mg/L	CAPA-09-12175
R-19	282	1190.7	03/09/09	WG	Dissolved oxygen	5.28	mg/L	CAPA-09-4314
R-19	282	1190.7	12/10/08	WG	Dissolved oxygen	5.37	mg/L	CAPA-09-1217
R-19	282	1190.7	02/26/10	WG	pH	7.74	SU	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	pH	7.74	SU	CAPA-10-6273
R-19	282	1190.7	09/14/09	WG	pH	7.74	SU	CAPA-09-12175
R-19	282	1190.7	02/26/10	WG	Specific conductance	129	µS/cm	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Specific conductance	108	µS/cm	CAPA-10-6273
R-19	282	1190.7	09/14/09	WG	Specific conductance	125	µS/cm	CAPA-09-12175
R-19	282	1190.7	02/26/10	WG	Temperature	18.37	deg C	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Temperature	16.07	deg C	CAPA-10-6273
R-19	282	1190.7	09/14/09	WG	Temperature	22.8	deg C	CAPA-09-12175
R-19	282	1190.7	03/09/09	WG	Temperature	16.32	deg C	CAPA-09-4314
R-19	282	1190.7	12/10/08	WG	Temperature	17.3	deg C	CAPA-09-1217
R-19	282	1190.7	02/26/10	WG	Turbidity	1.53	NTU	CAPA-10-12810
R-19	282	1190.7	12/02/09	WG	Turbidity	0.84	NTU	CAPA-10-6273
R-19	282	1190.7	09/14/09	WG	Turbidity	0.4	NTU	CAPA-09-12175

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	282	1190.7	03/09/09	WG	Turbidity	1.3	NTU	CAPA-09-4314
R-19	282	1190.7	12/10/08	WG	Turbidity	0.74	NTU	CAPA-09-1217
R-19	352	1412.9	02/26/10	WG	Dissolved oxygen	9.02	mg/L	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Dissolved oxygen	9.12	mg/L	CAPA-10-6345
R-19	352	1412.9	09/16/09	WG	Dissolved oxygen	8.07	mg/L	CAPA-09-12181
R-19	352	1412.9	03/04/09	WG	Dissolved oxygen	7.27	mg/L	CAPA-09-4317
R-19	352	1412.9	12/03/08	WG	Dissolved oxygen	4.52	mg/L	CAPA-09-1220
R-19	352	1412.9	02/26/10	WG	pH	7.52	SU	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	pH	7.66	SU	CAPA-10-6345
R-19	352	1412.9	09/16/09	WG	pH	7.79	SU	CAPA-09-12181
R-19	352	1412.9	03/04/09	WG	pH	7.83	SU	CAPA-09-4317
R-19	352	1412.9	02/26/10	WG	Specific conductance	109	µS/cm	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Specific conductance	95	µS/cm	CAPA-10-6345
R-19	352	1412.9	09/16/09	WG	Specific conductance	100	µS/cm	CAPA-09-12181
R-19	352	1412.9	03/04/09	WG	Specific conductance	102	µS/cm	CAPA-09-4317
R-19	352	1412.9	02/26/10	WG	Temperature	18.53	deg C	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Temperature	13.65	deg C	CAPA-10-6345
R-19	352	1412.9	09/16/09	WG	Temperature	18.57	deg C	CAPA-09-12181
R-19	352	1412.9	03/04/09	WG	Temperature	19.94	deg C	CAPA-09-4317
R-19	352	1412.9	12/03/08	WG	Temperature	18.5	deg C	CAPA-09-1220
R-19	352	1412.9	02/26/10	WG	Turbidity	1.07	NTU	CAPA-10-12812
R-19	352	1412.9	12/02/09	WG	Turbidity	0.92	NTU	CAPA-10-6345
R-19	352	1412.9	09/16/09	WG	Turbidity	1.3	NTU	CAPA-09-12181
R-19	352	1412.9	03/04/09	WG	Turbidity	2	NTU	CAPA-09-4317
R-19	352	1412.9	12/03/08	WG	Turbidity	0.45	NTU	CAPA-09-1220
R-19	402	1586.1	03/05/10	WG	Dissolved oxygen	4.22	mg/L	CAPA-10-12841
R-19	402	1586.1	12/02/09	WG	Dissolved oxygen	7.27	mg/L	CAPA-10-6387
R-19	402	1586.1	09/18/09	WG	Dissolved oxygen	7.01	mg/L	CAPA-09-12185

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	402	1586.1	05/28/09	WG	Dissolved oxygen	4.11	mg/L	CAPA-09-9382
R-19	402	1586.1	03/05/09	WG	Dissolved oxygen	2.55	mg/L	CAPA-09-4321
R-19	402	1586.1	03/05/10	WG	pH	7.25	SU	CAPA-10-12841
R-19	402	1586.1	12/02/09	WG	pH	7.33	SU	CAPA-10-6387
R-19	402	1586.1	09/18/09	WG	pH	6.94	SU	CAPA-09-12185
R-19	402	1586.1	05/28/09	WG	pH	8.16	SU	CAPA-09-9382
R-19	402	1586.1	03/05/09	WG	pH	6.82	SU	CAPA-09-4321
R-19	402	1586.1	03/05/10	WG	Specific conductance	214	µS/cm	CAPA-10-12841
R-19	402	1586.1	12/02/09	WG	Specific conductance	170	µS/cm	CAPA-10-6387
R-19	402	1586.1	09/18/09	WG	Specific conductance	198	µS/cm	CAPA-09-12185
R-19	402	1586.1	03/05/09	WG	Specific conductance	203	µS/cm	CAPA-09-4321
R-19	402	1586.1	12/08/08	WG	Specific conductance	43.3	µS/cm	CAPA-09-1245
R-19	402	1586.1	03/05/10	WG	Temperature	16.35	deg C	CAPA-10-12841
R-19	402	1586.1	12/02/09	WG	Temperature	11.22	deg C	CAPA-10-6387
R-19	402	1586.1	09/18/09	WG	Temperature	20.97	deg C	CAPA-09-12185
R-19	402	1586.1	05/28/09	WG	Temperature	20.56	deg C	CAPA-09-9382
R-19	402	1586.1	03/05/09	WG	Temperature	18.7	deg C	CAPA-09-4321
R-19	402	1586.1	03/05/10	WG	Turbidity	1.93	NTU	CAPA-10-12841
R-19	402	1586.1	12/02/09	WG	Turbidity	1.16	NTU	CAPA-10-6387
R-19	402	1586.1	09/18/09	WG	Turbidity	1.1	NTU	CAPA-09-12185
R-19	402	1586.1	05/28/09	WG	Turbidity	7.32	NTU	CAPA-09-9382
R-19	402	1586.1	03/05/09	WG	Turbidity	1.07	NTU	CAPA-09-4321
R-19	452	1730.1	03/03/10	WG	Dissolved oxygen	9.98	mg/L	CAPA-10-12842
R-19	452	1730.1	12/02/09	WG	Dissolved oxygen	6.44	mg/L	CAPA-10-6382
R-19	452	1730.1	09/18/09	WG	Dissolved oxygen	8.46	mg/L	CAPA-10-14120
R-19	452	1730.1	09/18/09	WG	Dissolved oxygen	8.46	mg/L	CAPA-09-12186
R-19	452	1730.1	05/28/09	WG	Dissolved oxygen	7.29	mg/L	CAPA-09-9383
R-19	452	1730.1	03/09/09	WG	Dissolved oxygen	8.22	mg/L	CAPA-09-4323

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	452	1730.1	03/03/10	WG	pH	7.08	SU	CAPA-10-12842
R-19	452	1730.1	12/02/09	WG	pH	7.49	SU	CAPA-10-6382
R-19	452	1730.1	09/18/09	WG	pH	6.8	SU	CAPA-10-14120
R-19	452	1730.1	09/18/09	WG	pH	6.8	SU	CAPA-09-12186
R-19	452	1730.1	05/28/09	WG	pH	8.53	SU	CAPA-09-9383
R-19	452	1730.1	03/09/09	WG	pH	7.22	SU	CAPA-09-4323
R-19	452	1730.1	03/03/10	WG	Specific conductance	81	µS/cm	CAPA-10-12842
R-19	452	1730.1	12/02/09	WG	Specific conductance	84	µS/cm	CAPA-10-6382
R-19	452	1730.1	09/18/09	WG	Specific conductance	98	µS/cm	CAPA-10-14120
R-19	452	1730.1	09/18/09	WG	Specific conductance	98	µS/cm	CAPA-09-12186
R-19	452	1730.1	05/28/09	WG	Specific conductance	90	µS/cm	CAPA-09-9383
R-19	452	1730.1	03/09/09	WG	Specific conductance	96	µS/cm	CAPA-09-4323
R-19	452	1730.1	03/03/10	WG	Temperature	19.12	deg C	CAPA-10-12842
R-19	452	1730.1	12/02/09	WG	Temperature	14.44	deg C	CAPA-10-6382
R-19	452	1730.1	09/18/09	WG	Temperature	22.12	deg C	CAPA-09-12186
R-19	452	1730.1	09/18/09	WG	Temperature	22.12	deg C	CAPA-10-14120
R-19	452	1730.1	05/28/09	WG	Temperature	20.2	deg C	CAPA-09-9383
R-19	452	1730.1	03/09/09	WG	Temperature	16.98	deg C	CAPA-09-4323
R-19	452	1730.1	03/03/10	WG	Turbidity	1.4	NTU	CAPA-10-12842
R-19	452	1730.1	12/02/09	WG	Turbidity	0.77	NTU	CAPA-10-6382
R-19	452	1730.1	09/18/09	WG	Turbidity	0.6	NTU	CAPA-09-12186
R-19	452	1730.1	09/18/09	WG	Turbidity	0.6	NTU	CAPA-10-14120
R-19	452	1730.1	05/28/09	WG	Turbidity	2.22	NTU	CAPA-09-9383
R-19	452	1730.1	03/09/09	WG	Turbidity	3.8	NTU	CAPA-09-4323
R-19	502	1834.7	03/05/10	WG	Dissolved oxygen	9.3	mg/L	CAPA-10-12844
R-19	502	1834.7	12/02/09	WG	Dissolved oxygen	6.98	mg/L	CAPA-10-6384
R-19	502	1834.7	09/18/09	WG	Dissolved oxygen	7.7	mg/L	CAPA-09-12466
R-19	502	1834.7	05/28/09	WG	Dissolved oxygen	6.36	mg/L	CAPA-09-9386

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	502	1834.7	03/11/09	WG	Dissolved oxygen	7.6	mg/L	CAPA-09-4326
R-19	502	1834.7	03/05/10	WG	pH	7.37	SU	CAPA-10-12844
R-19	502	1834.7	12/02/09	WG	pH	7.6	SU	CAPA-10-6384
R-19	502	1834.7	09/18/09	WG	pH	7.31	SU	CAPA-09-12466
R-19	502	1834.7	05/28/09	WG	pH	8.39	SU	CAPA-09-9386
R-19	502	1834.7	03/11/09	WG	pH	7.1	SU	CAPA-09-4326
R-19	502	1834.7	03/05/10	WG	Specific conductance	248	µS/cm	CAPA-10-12844
R-19	502	1834.7	12/02/09	WG	Specific conductance	222	µS/cm	CAPA-10-6384
R-19	502	1834.7	09/18/09	WG	Specific conductance	227	µS/cm	CAPA-09-12466
R-19	502	1834.7	05/28/09	WG	Specific conductance	225	µS/cm	CAPA-09-9386
R-19	502	1834.7	03/11/09	WG	Specific conductance	227	µS/cm	CAPA-09-4326
R-19	502	1834.7	03/05/10	WG	Temperature	17.26	deg C	CAPA-10-12844
R-19	502	1834.7	12/02/09	WG	Temperature	12.37	deg C	CAPA-10-6384
R-19	502	1834.7	09/18/09	WG	Temperature	21.69	deg C	CAPA-09-12466
R-19	502	1834.7	05/28/09	WG	Temperature	19.51	deg C	CAPA-09-9386
R-19	502	1834.7	03/11/09	WG	Temperature	16.83	deg C	CAPA-09-4326
R-19	502	1834.7	03/05/10	WG	Turbidity	16.2	NTU	CAPA-10-12844
R-19	502	1834.7	12/02/09	WG	Turbidity	5.4	NTU	CAPA-10-6384
R-19	502	1834.7	05/28/09	WG	Turbidity	13.2	NTU	CAPA-09-9386
R-19	502	1834.7	03/11/09	WG	Turbidity	24.6	NTU	CAPA-09-4326
R-19	502	1834.7	12/08/08	WG	Turbidity	12.8	NTU	CAPA-09-1250
R-20	8441	904.6	03/13/10	WG	Dissolved oxygen	1.82	mg/L	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Dissolved oxygen	2.45	mg/L	CAPA-10-6373
R-20	8441	904.6	09/02/09	WG	Dissolved oxygen	2.47	mg/L	CAPA-09-12263
R-20	8441	904.6	06/02/09	WG	Dissolved oxygen	1.96	mg/L	CAPA-09-9410
R-20	8441	904.6	03/10/09	WG	Dissolved oxygen	1.01	mg/L	CAPA-09-4370
R-20	8441	904.6	03/10/09	WG	Dissolved oxygen	1.01	mg/L	CAPA-09-14363
R-20	8441	904.6	03/13/10	WG	Oxidation reduction potential	–66	mV	CAPA-10-12817

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-20	8441	904.6	12/01/09	WG	Oxidation reduction potential	–40.9	mV	CAPA-10-6373
R-20	8441	904.6	09/02/09	WG	Oxidation reduction potential	23	mV	CAPA-09-12263
R-20	8441	904.6	06/02/09	WG	Oxidation reduction potential	–83.6	mV	CAPA-09-9410
R-20	8441	904.6	03/10/09	WG	Oxidation reduction potential	151	mV	CAPA-09-4370
R-20	8441	904.6	03/10/09	WG	Oxidation reduction potential	151	mV	CAPA-09-14363
R-20	8441	904.6	03/13/10	WG	pH	8.43	SU	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	pH	8.2	SU	CAPA-10-6373
R-20	8441	904.6	09/02/09	WG	pH	7.73	SU	CAPA-09-12263
R-20	8441	904.6	06/02/09	WG	pH	8.39	SU	CAPA-09-9410
R-20	8441	904.6	03/10/09	WG	pH	8.6	SU	CAPA-09-14363
R-20	8441	904.6	03/10/09	WG	pH	8.6	SU	CAPA-09-4370
R-20	8441	904.6	03/13/10	WG	Specific conductance	136	µS/cm	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Specific conductance	142	µS/cm	CAPA-10-6373
R-20	8441	904.6	09/02/09	WG	Specific conductance	131	µS/cm	CAPA-09-12263
R-20	8441	904.6	06/02/09	WG	Specific conductance	141	µS/cm	CAPA-09-9410
R-20	8441	904.6	03/10/09	WG	Specific conductance	146	µS/cm	CAPA-09-14363
R-20	8441	904.6	03/10/09	WG	Specific conductance	146	µS/cm	CAPA-09-4370
R-20	8441	904.6	03/13/10	WG	Temperature	18.2	deg C	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Temperature	17.89	deg C	CAPA-10-6373
R-20	8441	904.6	09/02/09	WG	Temperature	18.4	deg C	CAPA-09-12263
R-20	8441	904.6	06/02/09	WG	Temperature	18.18	deg C	CAPA-09-9410
R-20	8441	904.6	03/10/09	WG	Temperature	17.64	deg C	CAPA-09-14363
R-20	8441	904.6	03/10/09	WG	Temperature	17.64	deg C	CAPA-09-4370
R-20	8441	904.6	03/13/10	WG	Turbidity	1.32	NTU	CAPA-10-12817
R-20	8441	904.6	12/01/09	WG	Turbidity	0.73	NTU	CAPA-10-6373
R-20	8441	904.6	09/02/09	WG	Turbidity	0.76	NTU	CAPA-09-12263
R-20	8441	904.6	06/02/09	WG	Turbidity	0.73	NTU	CAPA-09-9410
R-20	8441	904.6	03/10/09	WG	Turbidity	0.77	NTU	CAPA-09-4370

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-20	8441	904.6	03/10/09	WG	Turbidity	0.77	NTU	CAPA-09-14363
R-20	8451	1147.1	02/24/10	WG	Dissolved oxygen	2.68	mg/L	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Dissolved oxygen	1.4	mg/L	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Dissolved oxygen	1.96	mg/L	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Dissolved oxygen	1.96	mg/L	CAPA-10-6861
R-20	8451	1147.1	12/02/09	WG	Dissolved oxygen	1.41	mg/L	CAPA-10-6859
R-20	8451	1147.1	09/03/09	WG	Dissolved oxygen	1.07	mg/L	CAPA-09-12265
R-20	8451	1147.1	02/24/10	WG	Oxidation reduction potential	–22.5	mV	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Oxidation reduction potential	–114.9	mV	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Oxidation reduction potential	–118	mV	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Oxidation reduction potential	–118	mV	CAPA-10-6861
R-20	8451	1147.1	12/02/09	WG	Oxidation reduction potential	–125	mV	CAPA-10-6859
R-20	8451	1147.1	09/03/09	WG	Oxidation reduction potential	–142.8	mV	CAPA-09-12265
R-20	8451	1147.1	02/24/10	WG	pH	7.51	SU	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	pH	7.59	SU	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	pH	7.61	SU	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	pH	7.61	SU	CAPA-10-6861
R-20	8451	1147.1	12/02/09	WG	pH	7.6	SU	CAPA-10-6859
R-20	8451	1147.1	09/03/09	WG	pH	7.39	SU	CAPA-09-12265
R-20	8451	1147.1	02/24/10	WG	Specific conductance	153	µS/cm	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Specific conductance	157	µS/cm	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Specific conductance	158	µS/cm	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Specific conductance	158	µS/cm	CAPA-10-6861
R-20	8451	1147.1	12/02/09	WG	Specific conductance	163	µS/cm	CAPA-10-6859
R-20	8451	1147.1	09/03/09	WG	Specific conductance	145	µS/cm	CAPA-09-12265
R-20	8451	1147.1	02/24/10	WG	Temperature	13.02	deg C	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Temperature	18.65	deg C	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Temperature	18.13	deg C	CAPA-10-6860

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-20	8451	1147.1	12/02/09	WG	Temperature	18.13	deg C	CAPA-10-6861
R-20	8451	1147.1	12/02/09	WG	Temperature	17.25	deg C	CAPA-10-6859
R-20	8451	1147.1	09/03/09	WG	Temperature	20.48	deg C	CAPA-09-12265
R-20	8451	1147.1	02/24/10	WG	Turbidity	3.15	NTU	CAPA-10-12823
R-20	8451	1147.1	12/02/09	WG	Turbidity	0.6	NTU	CAPA-10-6855
R-20	8451	1147.1	12/02/09	WG	Turbidity	1.13	NTU	CAPA-10-6860
R-20	8451	1147.1	12/02/09	WG	Turbidity	1.13	NTU	CAPA-10-6861
R-20	8451	1147.1	12/02/09	WG	Turbidity	1.89	NTU	CAPA-10-6859
R-20	8451	1147.1	09/03/09	WG	Turbidity	1.59	NTU	CAPA-09-12265
R-21	1761	888.8	03/12/10	WG	Dissolved oxygen	4.97	mg/L	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Dissolved oxygen	5.1	mg/L	CAPA-10-6381
R-21	1761	888.8	08/18/09	WG	Dissolved oxygen	5.45	mg/L	CAMO-09-9908
R-21	1761	888.8	05/11/09	WG	Dissolved oxygen	5.53	mg/L	CAMO-09-8186
R-21	1761	888.8	02/18/09	WG	Dissolved oxygen	6.31	mg/L	CAMO-09-2631
R-21	1761	888.8	03/12/10	WG	Oxidation reduction potential	97.1	mV	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Oxidation reduction potential	110.6	mV	CAPA-10-6381
R-21	1761	888.8	08/18/09	WG	Oxidation reduction potential	123.9	mV	CAMO-09-9908
R-21	1761	888.8	05/11/09	WG	Oxidation reduction potential	143.4	mV	CAMO-09-8186
R-21	1761	888.8	02/18/09	WG	Oxidation reduction potential	130.7	mV	CAMO-09-2631
R-21	1761	888.8	03/12/10	WG	pH	7.56	SU	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	pH	7.7	SU	CAPA-10-6381
R-21	1761	888.8	08/18/09	WG	pH	7.9	SU	CAMO-09-9908
R-21	1761	888.8	05/11/09	WG	pH	7.89	SU	CAMO-09-8186
R-21	1761	888.8	03/12/10	WG	Specific conductance	126	µS/cm	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Specific conductance	124	µS/cm	CAPA-10-6381
R-21	1761	888.8	08/18/09	WG	Specific conductance	142	µS/cm	CAMO-09-9908
R-21	1761	888.8	05/11/09	WG	Specific conductance	129	µS/cm	CAMO-09-8186
R-21	1761	888.8	03/12/10	WG	Temperature	20.34	deg C	CAPA-10-12829

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-21	1761	888.8	12/04/09	WG	Temperature	17.86	deg C	CAPA-10-6381
R-21	1761	888.8	08/18/09	WG	Temperature	24.78	deg C	CAMO-09-9908
R-21	1761	888.8	05/11/09	WG	Temperature	21.65	deg C	CAMO-09-8186
R-21	1761	888.8	02/18/09	WG	Temperature	20.41	deg C	CAMO-09-2631
R-21	1761	888.8	03/12/10	WG	Turbidity	0.2	NTU	CAPA-10-12829
R-21	1761	888.8	12/04/09	WG	Turbidity	0.15	NTU	CAPA-10-6381
R-21	1761	888.8	08/18/09	WG	Turbidity	0.77	NTU	CAMO-09-9908
R-21	1761	888.8	05/11/09	WG	Turbidity	0.19	NTU	CAMO-09-8186
R-21	1761	888.8	02/18/09	WG	Turbidity	0.82	NTU	CAMO-09-2631
R-23	1771	816	03/05/10	WG	Dissolved oxygen	6.34	mg/L	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Dissolved oxygen	6.32	mg/L	CAPA-10-6347
R-23	1771	816	09/03/09	WG	Dissolved oxygen	7.39	mg/L	CAPA-09-12270
R-23	1771	816	06/04/09	WG	Dissolved oxygen	8.6	mg/L	CAPA-09-9417
R-23	1771	816	02/25/09	WG	Dissolved oxygen	8.41	mg/L	CAPA-09-4365
R-23	1771	816	03/05/10	WG	Oxidation reduction potential	351.9	mV	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Oxidation reduction potential	245.4	mV	CAPA-10-6347
R-23	1771	816	09/03/09	WG	Oxidation reduction potential	94.1	mV	CAPA-09-12270
R-23	1771	816	06/04/09	WG	Oxidation reduction potential	165	mV	CAPA-09-9417
R-23	1771	816	02/25/09	WG	Oxidation reduction potential	218.4	mV	CAPA-09-4365
R-23	1771	816	03/05/10	WG	pH	7.79	SU	CAPA-10-12833
R-23	1771	816	12/09/09	WG	pH	7.46	SU	CAPA-10-6347
R-23	1771	816	09/03/09	WG	pH	7.66	SU	CAPA-09-12270
R-23	1771	816	06/04/09	WG	pH	7.75	SU	CAPA-09-9417
R-23	1771	816	02/25/09	WG	pH	7.93	SU	CAPA-09-4365
R-23	1771	816	03/05/10	WG	Specific conductance	174	µS/cm	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Specific conductance	176	µS/cm	CAPA-10-6347
R-23	1771	816	09/03/09	WG	Specific conductance	170	µS/cm	CAPA-09-12270
R-23	1771	816	06/04/09	WG	Specific conductance	164	µS/cm	CAPA-09-9417

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23	1771	816	02/25/09	WG	Specific conductance	170	µS/cm	CAPA-09-4365
R-23	1771	816	03/05/10	WG	Temperature	20.29	deg C	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Temperature	16.19	deg C	CAPA-10-6347
R-23	1771	816	09/03/09	WG	Temperature	21.61	deg C	CAPA-09-12270
R-23	1771	816	06/04/09	WG	Temperature	20.96	deg C	CAPA-09-9417
R-23	1771	816	02/25/09	WG	Temperature	20.4	deg C	CAPA-09-4365
R-23	1771	816	03/05/10	WG	Turbidity	1.83	NTU	CAPA-10-12833
R-23	1771	816	12/09/09	WG	Turbidity	0.76	NTU	CAPA-10-6347
R-23	1771	816	09/03/09	WG	Turbidity	0.27	NTU	CAPA-09-12270
R-23	1771	816	06/04/09	WG	Turbidity	1.49	NTU	CAPA-09-9417
R-23	1771	816	02/25/09	WG	Turbidity	4.18	NTU	CAPA-09-4365
R-23i	7001	400.3	03/10/10	WG	Dissolved oxygen	8.23	mg/L	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Dissolved oxygen	6.9	mg/L	CAPA-10-6787
R-23i	7001	400.3	09/10/09	WG	Dissolved oxygen	6.23	mg/L	CAPA-09-12239
R-23i	7001	400.3	06/09/09	WG	Dissolved oxygen	6.3	mg/L	CAPA-09-9457
R-23i	7001	400.3	03/03/09	WG	Dissolved oxygen	4.26	mg/L	CAPA-09-4355
R-23i	7001	400.3	03/10/10	WG	Oxidation reduction potential	300.6	mV	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Oxidation reduction potential	294.5	mV	CAPA-10-6787
R-23i	7001	400.3	09/10/09	WG	Oxidation reduction potential	427.8	mV	CAPA-09-12239
R-23i	7001	400.3	06/09/09	WG	Oxidation reduction potential	383.5	mV	CAPA-09-9457
R-23i	7001	400.3	03/03/09	WG	Oxidation reduction potential	257.7	mV	CAPA-09-4355
R-23i	7001	400.3	03/10/10	WG	pH	7.68	SU	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	pH	6.57	SU	CAPA-10-6787
R-23i	7001	400.3	09/10/09	WG	pH	7.09	SU	CAPA-09-12239
R-23i	7001	400.3	06/09/09	WG	pH	7.34	SU	CAPA-09-9457
R-23i	7001	400.3	03/10/10	WG	Specific conductance	293	µS/cm	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Specific conductance	261	µS/cm	CAPA-10-6787
R-23i	7001	400.3	09/10/09	WG	Specific conductance	280	µS/cm	CAPA-09-12239

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23i	7001	400.3	06/09/09	WG	Specific conductance	296	µS/cm	CAPA-09-9457
R-23i	7001	400.3	03/10/10	WG	Temperature	9.54	deg C	CAPA-10-12894
R-23i	7001	400.3	12/03/09	WG	Temperature	9.44	deg C	CAPA-10-6787
R-23i	7001	400.3	09/10/09	WG	Temperature	16.56	deg C	CAPA-09-12239
R-23i	7001	400.3	06/09/09	WG	Temperature	17.8	deg C	CAPA-09-9457
R-23i	7001	400.3	03/03/09	WG	Temperature	17.35	deg C	CAPA-09-4355
R-23i	7011	470.2	03/09/10	WG	Dissolved oxygen	4.6	mg/L	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Dissolved oxygen	0.69	mg/L	CAPA-10-6151
R-23i	7011	470.2	09/08/09	WG	Dissolved oxygen	1.65	mg/L	CAPA-09-12244
R-23i	7011	470.2	06/04/09	WG	Dissolved oxygen	5.75	mg/L	CAPA-09-9354
R-23i	7011	470.2	02/24/09	WG	Dissolved oxygen	1.83	mg/L	CAPA-09-4295
R-23i	7011	470.2	03/09/10	WG	Oxidation reduction potential	104	mV	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Oxidation reduction potential	89.4	mV	CAPA-10-6151
R-23i	7011	470.2	09/08/09	WG	Oxidation reduction potential	668	mV	CAPA-09-12244
R-23i	7011	470.2	06/04/09	WG	Oxidation reduction potential	251.3	mV	CAPA-09-9354
R-23i	7011	470.2	02/24/09	WG	Oxidation reduction potential	256.2	mV	CAPA-09-4295
R-23i	7011	470.2	03/09/10	WG	pH	7.62	SU	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	pH	7.9	SU	CAPA-10-6151
R-23i	7011	470.2	09/08/09	WG	pH	8.06	SU	CAPA-09-12244
R-23i	7011	470.2	06/04/09	WG	pH	7.85	SU	CAPA-09-9354
R-23i	7011	470.2	03/09/10	WG	Specific conductance	215	µS/cm	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Specific conductance	163	µS/cm	CAPA-10-6151
R-23i	7011	470.2	09/08/09	WG	Specific conductance	190	µS/cm	CAPA-09-12244
R-23i	7011	470.2	06/04/09	WG	Specific conductance	181	µS/cm	CAPA-09-9354
R-23i	7011	470.2	03/09/10	WG	Temperature	15.24	deg C	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Temperature	15.7	deg C	CAPA-10-6151
R-23i	7011	470.2	09/08/09	WG	Temperature	15.85	deg C	CAPA-09-12244
R-23i	7011	470.2	06/04/09	WG	Temperature	15.93	deg C	CAPA-09-9354

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23i	7011	470.2	02/24/09	WG	Temperature	15.63	deg C	CAPA-09-4295
R-23i	7011	470.2	03/09/10	WG	Turbidity	1	NTU	CAPA-10-12899
R-23i	7011	470.2	12/02/09	WG	Turbidity	0.39	NTU	CAPA-10-6151
R-23i	7011	470.2	09/08/09	WG	Turbidity	0.46	NTU	CAPA-09-12244
R-23i	7011	470.2	06/04/09	WG	Turbidity	0.57	NTU	CAPA-09-9354
R-23i	7011	470.2	02/24/09	WG	Turbidity	0.32	NTU	CAPA-09-4295
R-23i	7021	524	03/08/10	WG	Dissolved oxygen	5.74	mg/L	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Dissolved oxygen	5.13	mg/L	CAPA-10-6863
R-23i	7021	524	12/01/09	WG	Dissolved oxygen	5.28	mg/L	CAPA-10-6869
R-23i	7021	524	12/01/09	WG	Dissolved oxygen	5.32	mg/L	CAPA-10-6867
R-23i	7021	524	09/09/09	WG	Dissolved oxygen	4.95	mg/L	CAPA-09-12246
R-23i	7021	524	03/08/10	WG	Oxidation reduction potential	124.9	mV	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Oxidation reduction potential	110.2	mV	CAPA-10-6863
R-23i	7021	524	12/01/09	WG	Oxidation reduction potential	131.9	mV	CAPA-10-6869
R-23i	7021	524	12/01/09	WG	Oxidation reduction potential	172.6	mV	CAPA-10-6867
R-23i	7021	524	09/09/09	WG	Oxidation reduction potential	137.3	mV	CAPA-09-12246
R-23i	7021	524	03/08/10	WG	pH	7.7	SU	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	pH	7.81	SU	CAPA-10-6863
R-23i	7021	524	12/01/09	WG	pH	7.81	SU	CAPA-10-6869
R-23i	7021	524	12/01/09	WG	pH	7.74	SU	CAPA-10-6867
R-23i	7021	524	09/09/09	WG	pH	7.78	SU	CAPA-09-12246
R-23i	7021	524	03/08/10	WG	Specific conductance	203	µS/cm	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Specific conductance	196	µS/cm	CAPA-10-6863
R-23i	7021	524	12/01/09	WG	Specific conductance	196	µS/cm	CAPA-10-6869
R-23i	7021	524	12/01/09	WG	Specific conductance	198	µS/cm	CAPA-10-6867
R-23i	7021	524	09/09/09	WG	Specific conductance	201	µS/cm	CAPA-09-12246
R-23i	7021	524	03/08/10	WG	Temperature	13.04	deg C	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Temperature	15.13	deg C	CAPA-10-6863

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23i	7021	524	12/01/09	WG	Temperature	12.94	deg C	CAPA-10-6869
R-23i	7021	524	12/01/09	WG	Temperature	14.77	deg C	CAPA-10-6867
R-23i	7021	524	09/09/09	WG	Temperature	19.21	deg C	CAPA-09-12246
R-23i	7021	524	03/08/10	WG	Turbidity	4	NTU	CAPA-10-12853
R-23i	7021	524	12/01/09	WG	Turbidity	0.38	NTU	CAPA-10-6863
R-23i	7021	524	12/01/09	WG	Turbidity	0.55	NTU	CAPA-10-6869
R-23i	7021	524	12/01/09	WG	Turbidity	0.77	NTU	CAPA-10-6867
R-23i	7021	524	09/09/09	WG	Turbidity	0.73	NTU	CAPA-09-12246
R-32	8421	867.5	03/09/10	WG	Dissolved oxygen	6.45	mg/L	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Dissolved oxygen	4.45	mg/L	CAPA-10-6377
R-32	8421	867.5	08/31/09	WG	Dissolved oxygen	4.42	mg/L	CAPA-09-12277
R-32	8421	867.5	06/08/09	WG	Dissolved oxygen	4.2	mg/L	CAPA-09-9418
R-32	8421	867.5	02/26/09	WG	Dissolved oxygen	3.93	mg/L	CAPA-09-4358
R-32	8421	867.5	03/09/10	WG	Oxidation reduction potential	103.1	mV	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Oxidation reduction potential	212.7	mV	CAPA-10-6377
R-32	8421	867.5	08/31/09	WG	Oxidation reduction potential	40.6	mV	CAPA-09-12277
R-32	8421	867.5	06/08/09	WG	Oxidation reduction potential	137.4	mV	CAPA-09-9418
R-32	8421	867.5	02/26/09	WG	Oxidation reduction potential	222	mV	CAPA-09-4358
R-32	8421	867.5	03/09/10	WG	pH	7.02	SU	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	pH	6.75	SU	CAPA-10-6377
R-32	8421	867.5	08/31/09	WG	pH	7.09	SU	CAPA-09-12277
R-32	8421	867.5	06/08/09	WG	pH	7.33	SU	CAPA-09-9418
R-32	8421	867.5	02/26/09	WG	pH	7.07	SU	CAPA-09-4358
R-32	8421	867.5	03/09/10	WG	Specific conductance	175	µS/cm	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Specific conductance	169	µS/cm	CAPA-10-6377
R-32	8421	867.5	08/31/09	WG	Specific conductance	322	µS/cm	CAPA-09-12277
R-32	8421	867.5	06/08/09	WG	Specific conductance	158	µS/cm	CAPA-09-9418
R-32	8421	867.5	02/26/09	WG	Specific conductance	149	µS/cm	CAPA-09-4358

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-32	8421	867.5	03/09/10	WG	Temperature	16.32	deg C	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Temperature	17.9	deg C	CAPA-10-6377
R-32	8421	867.5	08/31/09	WG	Temperature	19.59	deg C	CAPA-09-12277
R-32	8421	867.5	06/08/09	WG	Temperature	21.54	deg C	CAPA-09-9418
R-32	8421	867.5	02/26/09	WG	Temperature	18.93	deg C	CAPA-09-4358
R-32	8421	867.5	03/09/10	WG	Turbidity	1.24	NTU	CAPA-10-12839
R-32	8421	867.5	12/07/09	WG	Turbidity	1.21	NTU	CAPA-10-6377
R-32	8421	867.5	08/31/09	WG	Turbidity	1.13	NTU	CAPA-09-12277
R-32	8421	867.5	06/08/09	WG	Turbidity	1.42	NTU	CAPA-09-9418
R-32	8421	867.5	02/26/09	WG	Turbidity	1.61	NTU	CAPA-09-4358
R-37	8821	929.3	03/02/10	WG	Dissolved oxygen	1.5	mg/L	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Dissolved oxygen	3.43	mg/L	CAPA-10-6823
R-37	8821	929.3	11/18/09	WG	Dissolved oxygen	2.09	mg/L	CAMO-10-5356
R-37	8821	929.3	08/20/09	WG	Dissolved oxygen	2.65	mg/L	CAMO-09-9912
R-37	8821	929.3	07/13/09	WG	Dissolved oxygen	0.26	mg/L	CAMO-09-10532
R-37	8821	929.3	03/02/10	WG	Oxidation reduction potential	213.8	mV	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Oxidation reduction potential	171.4	mV	CAPA-10-6823
R-37	8821	929.3	11/18/09	WG	Oxidation reduction potential	112	mV	CAMO-10-5356
R-37	8821	929.3	08/20/09	WG	Oxidation reduction potential	67.9	mV	CAMO-09-9912
R-37	8821	929.3	03/02/10	WG	pH	7.81	SU	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	pH	7.5	SU	CAPA-10-6823
R-37	8821	929.3	11/18/09	WG	pH	7.81	SU	CAMO-10-5356
R-37	8821	929.3	08/20/09	WG	pH	7.8	SU	CAMO-09-9912
R-37	8821	929.3	07/13/09	WG	pH	8.06	SU	CAMO-09-10532
R-37	8821	929.3	03/02/10	WG	Specific conductance	243	µS/cm	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Specific conductance	229	µS/cm	CAPA-10-6823
R-37	8821	929.3	11/18/09	WG	Specific conductance	198	µS/cm	CAMO-10-5356
R-37	8821	929.3	08/20/09	WG	Specific conductance	233	µS/cm	CAMO-09-9912

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-37	8821	929.3	07/13/09	WG	Specific conductance	292	µS/cm	CAMO-09-10532
R-37	8821	929.3	03/02/10	WG	Temperature	16.77	deg C	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Temperature	17.1	deg C	CAPA-10-6823
R-37	8821	929.3	11/18/09	WG	Temperature	16.98	deg C	CAMO-10-5356
R-37	8821	929.3	08/20/09	WG	Temperature	18.5	deg C	CAMO-09-9912
R-37	8821	929.3	07/13/09	WG	Temperature	18.5	deg C	CAMO-09-10532
R-37	8821	929.3	03/02/10	WG	Turbidity	0.64	NTU	CAPA-10-12855
R-37	8821	929.3	12/18/09	WG	Turbidity	0.97	NTU	CAPA-10-6823
R-37	8821	929.3	11/18/09	WG	Turbidity	2.12	NTU	CAMO-10-5356
R-37	8821	929.3	08/20/09	WG	Turbidity	1.31	NTU	CAMO-09-9912
R-37	8821	929.3	07/13/09	WG	Turbidity	1	NTU	CAMO-09-10532
R-37	8811	1026	03/03/10	WG	Dissolved oxygen	7.28	mg/L	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Dissolved oxygen	5.39	mg/L	CAPA-10-6824
R-37	8811	1026	11/18/09	WG	Dissolved oxygen	5.59	mg/L	CAMO-10-5483
R-37	8811	1026	06/22/09	WG	Dissolved oxygen	1.01	mg/L	CAMO-09-10526
R-37	8811	1026	03/03/10	WG	Oxidation reduction potential	100.7	mV	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Oxidation reduction potential	271.5	mV	CAPA-10-6824
R-37	8811	1026	11/18/09	WG	Oxidation reduction potential	–66.5	mV	CAMO-10-5483
R-37	8811	1026	03/03/10	WG	pH	8.1	SU	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	pH	7.79	SU	CAPA-10-6824
R-37	8811	1026	11/18/09	WG	pH	8.01	SU	CAMO-10-5483
R-37	8811	1026	06/22/09	WG	pH	8.03	SU	CAMO-09-10526
R-37	8811	1026	03/03/10	WG	Specific conductance	164	µS/cm	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Specific conductance	215	µS/cm	CAPA-10-6824
R-37	8811	1026	11/18/09	WG	Specific conductance	163	µS/cm	CAMO-10-5483
R-37	8811	1026	06/22/09	WG	Specific conductance	197	µS/cm	CAMO-09-10526
R-37	8811	1026	03/03/10	WG	Temperature	20.36	deg C	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Temperature	21.05	deg C	CAPA-10-6824

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-37	8811	1026	11/18/09	WG	Temperature	21.38	deg C	CAMO-10-5483
R-37	8811	1026	06/22/09	WG	Temperature	20.2	deg C	CAMO-09-10526
R-37	8811	1026	03/03/10	WG	Turbidity	5.93	NTU	CAPA-10-13073
R-37	8811	1026	12/18/09	WG	Turbidity	2.2	NTU	CAPA-10-6824
R-37	8811	1026	11/18/09	WG	Turbidity	5.47	NTU	CAMO-10-5483
R-37	8811	1026	06/22/09	WG	Turbidity	1	NTU	CAMO-09-10526
R-38	8631	821.2	03/12/10	WG	Dissolved oxygen	6.55	mg/L	CAPA-10-13089
R-38	8631	821.2	03/12/10	WG	Dissolved oxygen	6.55	mg/L	CAPA-10-13087
R-38	8631	821.2	12/17/09	WG	Dissolved oxygen	6.47	mg/L	CAPA-10-6793
R-38	8631	821.2	08/21/09	WG	Dissolved oxygen	7.27	mg/L	CAMO-09-9566
R-38	8631	821.2	05/01/09	WG	Dissolved oxygen	6.9	mg/L	CAMO-09-8560
R-38	8631	821.2	05/01/09	WG	Dissolved oxygen	6.96	mg/L	CAMO-09-8224
R-38	8631	821.2	03/12/10	WG	Oxidation reduction potential	238.2	mV	CAPA-10-13089
R-38	8631	821.2	03/12/10	WG	Oxidation reduction potential	238.2	mV	CAPA-10-13087
R-38	8631	821.2	12/17/09	WG	Oxidation reduction potential	89.2	mV	CAPA-10-6793
R-38	8631	821.2	08/21/09	WG	Oxidation reduction potential	90.1	mV	CAMO-09-9566
R-38	8631	821.2	05/01/09	WG	Oxidation reduction potential	240.7	mV	CAMO-09-8560
R-38	8631	821.2	05/01/09	WG	Oxidation reduction potential	233	mV	CAMO-09-8224
R-38	8631	821.2	03/12/10	WG	pH	7.32	SU	CAPA-10-13089
R-38	8631	821.2	03/12/10	WG	pH	7.32	SU	CAPA-10-13087
R-38	8631	821.2	12/17/09	WG	pH	7.32	SU	CAPA-10-6793
R-38	8631	821.2	08/21/09	WG	pH	7.18	SU	CAMO-09-9566
R-38	8631	821.2	05/01/09	WG	pH	6.82	SU	CAMO-09-8560
R-38	8631	821.2	05/01/09	WG	pH	6.96	SU	CAMO-09-8224
R-38	8631	821.2	03/12/10	WG	Specific conductance	140	µS/cm	CAPA-10-13089
R-38	8631	821.2	03/12/10	WG	Specific conductance	140	µS/cm	CAPA-10-13087
R-38	8631	821.2	12/17/09	WG	Specific conductance	152	µS/cm	CAPA-10-6793
R-38	8631	821.2	08/21/09	WG	Specific conductance	244	µS/cm	CAMO-09-9566

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-38	8631	821.2	05/01/09	WG	Specific conductance	128	µS/cm	CAMO-09-8560
R-38	8631	821.2	05/01/09	WG	Specific conductance	128	µS/cm	CAMO-09-8224
R-38	8631	821.2	03/12/10	WG	Temperature	18.53	deg C	CAPA-10-13089
R-38	8631	821.2	03/12/10	WG	Temperature	18.53	deg C	CAPA-10-13087
R-38	8631	821.2	12/17/09	WG	Temperature	18.18	deg C	CAPA-10-6793
R-38	8631	821.2	08/21/09	WG	Temperature	19.09	deg C	CAMO-09-9566
R-38	8631	821.2	05/01/09	WG	Temperature	19.4	deg C	CAMO-09-8560
R-38	8631	821.2	05/01/09	WG	Temperature	19.27	deg C	CAMO-09-8224
R-38	8631	821.2	03/12/10	WG	Turbidity	2.13	NTU	CAPA-10-13089
R-38	8631	821.2	03/12/10	WG	Turbidity	2.13	NTU	CAPA-10-13087
R-38	8631	821.2	12/17/09	WG	Turbidity	1.29	NTU	CAPA-10-6793
R-38	8631	821.2	08/21/09	WG	Turbidity	2.51	NTU	CAMO-09-9566
R-38	8631	821.2	05/01/09	WG	Turbidity	1.29	NTU	CAMO-09-8560
R-38	8631	821.2	05/01/09	WG	Turbidity	2.26	NTU	CAMO-09-8224
R-39	8641	859	02/26/10	WG	Dissolved oxygen	5.52	mg/L	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Dissolved oxygen	4.92	mg/L	CAPA-10-6797
R-39	8641	859	09/02/09	WG	Dissolved oxygen	5.64	mg/L	CAPA-09-12281
R-39	8641	859	06/09/09	WG	Dissolved oxygen	6.02	mg/L	CAPA-09-9421
R-39	8641	859	03/12/09	WG	Dissolved oxygen	5.23	mg/L	CAPA-09-4423
R-39	8641	859	02/26/10	WG	Oxidation reduction potential	210.3	mV	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Oxidation reduction potential	78.6	mV	CAPA-10-6797
R-39	8641	859	09/02/09	WG	Oxidation reduction potential	103.5	mV	CAPA-09-12281
R-39	8641	859	06/09/09	WG	Oxidation reduction potential	89.1	mV	CAPA-09-9421
R-39	8641	859	03/12/09	WG	Oxidation reduction potential	146.6	mV	CAPA-09-4423
R-39	8641	859	02/26/10	WG	pH	7.95	SU	CAPA-10-12913
R-39	8641	859	12/09/09	WG	pH	7.73	SU	CAPA-10-6797
R-39	8641	859	09/02/09	WG	pH	7.67	SU	CAPA-09-12281
R-39	8641	859	06/09/09	WG	pH	7.76	SU	CAPA-09-9421

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-39	8641	859	02/26/10	WG	Specific conductance	142	µS/cm	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Specific conductance	145	µS/cm	CAPA-10-6797
R-39	8641	859	09/02/09	WG	Specific conductance	133	µS/cm	CAPA-09-12281
R-39	8641	859	06/09/09	WG	Specific conductance	133	µS/cm	CAPA-09-9421
R-39	8641	859	02/26/10	WG	Temperature	18.93	deg C	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Temperature	21.61	deg C	CAPA-10-6797
R-39	8641	859	09/02/09	WG	Temperature	22.8	deg C	CAPA-09-12281
R-39	8641	859	06/09/09	WG	Temperature	23.09	deg C	CAPA-09-9421
R-39	8641	859	03/12/09	WG	Temperature	21.97	deg C	CAPA-09-4423
R-39	8641	859	02/26/10	WG	Turbidity	2.89	NTU	CAPA-10-12913
R-39	8641	859	12/09/09	WG	Turbidity	6.02	NTU	CAPA-10-6797
R-39	8641	859	09/02/09	WG	Turbidity	2.58	NTU	CAPA-09-12281
R-39	8641	859	06/09/09	WG	Turbidity	2.61	NTU	CAPA-09-9421
R-39	8641	859	03/12/09	WG	Turbidity	4.47	NTU	CAPA-09-4423
R-40	8691	649.7	03/03/10	WG	Dissolved oxygen	1.38	mg/L	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Dissolved oxygen	1.45	mg/L	CAPA-10-6790
R-40	8691	649.7	08/31/09	WG	Dissolved oxygen	0.28	mg/L	CAPA-09-12253
R-40	8691	649.7	06/10/09	WG	Dissolved oxygen	0.5	mg/L	CAPA-09-9443
R-40	8691	649.7	01/28/09	WG	Dissolved oxygen	1.76	mg/L	CAPA-09-2797
R-40	8691	649.7	03/03/10	WG	Oxidation reduction potential	–119.8	mV	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Oxidation reduction potential	–158.5	mV	CAPA-10-6790
R-40	8691	649.7	08/31/09	WG	Oxidation reduction potential	–90.8	mV	CAPA-09-12253
R-40	8691	649.7	06/10/09	WG	Oxidation reduction potential	–129.5	mV	CAPA-09-9443
R-40	8691	649.7	01/28/09	WG	Oxidation reduction potential	382.8	mV	CAPA-09-2797
R-40	8691	649.7	03/03/10	WG	pH	7.13	SU	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	pH	7.2	SU	CAPA-10-6790
R-40	8691	649.7	08/31/09	WG	pH	7.09	SU	CAPA-09-12253
R-40	8691	649.7	06/10/09	WG	pH	6.92	SU	CAPA-09-9443

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-40	8691	649.7	01/28/09	WG	pH	6.69	SU	CAPA-09-2797
R-40	8691	649.7	03/03/10	WG	Specific conductance	256	µS/cm	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Specific conductance	257	µS/cm	CAPA-10-6790
R-40	8691	649.7	08/31/09	WG	Specific conductance	213	µS/cm	CAPA-09-12253
R-40	8691	649.7	06/10/09	WG	Specific conductance	208	µS/cm	CAPA-09-9443
R-40	8691	649.7	01/28/09	WG	Specific conductance	194	µS/cm	CAPA-09-2797
R-40	8691	649.7	03/03/10	WG	Temperature	16.18	deg C	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Temperature	15.38	deg C	CAPA-10-6790
R-40	8691	649.7	08/31/09	WG	Temperature	17.03	deg C	CAPA-09-12253
R-40	8691	649.7	06/10/09	WG	Temperature	16.7	deg C	CAPA-09-9443
R-40	8691	649.7	01/28/09	WG	Temperature	18.82	deg C	CAPA-09-2797
R-40	8691	649.7	03/03/10	WG	Turbidity	1.3	NTU	CAPA-10-12851
R-40	8691	649.7	12/04/09	WG	Turbidity	1.33	NTU	CAPA-10-6790
R-40	8691	649.7	08/31/09	WG	Turbidity	1.44	NTU	CAPA-09-12253
R-40	8691	649.7	06/10/09	WG	Turbidity	3.01	NTU	CAPA-09-9443
R-40	8691	649.7	01/28/09	WG	Turbidity	5.69	NTU	CAPA-09-2797
R-40	8701	751.6	02/23/10	WG	Dissolved oxygen	1.23	mg/L	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Dissolved oxygen	1.48	mg/L	CAPA-10-6803
R-40	8701	751.6	09/04/09	WG	Dissolved oxygen	6	mg/L	CAPA-09-12314
R-40	8701	751.6	04/21/09	WG	Dissolved oxygen	201	mg/L	CAPA-09-8346
R-40	8701	751.6	02/23/10	WG	Oxidation reduction potential	114	mV	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Oxidation reduction potential	–51.4	mV	CAPA-10-6803
R-40	8701	751.6	09/04/09	WG	Oxidation reduction potential	346.1	mV	CAPA-09-12314
R-40	8701	751.6	04/21/09	WG	Oxidation reduction potential	–363.1	mV	CAPA-09-8346
R-40	8701	751.6	02/23/10	WG	pH	6.89	SU	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	pH	7.12	SU	CAPA-10-6803
R-40	8701	751.6	09/04/09	WG	pH	7.75	SU	CAPA-09-12314
R-40	8701	751.6	04/21/09	WG	pH	7.28	SU	CAPA-09-8346

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-40	8701	751.6	02/23/10	WG	Specific conductance	225	µS/cm	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Specific conductance	224	µS/cm	CAPA-10-6803
R-40	8701	751.6	04/21/09	WG	Specific conductance	176	µS/cm	CAPA-09-8346
R-40	8701	751.6	02/23/10	WG	Temperature	15.68	deg C	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Temperature	15.57	deg C	CAPA-10-6803
R-40	8701	751.6	09/04/09	WG	Temperature	15.13	deg C	CAPA-09-12314
R-40	8701	751.6	04/21/09	WG	Temperature	17.72	deg C	CAPA-09-8346
R-40	8701	751.6	02/23/10	WG	Turbidity	1.24	NTU	CAPA-10-13083
R-40	8701	751.6	12/04/09	WG	Turbidity	3.58	NTU	CAPA-10-6803
R-40	8701	751.6	09/04/09	WG	Turbidity	2.31	NTU	CAPA-09-12314
R-40	8701	751.6	04/21/09	WG	Turbidity	3.78	NTU	CAPA-09-8346
R-40	8711	849.3	02/23/10	WG	Dissolved oxygen	6.77	mg/L	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Dissolved oxygen	5.16	mg/L	CAPA-10-6807
R-40	8711	849.3	09/03/09	WG	Dissolved oxygen	4.68	mg/L	CAPA-09-12317
R-40	8711	849.3	01/15/09	WG	Dissolved oxygen	2.88	mg/L	CAPA-09-1888
R-40	8711	849.3	02/23/10	WG	Oxidation reduction potential	63.6	mV	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Oxidation reduction potential	–37.3	mV	CAPA-10-6807
R-40	8711	849.3	09/03/09	WG	Oxidation reduction potential	122.5	mV	CAPA-09-12317
R-40	8711	849.3	01/15/09	WG	Oxidation reduction potential	440.3	mV	CAPA-09-1888
R-40	8711	849.3	02/23/10	WG	pH	7.31	SU	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	pH	7.68	SU	CAPA-10-6807
R-40	8711	849.3	09/03/09	WG	pH	7.37	SU	CAPA-09-12317
R-40	8711	849.3	01/15/09	WG	pH	7.13	SU	CAPA-09-1888
R-40	8711	849.3	02/23/10	WG	Specific conductance	105	µS/cm	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Specific conductance	128	µS/cm	CAPA-10-6807
R-40	8711	849.3	09/03/09	WG	Specific conductance	129	µS/cm	CAPA-09-12317
R-40	8711	849.3	01/15/09	WG	Specific conductance	157	µS/cm	CAPA-09-1888
R-40	8711	849.3	02/23/10	WG	Temperature	15.48	deg C	CAPA-10-12917

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-40	8711	849.3	12/03/09	WG	Temperature	18.28	deg C	CAPA-10-6807
R-40	8711	849.3	09/03/09	WG	Temperature	21.17	deg C	CAPA-09-12317
R-40	8711	849.3	01/15/09	WG	Temperature	20.86	deg C	CAPA-09-1888
R-40	8711	849.3	02/23/10	WG	Turbidity	1.83	NTU	CAPA-10-12917
R-40	8711	849.3	12/03/09	WG	Turbidity	3.71	NTU	CAPA-10-6807
R-40	8711	849.3	09/03/09	WG	Turbidity	4.05	NTU	CAPA-09-12317
R-40	8711	849.3	01/15/09	WG	Turbidity	13.7	NTU	CAPA-09-1888
R-41	8791	965.3	02/26/10	WG	Dissolved oxygen	3.77	mg/L	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Dissolved oxygen	4.18	mg/L	CAPA-10-6818
R-41	8791	965.3	09/01/09	WG	Dissolved oxygen	3.11	mg/L	CAPA-09-12294
R-41	8791	965.3	04/02/09	WG	Dissolved oxygen	7	mg/L	CAMO-09-6908
R-41	8791	965.3	04/01/09	WG	Dissolved oxygen	5.36	mg/L	CAMO-09-6903
R-41	8791	965.3	02/26/10	WG	Oxidation reduction potential	51.5	mV	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Oxidation reduction potential	57.3	mV	CAPA-10-6818
R-41	8791	965.3	09/01/09	WG	Oxidation reduction potential	18.8	mV	CAPA-09-12294
R-41	8791	965.3	04/02/09	WG	Oxidation reduction potential	46.7	mV	CAMO-09-6908
R-41	8791	965.3	04/01/09	WG	Oxidation reduction potential	75.6	mV	CAMO-09-6903
R-41	8791	965.3	02/26/10	WG	pH	7.99	SU	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	pH	7.84	SU	CAPA-10-6818
R-41	8791	965.3	09/01/09	WG	pH	7.79	SU	CAPA-09-12294
R-41	8791	965.3	04/02/09	WG	pH	8.12	SU	CAMO-09-6908
R-41	8791	965.3	04/01/09	WG	pH	8.18	SU	CAMO-09-6903
R-41	8791	965.3	02/26/10	WG	Specific conductance	174	µS/cm	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Specific conductance	176	µS/cm	CAPA-10-6818
R-41	8791	965.3	09/01/09	WG	Specific conductance	344	µS/cm	CAPA-09-12294
R-41	8791	965.3	04/02/09	WG	Specific conductance	174	µS/cm	CAMO-09-6908
R-41	8791	965.3	04/01/09	WG	Specific conductance	199	µS/cm	CAMO-09-6903
R-41	8791	965.3	02/26/10	WG	Temperature	21.57	deg C	CAPA-10-12919

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-41	8791	965.3	12/15/09	WG	Temperature	21.99	deg C	CAPA-10-6818
R-41	8791	965.3	09/01/09	WG	Temperature	24.12	deg C	CAPA-09-12294
R-41	8791	965.3	04/02/09	WG	Temperature	22.09	deg C	CAMO-09-6908
R-41	8791	965.3	04/01/09	WG	Temperature	16.57	deg C	CAMO-09-6903
R-41	8791	965.3	02/26/10	WG	Turbidity	0.88	NTU	CAPA-10-12919
R-41	8791	965.3	12/15/09	WG	Turbidity	0.66	NTU	CAPA-10-6818
R-41	8791	965.3	09/01/09	WG	Turbidity	1.3	NTU	CAPA-09-12294
R-41	8791	965.3	04/02/09	WG	Turbidity	7.5	NTU	CAMO-09-6908
R-41	8791	965.3	04/01/09	WG	Turbidity	27.7	NTU	CAMO-09-6903
R-49	8831	845	03/03/10	WG	Dissolved oxygen	3.76	mg/L	CAPA-10-12903
R-49	8831	845	12/07/09	WG	Dissolved oxygen	4.07	mg/L	CAPA-10-6813
R-49	8831	845	09/01/09	WG	Dissolved oxygen	5.08	mg/L	CAPA-09-12297
R-49	8831	845	06/23/09	WG	Dissolved oxygen	0.52	mg/L	CAMO-09-10840
R-49	8831	845	03/03/10	WG	Oxidation reduction potential	51.7	mV	CAPA-10-12903
R-49	8831	845	12/07/09	WG	Oxidation reduction potential	–30.3	mV	CAPA-10-6813
R-49	8831	845	09/01/09	WG	Oxidation reduction potential	110.2	mV	CAPA-09-12297
R-49	8831	845	06/23/09	WG	Oxidation reduction potential	59.1	mV	CAMO-09-10840
R-49	8831	845	03/03/10	WG	pH	8.05	SU	CAPA-10-12903
R-49	8831	845	12/07/09	WG	pH	7.94	SU	CAPA-10-6813
R-49	8831	845	09/01/09	WG	pH	7.18	SU	CAPA-09-12297
R-49	8831	845	06/23/09	WG	pH	7.86	SU	CAMO-09-10840
R-49	8831	845	03/03/10	WG	Specific conductance	176	µS/cm	CAPA-10-12903
R-49	8831	845	12/07/09	WG	Specific conductance	168	µS/cm	CAPA-10-6813
R-49	8831	845	09/01/09	WG	Specific conductance	200	µS/cm	CAPA-09-12297
R-49	8831	845	06/23/09	WG	Specific conductance	189	µS/cm	CAMO-09-10840
R-49	8831	845	03/03/10	WG	Temperature	20.96	deg C	CAPA-10-12903
R-49	8831	845	12/07/09	WG	Temperature	21.41	deg C	CAPA-10-6813
R-49	8831	845	09/01/09	WG	Temperature	22.94	deg C	CAPA-09-12297

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-49	8831	845	06/23/09	WG	Temperature	23.7	deg C	CAMO-09-10840
R-49	8831	845	03/03/10	WG	Turbidity	262	NTU	CAPA-10-12903
R-49	8831	845	12/07/09	WG	Turbidity	428	NTU	CAPA-10-6813
R-49	8831	845	09/01/09	WG	Turbidity	30	NTU	CAPA-09-12297
R-49	8831	845	06/23/09	WG	Turbidity	4.2	NTU	CAMO-09-10840
R-49	8841	905.6	03/05/10	WG	Dissolved oxygen	5.38	mg/L	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Dissolved oxygen	5.16	mg/L	CAPA-10-6816
R-49	8841	905.6	09/01/09	WG	Dissolved oxygen	5.52	mg/L	CAPA-09-12300
R-49	8841	905.6	06/18/09	WG	Dissolved oxygen	7	mg/L	CAMO-09-10515
R-49	8841	905.6	03/05/10	WG	Oxidation reduction potential	205	mV	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Oxidation reduction potential	450.9	mV	CAPA-10-6816
R-49	8841	905.6	09/01/09	WG	Oxidation reduction potential	190.1	mV	CAPA-09-12300
R-49	8841	905.6	06/18/09	WG	Oxidation reduction potential	60.7	mV	CAMO-09-10515
R-49	8841	905.6	03/05/10	WG	pH	7.83	SU	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	pH	7.79	SU	CAPA-10-6816
R-49	8841	905.6	09/01/09	WG	pH	7.81	SU	CAPA-09-12300
R-49	8841	905.6	06/18/09	WG	pH	7.83	SU	CAMO-09-10515
R-49	8841	905.6	03/05/10	WG	Specific conductance	131	µS/cm	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Specific conductance	130	µS/cm	CAPA-10-6816
R-49	8841	905.6	09/01/09	WG	Specific conductance	151	µS/cm	CAPA-09-12300
R-49	8841	905.6	06/18/09	WG	Specific conductance	103	µS/cm	CAMO-09-10515
R-49	8841	905.6	03/05/10	WG	Temperature	21.42	deg C	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Temperature	18.5	deg C	CAPA-10-6816
R-49	8841	905.6	09/01/09	WG	Temperature	22.98	deg C	CAPA-09-12300
R-49	8841	905.6	06/18/09	WG	Temperature	20.72	deg C	CAMO-09-10515
R-49	8841	905.6	03/05/10	WG	Turbidity	0.75	NTU	CAPA-10-12909
R-49	8841	905.6	12/09/09	WG	Turbidity	0.96	NTU	CAPA-10-6816
R-49	8841	905.6	09/01/09	WG	Turbidity	0.69	NTU	CAPA-09-12300

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-49	8841	905.6	06/18/09	WG	Turbidity	1.01	NTU	CAMO-09-10515
R-51	8991	914.96	03/08/10	WG	Dissolved oxygen	1.7	mg/L	CAPA-10-13494
R-51	8991	914.96	03/08/10	WG	Oxidation reduction potential	200	mV	CAPA-10-13494
R-51	8991	914.96	03/08/10	WG	pH	6.79	SU	CAPA-10-13494
R-51	8991	914.96	03/08/10	WG	Specific conductance	168	µS/cm	CAPA-10-13494
R-51	8991	914.96	03/08/10	WG	Temperature	18.23	deg C	CAPA-10-13494
R-51	8991	914.96	03/08/10	WG	Turbidity	2.83	NTU	CAPA-10-13494
R-51	9001	1030.96	02/22/10	WG	Dissolved oxygen	1.1	mg/L	CAPA-10-13498
R-51	9001	1030.96	02/22/10	WG	Oxidation reduction potential	-–36.3	mV	CAPA-10-13498
R-51	9001	1030.96	02/22/10	WG	pH	9.52	SU	CAPA-10-13498
R-51	9001	1030.96	02/22/10	WG	Specific conductance	134	µS/cm	CAPA-10-13498
R-51	9001	1030.96	02/22/10	WG	Temperature	20.51	deg C	CAPA-10-13498
R-51	9001	1030.96	02/22/10	WG	Turbidity	19	NTU	CAPA-10-13498

[a] WG = Groundwater.

[b] mV = Millivolt.

[c] SU = Standard unit.

[d] µS/cm = Microsiemens per centimeter.

[e] NTU = Nephelometric turbitity unit.

[f] — = Not applicable.

Appendix B

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

Appendix C

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

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

<	Based on qualifiers, the result was a nondetection.
—	none
*	(Inorganic) The result for this analyte in the Los Alamos National Laboratory (Laboratory) replicate analysis was outside acceptance criteria.
B	(Organic) This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic) The result for this analyte was greater than the instrument detection limit but less than the contract-required detection limit.
CS	client sample
CST	Chemical Sciences and Technology
DUP	duplicate sample
E	(Organic) The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma atomic emission spectroscopy). The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption) The result for this analyte failed one or more Contract Laboratory Program acceptance criteria as explained in the case narrative.
EES6	The Laboratory's Earth and Environmental Sciences Division (Hydrology, Geochemistry, and Geology Group)
EPA	U.S. Environmental Protection Agency
F	filtered
FD	field duplicate
FTB	field trip blank
GELC	General Engineering Laboratories
GEO	Geochron Analytical Laboratory
H	(Organic/Inorganic) The required extraction or analysis holding time for this result was exceeded.
HUFFMAN	Huffman Analytical Laboratory
Inorg	inorganic
J	(Organic/General Inorganics) The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit.
J-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected 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.
LLEE	low-level electrolytic extraction
LT	(Rad) The result for this analyte is affected by spectral interference.
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.
MDA	minimum detectable activity
MDL	method detection limit
Met	metals
mV	millivolt
n/a	not applicable
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PARA	Paragon Analytical Laboratory
R	rejected
Rad	radionuclides
STSL	Severn Trent St. Louis Analytical Laboratory
SVOA	semivolatile organic analysis
TPU	total propagated uncertainty
U	not detected
UF	unfiltered
UMTL	University of Miami Tritium Laboratory
VOA	volatile organic analysis
WG	groundwater
WM	snowmelt
WP	persistent water
WS	surface water

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.582	6.90E-01	2.70E+00	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.72	1.00E+00	2.50E+00	—	pCi/L	—	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.02	4.73E-01	1.39E+00	—	pCi/L	U	U	193554	GU07090G18B101	GELC
18-BG-1	5741	10	6/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.51	4.54E-01	1.61E+00	—	pCi/L	U	U	188896	GU07060G18B101	GELC
18-BG-1	5741	10	3/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.496	2.31E-01	7.09E-01	—	pCi/L	U	U	182907	GU07030G18B101	GELC
18-BG-1	5741	10	12/8/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	—	0.882	2.92E-01	8.51E-01	—	pCi/L	—	J	177599	GU06120G18B120	GELC
18-BG-1	5741	10	12/8/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.515	3.91E-01	1.31E+00	—	pCi/L	U	U	177599	GU06120G18B101	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.49	7.50E-01	2.00E+00	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/13/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	—	1.12	3.54E-01	1.03E+00	—	pCi/L	—	J	193817	GU07090G181120	GELC
18-MW-11	7971	27	9/13/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.57	4.36E-01	1.24E+00	—	pCi/L	—	J	193817	GU07090G181101	GELC
18-MW-11	7971	27	7/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.1	6.83E-01	2.15E+00	—	pCi/L	U	U	189079	GU07060G181101	GELC
18-MW-11	7971	27	3/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.321	5.29E-01	2.14E+00	—	pCi/L	U	U	183362	GU07030G181101	GELC
18-MW-11	7971	27	12/12/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	0.926	2.27E-01	5.63E-01	—	pCi/L	—	J	177782	GU06120G181101	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.65	1.20E+00	2.90E+00	—	pCi/L	—	—	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.804	3.29E-01	1.98E+00	—	pCi/L	U	U	193715	GU07090G181801	GELC
18-MW-18	5311	12.5	6/26/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.0832	2.88E-01	1.09E+00	—	pCi/L	U	U	188738	GU07060G181820	GELC
18-MW-18	5311	12.5	6/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.28	3.87E-01	1.06E+00	—	pCi/L	—	J	188738	GU07060G181801	GELC
18-MW-18	5311	12.5	3/19/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.797	4.18E-01	1.08E+00	—	pCi/L	U	U	182773	GU07030G181801	GELC
18-MW-18	5311	12.5	12/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.991	5.11E-01	1.50E+00	—	pCi/L	U	U	177502	GU06120G181801	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.588	4.00E-01	2.50E+00	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/13/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.62	3.82E-01	9.82E-01	—	pCi/L	—	J	193817	GU07090G18M801	GELC
18-MW-8	5781	8	6/27/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.378	6.62E-01	2.69E+00	—	pCi/L	U	U	188819	GU07060G18M801	GELC
18-MW-8	5781	8	3/21/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.335	4.21E-01	1.56E+00	—	pCi/L	U	U	183003	GU07030G18M820	GELC
18-MW-8	5781	8	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.468	4.64E-01	1.62E+00	—	pCi/L	U	U	183003	GU07030G18M801	GELC
18-MW-8	5781	8	12/11/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.34	4.40E-01	1.34E+00	—	pCi/L	—	J	177654	GU06120G18M801	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.325	3.10E-01	2.30E+00	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.232	5.10E-01	2.30E+00	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/12/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.55	6.62E-01	1.67E+00	—	pCi/L	U	U	193715	GU07090G18M920	GELC
18-MW-9	5791	6	9/12/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.443	3.12E-01	2.03E+00	—	pCi/L	U	U	193715	GU07090G18M901	GELC
18-MW-9	5791	6	6/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0356	4.31E-01	1.82E+00	—	pCi/L	U	U	188896	GU07060G18M901	GELC
18-MW-9	5791	6	3/22/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.113	4.06E-01	2.01E+00	—	pCi/L	U	U	183054	GU07030G18M901	GELC
18-MW-9	5791	6	12/11/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	0.711	2.40E-01	7.08E-01	—	pCi/L	—	J	177654	GU06120G18M901	GELC
3MAO-2	8471	14.7	6/4/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.918	7.30E-01	2.50E+00	—	pCi/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	14.7	3/3/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.914	7.00E-01	2.40E+00	—	pCi/L	U	U	09-1072	CAPA-09-4393	GELC
3MAO-2	8471	14.7	12/16/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.581	7.90E-01	2.90E+00	—	pCi/L	U	U	10-973	CAPA-10-6753	GELC
3MAO-2	8471	14.7	12/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.613	7.30E-01	2.70E+00	—	pCi/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	14.7	6/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.2	8.70E-01	1.60E+00	—	pCi/L	—	—	09-2194	CAPA-09-9401	GELC
3MAO-2	8471	14.7	3/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.728	8.50E-01	3.00E+00	—	pCi/L	U	U	09-1072	CAPA-09-4397	GELC
3MAO-2	8471	14.7	12/16/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	—	153.39	2.31E+01	2.04E+00	—	pCi/L	—	—	10-1024	CAPA-10-6753	ARSL
3MAO-2	8471	14.7	12/16/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	153.3	2.31E+01	2.59E+00	—	pCi/L	—	—	10-1024	CAPA-10-6767	ARSL
3MAO-2	8471	14.7	6/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	121.65	4.15E+00	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9401	UMTL
3MAO-2	8471	14.7	3/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	72.48	2.24E+00	2.87E-01	—	pCi/L	—	—	09-1073	CAPA-09-4397	UMTL
3MAO-2	8471	14.7	12/15/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	51.2	7.90E+00	3.72E+00	—	pCi/L	—	—	09-571	CAPA-09-1155	ARSL
3MAO-2	8471	14.7	9/9/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	82.7	2.87E+00	2.87E-01	—	pCi/L	—	—	08-1900	CAPA-08-14993	UMTL
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.61	9.00E-01	2.70E+00	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/11/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.62	8.19E-01	2.39E+00	—	pCi/L	U	U	196450	GU07090GANDS01	GELC
Anderson Spring	—	—	9/11/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.776	4.60E-01	1.49E+00	—	pCi/L	U	U	193615	GU07090GANDS01	GELC
Anderson Spring	—	—	7/6/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.821	4.89E-01	2.77E+00	—	pCi/L	U	U	189252	GU07060GANDS01	GELC
Anderson Spring	—	—	3/27/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.72	9.48E-01	2.52E+00	—	pCi/L	—	J	183217	GU07030GANDS01	GELC
Anderson Spring	—	—	12/11/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.16	3.11E-01	8.41E-01	—	pCi/L	—	J	177654	GU06120GANDS01	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.32	7.80E-01	2.30E+00	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/4/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.78	1.37E+00	3.32E+00	—	pCi/L	—	J	193122	GU070800GSLB01	GELC
Bulldog Spring	—	—	7/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.478	6.48E-01	2.59E+00	—	pCi/L	U	U	189433	GU070600GSLB01	GELC
Bulldog Spring	—	—	3/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.76	6.53E-01	2.20E+00	—	pCi/L	U	U	183217	GU070300GSLB01	GELC
Bulldog Spring	—	—	12/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-1.49	5.58E-01	2.62E+00	—	pCi/L	U	U	177502	GU061200GSLB01	GELC

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
CDBO-6	5281	34	12/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.103	6.70E-01	2.80E+00	—	pCi/L	U	U	10-973	CAPA-10-6093	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	6.46	1.80E+00	3.50E+00	—	pCi/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.65	1.00E+00	2.40E+00	—	pCi/L	—	U	09-885	CAMO-09-2410	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.7	1.10E+00	2.30E+00	—	pCi/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.72	5.99E-01	1.56E+00	—	pCi/L	—	J	61409	GU02050G6DC01	GELC
CDBO-7	5291	29	5/6/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.903	5.60E-01	1.80E+00	—	pCi/L	U	U	09-1769	CAMO-09-8125	GELC
CDBO-7	5291	29	5/6/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.29	9.20E-01	1.40E+00	—	pCi/L	—	—	09-1769	CAMO-09-8126	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.07	8.30E-01	2.80E+00	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/5/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.22	1.25E+00	3.03E+00	—	pCi/L	—	J	193201	GU07080GCHRS01	GELC
Charlie's Spring	—	—	7/9/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.173	6.70E-01	2.69E+00	—	pCi/L	U	U	189308	GU07060GCHRS01	GELC
Charlie's Spring	—	—	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.21	9.41E-01	1.21E+00	—	pCi/L	—	J	183003	GU07030GCHRS01	GELC
Charlie's Spring	—	—	12/6/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.04	8.79E-01	1.54E+00	—	pCi/L	—	J	177384	GU06120GCHRS01	GELC
Charlie's Spring	—	—	8/31/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.86	1.27E+00	2.05E+00	—	pCi/L	—	J+, J	170859	GU06080GCHRS01	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.561	5.40E-01	1.90E+00	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.1	8.70E-01	2.10E+00	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/5/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	2.16	1.10E+00	3.24E+00	—	pCi/L	U	U	193201	GU070800GSMH20	GELC
Homestead Spring	—	—	9/5/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.48	1.25E+00	3.11E+00	—	pCi/L	—	J	193201	GU070800GSMH01	GELC
Homestead Spring	—	—	7/9/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	—	1.91	7.23E-01	1.74E+00	—	pCi/L	—	J	189308	GU070600GSMH20	GELC
Homestead Spring	—	—	7/9/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.52	6.81E-01	1.86E+00	—	pCi/L	U	U	189308	GU070600GSMH01	GELC
Homestead Spring	—	—	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.434	4.14E-01	1.50E+00	—	pCi/L	U	U	183003	GU070300GSMH01	GELC
Homestead Spring	—	—	12/12/2006	WG	UF	CS	FB	Rad	EPA:900	Gross alpha	<	0.0984	1.77E-01	6.18E-01	—	pCi/L	U	U	177782	GU061200GSMH01-FB	GELC
Homestead Spring	—	—	12/12/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.349	1.63E-01	4.97E-01	—	pCi/L	U	U	177782	GU061200GSMH20	GELC
Homestead Spring	—	—	12/12/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	0.973	2.18E-01	5.68E-01	—	pCi/L	—	J	177782	GU061200GSMH01	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.24	9.20E-01	2.20E+00	—	pCi/L	—	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/4/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.27	1.35E+00	2.72E+00	—	pCi/L	—	J	193122	GU070800GSLK01	GELC
Kieling Spring	—	—	7/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.05	5.16E-01	1.47E+00	—	pCi/L	U	U	189433	GU070600GSLK01	GELC
Kieling Spring	—	—	3/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.04	1.15E+00	2.57E+00	—	pCi/L	—	J	183217	GU070300GSLK01	GELC
Kieling Spring	—	—	12/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.776	4.17E-01	1.17E+00	—	pCi/L	U	U	177502	GU061200GSLK01	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.823	5.90E-01	1.90E+00	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.513	3.77E-01	1.24E+00	—	pCi/L	U	U	194213	GU070900GSCP01	GELC
PC Spring	—	—	7/11/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.266	2.63E-01	1.87E+00	—	pCi/L	U	U	189489	GU070600GSCP01	GELC
PC Spring	—	—	3/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.253	5.57E-01	2.04E+00	—	pCi/L	U	U	183362	GU070300GSCP01	GELC
PC Spring	—	—	12/14/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.118	1.54E-01	5.89E-01	—	pCi/L	U	U	177928	GU061200GSCP01	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	9.76	1.30E+00	1.70E+00	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/17/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	—	3	1.20E+00	3.00E+00	—	pCi/L	—	—	10-998	CAPA-10-6746	GELC
PCAO-5	8481	14.7	12/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	3.57	1.40E+00	3.40E+00	—	pCi/L	—	U	10-998	CAPA-10-6390	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	6.35	1.70E+00	3.10E+00	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	10.9	1.60E+00	2.80E+00	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/17/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	—	43.5	6.64E+00	2.24E+00	—	pCi/L	—	—	10-1024	CAPA-10-6746	ARSL
PCAO-5	8481	14.7	12/17/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	44.8	6.80E+00	2.17E+00	—	pCi/L	—	—	10-1024	CAPA-10-6390	ARSL
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	46.94	1.60E+00	2.87E-01	—	pCi/L	—	—	09-3165	CAPA-09-12210	UMTL
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	45.0213	1.60E+00	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9388	UMTL
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	—	55.56	1.92E+00	2.87E-01	—	pCi/L	—	—	09-423	CAPA-09-1141	UMTL
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	56.2	1.92E+00	2.87E-01	—	pCi/L	—	—	09-423	CAPA-09-1140	UMTL
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	—	55.24	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1900	CAPA-08-14975	UMTL
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	54.281	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1900	CAPA-08-14973	UMTL
PCAO-6	8491	8	6/1/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.643	7.20E-01	2.70E+00	—	pCi/L	U	U	09-2123	CAPA-09-9424	GELC
PCAO-6	8491	8	6/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.259	5.20E-01	2.20E+00	—	pCi/L	U	U	09-2123	CAPA-09-9426	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.249	7.80E-01	2.90E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.672	6.60E-01	2.30E+00	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.24	8.40E-01	2.80E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.07	8.70E-01	2.90E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.969	8.20E-01	2.90E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.63	8.90E-01	2.50E+00	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/11/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	54.9196	1.92E+00	2.87E-01	—	pCi/L	—	—	10-954	CAPA-10-6749	UMTL

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	54.9196	1.92E+00	2.87E-01	—	pCi/L	—	—	09-3321	CAPA-09-12214	UMTL
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	53.9617	1.92E+00	2.87E-01	—	pCi/L	—	—	09-2149	CAPA-09-9390	UMTL
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	52.0459	1.60E+00	2.87E-01	—	pCi/L	—	—	09-1038	CAPA-09-4342	UMTL
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	27.30015	4.27E+00	2.81E+00	—	pCi/L	—	—	09-460	CAPA-09-1143	ARSL
PCAO-7a	8501	9.7	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	55.5582	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1900	CAPA-08-14977	UMTL
PCAO-7b2	8581	10	12/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	59.0705	1.92E+00	2.87E-01	—	pCi/L	—	—	10-954	CAPA-10-6756	UMTL
PCAO-7b2	8581	10	6/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	58.7512	1.92E+00	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9432	UMTL
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	59.3898	1.92E+00	2.87E-01	—	pCi/L	—	—	09-1180	CAPA-09-4383	UMTL
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	36.2	5.66E+00	3.46E+00	—	pCi/L	—	—	09-571	CAPA-09-1147	ARSL
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	34.15	5.27E+00	2.56E+00	—	pCi/L	—	U	08-1935	CAPA-08-14985	ARSL
PCAO-7b2	8581	10	6/25/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	56.1968	1.92E+00	2.87E-01	—	pCi/L	—	—	08-1497	CAPA-08-13117	UMTL
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.11	7.40E-01	2.40E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.252	6.30E-01	2.90E+00	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.985	7.60E-01	2.60E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.62	8.00E-01	2.10E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.24	8.90E-02	1.60E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.785	7.20E-01	2.70E+00	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	65.1372	2.24E+00	2.87E-01	—	pCi/L	—	—	10-954	CAPA-10-6758	UMTL
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	64.4986	1.92E+00	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12220	UMTL
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	46.2985	1.60E+00	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9395	UMTL
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	61.9442	2.24E+00	2.87E-01	—	pCi/L	—	—	09-1038	CAPA-09-4343	UMTL
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.81387	5.25E+00	2.91E+00	—	pCi/L	—	—	09-460	CAPA-09-1153	ARSL
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	64.4986	2.24E+00	2.87E-01	—	pCi/L	—	—	08-1900	CAPA-08-14990	UMTL
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.11	5.30E-01	1.60E+00	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	12/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.376	6.70E-01	2.70E+00	—	pCi/L	U	U	10-938	CAPA-10-6784	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.61	9.80E-01	2.30E+00	—	pCi/L	—	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.24	5.20E-01	1.20E+00	—	pCi/L	—	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	12/14/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6784	UMTL
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12259	UMTL
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2353	CAPA-09-9615	UMTL
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.609	4.50E-01	2.70E+00	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	3.16	1.10E+00	2.30E+00	—	pCi/L	—	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/13/2007	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.29	4.12E-01	1.70E+00	—	pCi/L	U	U	193834	GU07090PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	6/28/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.133	4.45E-01	2.19E+00	—	pCi/L	U	U, J-	188897	GU07060PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	3/21/2007	WS	UF	CS	FD	Rad	EPA:900	Gross alpha	—	2.59	7.64E-01	1.29E+00	—	pCi/L	—	J	182887	GU07030PPBFB20	GELC
Pajarito 0.5 mi above SR-501	—	—	3/21/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.722	8.31E-01	2.98E+00	—	pCi/L	U	U	182887	GU07030PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	12/5/2006	WS	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.748	6.61E-01	2.30E+00	—	pCi/L	U	U	177176	GU06110PPBFB20	GELC
Pajarito 0.5 mi above SR-501	—	—	12/5/2006	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.342	2.93E-01	1.73E+00	—	pCi/L	U	U	177176	GU06110PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	8/28/2006	WP	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.21	1.29E+00	2.98E+00	—	pCi/L	—	J	170525	GU060800PBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.32	1.00E+00	2.80E+00	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/4/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.64	9.48E-01	1.86E+00	—	pCi/L	—	J	193146	GU07090PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/28/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.1	1.04E+00	2.98E+00	—	pCi/L	U	U, J-	188897	GU07060PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/20/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.71	1.03E+00	2.04E+00	—	pCi/L	—	J	182774	GU07030PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/8/2006	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0686	4.94E-01	2.14E+00	—	pCi/L	U	U	177508	GU06110PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	8/24/2006	WP	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.546	2.32E-01	7.29E-01	—	pCi/L	U	U, J-	170287	GU06080PPBFB90	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.22	9.50E-01	2.40E+00	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.623	4.25E-01	1.28E+00	—	pCi/L	U	U	194131	GU07080GR17101	GELC
R-17	7031	1057	7/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.114	4.95E-01	2.24E+00	—	pCi/L	U	U	189079	GU07060GR17101	GELC
R-17	7031	1057	4/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.26	5.45E-01	1.49E+00	—	pCi/L	U	U	185012	GU07040GR17101	GELC

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	1057	2/22/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.48	4.76E-01	9.66E-01	—	pCi/L	—	J	181378	GU07020GR17101	GELC
R-17	7031	1057	10/19/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0438	5.89E-01	2.12E+00	—	pCi/L	U	U	174660	GU06090GR17101	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.938	6.80E-01	2.20E+00	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.421	3.54E-01	1.14E+00	—	pCi/L	U	U	194131	GU07080GR17201	GELC
R-17	7041	1124	7/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.15	8.57E-01	2.91E+00	—	pCi/L	U	U	189079	GU07060GR17201	GELC
R-17	7041	1124	4/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.13	4.88E-01	1.34E+00	—	pCi/L	U	U	185012	GU07040GR17201	GELC
R-17	7041	1124	2/22/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.442	4.21E-01	1.50E+00	—	pCi/L	U	U	181378	GU07020GR17201	GELC
R-17	7041	1124	10/17/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-1.31	3.10E-01	2.44E+00	—	pCi/L	U	U	174441	GU06090GR17201	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	0.292	5.50E-01	2.30E+00	—	pCi/L	U	U	09-2077	CAPA-09-9405	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-1.07	6.30E-01	2.60E+00	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	0.235	4.20E-01	1.60E+00	—	pCi/L	U	U	09-1202	CAPA-09-4350	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.524	4.30E-01	1.50E+00	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/4/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.895	8.09E-01	2.85E+00	—	pCi/L	U	U	193122	GF070800G18R01	GELC
R-18	5861	1358	6/26/2007	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	0.161	3.30E-01	1.14E+00	—	pCi/L	U	U	188738	GF070600G18R20	GELC
R-18	5861	1358	6/26/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.484	2.20E-01	6.82E-01	—	pCi/L	U	U	188738	GF070600G18R01	GELC
R-18	5861	1358	3/22/2007	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	-0.0923	3.54E-01	1.58E+00	—	pCi/L	U	U	183054	GF070300G18R20	GELC
R-18	5861	1358	3/22/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.32	5.91E-01	1.60E+00	—	pCi/L	U	U	183054	GF070300G18R01	GELC
R-18	5861	1358	12/18/2006	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	-0.262	6.17E-01	2.54E+00	—	pCi/L	U	U	178136	GF061200G18R20	GELC
R-18	5861	1358	12/18/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.369	5.08E-01	1.89E+00	—	pCi/L	U	U	178136	GF061200G18R01	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.583	6.90E-01	2.50E+00	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.287	5.00E-01	2.00E+00	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.147	4.70E-01	2.20E+00	—	pCi/L	U	U	09-2077	CAPA-09-9406	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.67	8.50E-01	2.60E+00	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.53	6.50E-01	1.90E+00	—	pCi/L	U	U	09-1202	CAPA-09-4349	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0287	2.30E-01	1.10E+00	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/4/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.738	5.47E-01	1.84E+00	—	pCi/L	U	U	193122	GU070800G18R01	GELC
R-18	5861	1358	6/26/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.248	3.32E-01	1.14E+00	—	pCi/L	U	U	188738	GU070600G18R20	GELC
R-18	5861	1358	6/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.731	3.41E-01	1.06E+00	—	pCi/L	U	U	188738	GU070600G18R01	GELC
R-18	5861	1358	3/22/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.614	5.70E-01	1.95E+00	—	pCi/L	U	U	183054	GU070300G18R20	GELC
R-18	5861	1358	3/22/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0662	4.43E-01	2.03E+00	—	pCi/L	U	U	183054	GU070300G18R01	GELC
R-18	5861	1358	12/18/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.306	3.03E-01	1.65E+00	—	pCi/L	U	U	178136	GU061200G18R20	GELC
R-18	5861	1358	12/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.311	3.89E-01	1.48E+00	—	pCi/L	U	U	178136	GU061200G18R01	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.96	9.50E-01	2.70E+00	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0	4.20E-01	1.90E+00	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	7/21/2005	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	3.51	6.96E-01	1.82E+00	—	pCi/L	—	J	141426	GF0507G19R201	GELC
R-19	232	909.3	12/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.325	7.00E-01	2.70E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	8.59	2.60E+00	4.50E+00	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.28	9.50E-01	2.30E+00	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.964	5.50E-01	1.70E+00	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	7/21/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.119	4.40E-01	1.97E+00	—	pCi/L	U	U	141426	GU0507G19R201	GELC
R-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.262	3.83E-01	1.54E+00	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	12/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6108	UMTL
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.70246	2.87E-01	2.87E-01	—	pCi/L	—	U	09-3246	CAPA-09-12155	UMTL
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	08-2002	CAPA-08-15010	UMTL
R-19	232	909.3	6/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1453	CAPA-08-13156	UMTL
R-19	232	909.3	3/14/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	2.87E-01	2.87E-01	—	pCi/L	—	U	08-831	CAPA-08-11061	UMTL
R-19	232	909.3	12/10/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	08-396	CAPA-08-9392	UMTL
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.27	9.70E-01	2.40E+00	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.769	5.04E-01	1.90E+00	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.362	3.99E-01	1.58E+00	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.196	5.10E-01	2.20E+00	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.265	4.99E-01	1.86E+00	—	pCi/L	U	U	193615	GU07080G19R401	GELC
R-19	352	1412.9	6/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.616	5.58E-01	2.02E+00	—	pCi/L	U	U	188990	GU07060G19R401	GELC
R-19	352	1412.9	4/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.38	2.92E-01	6.79E-01	—	pCi/L	—	J	183665	GU07030G19R401	GELC
R-19	352	1412.9	12/12/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0228	4.38E-01	2.03E+00	—	pCi/L	U	U	177829	GU06120G19R401	GELC

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	8.46	—	—	—	mg/L	—	—	0	CAPA-10-14120	FLD
R-19	452	1730.1	5/28/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	7.29	—	—	—	mg/L	—	—	0	CAPA-09-9383	FLD
R-19	452	1730.1	3/9/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	8.22	—	—	—	mg/L	—	—	0	CAPA-09-4323	FLD
R-19	452	1730.1	12/8/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	5.79	—	—	—	mg/L	—	—	0	CAPA-09-1247	FLD
R-19	452	1730.1	9/12/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	4.4	—	—	—	mg/L	—	—	0	CAPA-08-15054	FLD
R-19	452	1730.1	6/16/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	38.1	—	—	—	mg/L	—	—	0	CAPA-08-13190	FLD
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	98	—	—	—	uS/cm	—	—	0	CAPA-10-14120	FLD
R-19	452	1730.1	5/28/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	90	—	—	—	uS/cm	—	—	0	CAPA-09-9383	FLD
R-19	452	1730.1	3/9/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	96	—	—	—	uS/cm	—	—	0	CAPA-09-4323	FLD
R-19	452	1730.1	12/8/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	210	—	—	—	uS/cm	—	—	0	CAPA-09-1247	FLD
R-19	452	1730.1	9/12/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	99.5	—	—	—	uS/cm	—	—	0	CAPA-08-15054	FLD
R-19	452	1730.1	6/16/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	93.4	—	—	—	uS/cm	—	—	0	CAPA-08-13190	FLD
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	22.12	—	—	—	deg C	—	—	0	CAPA-10-14120	FLD
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	22.12	—	—	—	deg C	—	—	0	CAPA-09-12186	FLD
R-19	452	1730.1	5/28/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	20.2	—	—	—	deg C	—	—	0	CAPA-09-9383	FLD
R-19	452	1730.1	3/9/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	16.98	—	—	—	deg C	—	—	0	CAPA-09-4323	FLD
R-19	452	1730.1	12/8/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.3	—	—	—	deg C	—	—	0	CAPA-09-1247	FLD
R-19	452	1730.1	9/12/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	20.2	—	—	—	deg C	—	—	0	CAPA-08-15054	FLD
R-19	452	1730.1	6/16/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	25.7	—	—	—	deg C	—	—	0	CAPA-08-13190	FLD
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	351.2	Total Kjeldahl Nitrogen	<	0.138	—	—	3.30E-02	mg/L	—	U	09-3339	CAPA-10-14120	GELC
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	351.2	Total Kjeldahl Nitrogen	<	0.138	—	—	3.30E-02	mg/L	—	U	09-3339	CAPA-09-12186	GELC
R-19	452	1730.1	5/28/2009	WG	UF	CS	—	Geninorg	351.2	Total Kjeldahl Nitrogen	—	0.187	—	—	3.30E-02	mg/L	—	J+	09-2079	CAPA-09-9383	GELC
R-19	452	1730.1	3/9/2009	WG	UF	CS	—	Geninorg	351.2	Total Kjeldahl Nitrogen	<	0.065	—	—	2.90E-02	mg/L	J	U	09-1201	CAPA-09-4323	GELC
R-19	452	1730.1	12/8/2008	WG	UF	CS	—	Geninorg	351.2	Total Kjeldahl Nitrogen	—	0.266	—	—	2.90E-02	mg/L	—	J-	09-477	CAPA-09-1247	GELC
R-19	452	1730.1	9/12/2008	WG	UF	CS	—	Geninorg	351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	08-1932	CAPA-08-15054	GELC
R-19	452	1730.1	10/4/2000	WG	UF	CS	—	Geninorg	351.2	Total Kjeldahl Nitrogen	—	3.4	—	—	—	mg/L	—	—	7792R	CATH-00-0048	RFWC
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.6	—	—	—	NTU	—	—	0	CAPA-10-14120	FLD
R-19	452	1730.1	5/28/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	2.22	—	—	—	NTU	—	—	0	CAPA-09-9383	FLD
R-19	452	1730.1	3/9/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	3.8	—	—	—	NTU	—	—	0	CAPA-09-4323	FLD
R-19	452	1730.1	12/8/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	2.13	—	—	—	NTU	—	—	0	CAPA-09-1247	FLD
R-19	452	1730.1	9/12/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.38	—	—	—	NTU	—	—	0	CAPA-08-15054	FLD
R-19	452	1730.1	6/16/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.21	—	—	—	NTU	—	—	0	CAPA-08-13190	FLD
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	Field	pH	—	6.8	—	—	—	SU	—	—	0	CAPA-10-14120	FLD
R-19	452	1730.1	9/18/2009	WG	UF	CS	—	Geninorg	Field	pH	—	6.8	—	—	—	SU	—	—	0	CAPA-09-12186	FLD
R-19	452	1730.1	5/28/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.53	—	—	—	SU	—	—	0	CAPA-09-9383	FLD
R-19	452	1730.1	3/9/2009	WG	UF	CS	—	Geninorg	Field	pH	—	7.22	—	—	—	SU	—	—	0	CAPA-09-4323	FLD
R-19	452	1730.1	12/8/2008	WG	UF	CS	—	Geninorg	Field	pH	—	6.86	—	—	—	SU	—	—	0	CAPA-09-1247	FLD
R-19	452	1730.1	9/12/2008	WG	UF	CS	—	Geninorg	Field	pH	—	7.26	—	—	—	SU	—	—	0	CAPA-08-15054	FLD
R-19	452	1730.1	6/16/2008	WG	UF	CS	—	Geninorg	Field	pH	—	6.87	—	—	—	SU	—	—	0	CAPA-08-13190	FLD
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.45	7.30E-01	2.00E+00	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.775	3.90E-01	1.10E+00	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	7/20/2005	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	5.37	9.10E-01	2.30E+00	—	pCi/L	—	J	141426	GF0507G20R101	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	13.5	2.40E+00	2.10E+00	—	pCi/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.717	5.60E-01	1.90E+00	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.43	5.50E-01	1.50E+00	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	7/20/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.472	5.05E-01	2.02E+00	—	pCi/L	U	U	141426	GU0507G20R101	GELC
R-20	8441	904.6	12/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-750	CAPA-10-6373	UMTL
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12263	UMTL
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2149	CAPA-09-9410	UMTL
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1180	CAPA-09-4370	UMTL
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.823203	1.10E+00	3.75E+00	—	pCi/L	U	U	09-568	CAPA-09-1224	ARSL
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	08-2002	CAPA-08-15063	UMTL
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.06	8.70E-01	2.10E+00	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.33	4.90E-01	1.20E+00	—	pCi/L	—	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	7/19/2005	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.632	3.10E-01	1.03E+00	—	pCi/L	U	U, J-	141235	GF0507G20R201	GELC

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	1147.1	12/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.01	7.60E-01	2.60E+00	—	pCi/L	U	U	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.241	5.10E-01	2.10E+00	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.593	6.10E-01	2.30E+00	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.76	3.40E-01	8.60E-01	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	7/19/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.11	4.87E-01	1.28E+00	—	pCi/L	—	J, J-	141235	GU0507G20R201	GELC
R-20	8451	1147.1	12/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6855	UMTL
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12265	UMTL
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2149	CAPA-09-9414	UMTL
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1180	CAPA-09-4372	UMTL
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.044111	1.24E+00	4.38E+00	—	pCi/L	U	U	09-571	CAPA-09-1228	ARSL
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	08-2002	CAPA-08-15065	UMTL
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.65	6.60E-01	1.70E+00	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.802	7.80E-01	2.72E+00	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.391	5.36E-01	2.15E+00	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	3/15/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.417	1.73E-01	4.98E-01	—	pCi/L	U	U	182489	GU070200G21R01	GELC
R-21	1761	888.8	7/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.2	7.50E-01	2.84E+00	—	pCi/L	U	U	166854	GU060500G21R01	GELC
R-21	1761	888.8	12/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6381	UMTL
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2930	CAMO-09-9908	UMTL
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1039	CAMO-09-2631	UMTL
R-21	1761	888.8	11/7/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	09-264	CAMO-09-814	UMTL
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.76632	1.06E+00	3.61E+00	—	pCi/L	U	U	08-1687	CAMO-08-14524	ARSL
R-21	1761	888.8	5/23/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1225	CAMO-08-12778	UMTL
R-22	682	907.1	2/24/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.22	1.10E+00	2.80E+00	—	pCi/L	U	U	09-1017	CAPA-09-4366	GELC
R-22	682	907.1	6/27/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.75	5.99E-01	1.86E+00	—	pCi/L	U	U	139721	GU0506G22R101	GELC
R-22	682	907.1	6/21/2004	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.55	5.00E-01	1.21E+00	—	pCi/L	—	JN+	115578	GU0406G22R101	GELC
R-22	682	907.1	11/18/2003	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.08	4.32E-01	1.40E+00	—	pCi/L	U	U	102393	GU0311G22R101	GELC
R-22	682	907.1	7/8/2002	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.14	7.07E-01	1.98E+00	—	pCi/L	—	J	63328	GU0207G22R101	GELC
R-22	682	907.1	3/13/2001	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.98	3.20E-01	1.00E+00	—	pCi/L	U	U	8474R	GW22-01-0001	PARA
R-22	722	962.8	2/26/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.428	6.60E-01	2.90E+00	—	pCi/L	U	U	09-1048	CAPA-09-4376	GELC
R-22	722	962.8	9/18/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.639	4.11E-01	1.28E+00	—	pCi/L	U	U	194131	GF07090G22R201	GELC
R-22	722	962.8	7/10/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.565	6.28E-01	2.35E+00	—	pCi/L	U	U	189489	GF07060G22R201	GELC
R-22	722	962.8	3/19/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.00871	2.89E-01	1.22E+00	—	pCi/L	U	U	182907	GF07030G22R201	GELC
R-22	722	962.8	12/7/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.165	2.72E-01	9.39E-01	—	pCi/L	U	U	177599	GF06120G22R201	GELC
R-22	722	962.8	8/28/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.323	4.29E-01	1.56E+00	—	pCi/L	U	U	170528	GF06080G22R201	GELC
R-22	722	962.8	2/26/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2	9.70E-01	2.60E+00	—	pCi/L	U	U	09-1048	CAPA-09-4377	GELC
R-22	722	962.8	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.979	4.11E-01	1.25E+00	—	pCi/L	U	U	194131	GU07090G22R201	GELC
R-22	722	962.8	7/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.839	5.80E-01	1.93E+00	—	pCi/L	U	U	189489	GU07060G22R201	GELC
R-22	722	962.8	3/19/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.515	3.87E-01	1.26E+00	—	pCi/L	U	U	182907	GU07030G22R201	GELC
R-22	722	962.8	12/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0994	2.58E-01	9.50E-01	—	pCi/L	U	U	177599	GU06120G22R201	GELC
R-22	722	962.8	8/28/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.406	2.82E-01	1.00E+00	—	pCi/L	U	U	170528	GU06080G22R201	GELC
R-22	772	1273.5	2/27/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.36	9.90E-01	2.70E+00	—	pCi/L	U	U	09-1066	CAPA-09-4378	GELC
R-22	772	1273.5	9/17/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	2.68	9.63E-01	2.15E+00	—	pCi/L	—	J	194078	GF07090G22R301	GELC
R-22	772	1273.5	7/9/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.64	1.04E+00	2.90E+00	—	pCi/L	U	U	189308	GF07060G22R301	GELC
R-22	772	1273.5	3/20/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	3.12	8.10E-01	1.33E+00	—	pCi/L	—	J	183003	GF07030G22R301	GELC
R-22	772	1273.5	12/8/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	2.56	4.73E-01	1.09E+00	—	pCi/L	—	J	177599	GF06120G22R301	GELC
R-22	772	1273.5	8/22/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	3.11	7.13E-01	1.77E+00	—	pCi/L	—	J-, J	170282	GF06080G22R301	GELC
R-22	772	1273.5	2/27/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.796	8.30E-01	2.90E+00	—	pCi/L	U	U	09-1066	CAPA-09-4380	GELC
R-22	772	1273.5	7/9/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.75	1.08E+00	2.16E+00	—	pCi/L	—	J	189308	GU07060G22R301	GELC
R-22	772	1273.5	3/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.98	6.98E-01	1.62E+00	—	pCi/L	—	J	183003	GU07030G22R301	GELC
R-22	772	1273.5	12/8/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.82	4.90E-01	1.28E+00	—	pCi/L	—	J	177599	GU06120G22R301	GELC
R-22	772	1273.5	8/22/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.16	6.58E-01	1.36E+00	—	pCi/L	—	J, J-	170282	GU06080G22R301	GELC
R-22	772	1273.5	6/29/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.74	6.55E-01	2.03E+00	—	pCi/L	—	J-	139844	GU0506G22R301	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.949	6.40E-01	2.10E+00	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.37	7.60E-01	2.10E+00	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	9/6/2007	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	1.35	8.20E-01	2.50E+00	—	pCi/L	U	U	193317	GF070900GR2320	GELC

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	816	9/6/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.634	6.26E-01	2.97E+00	—	pCi/L	U	U	193317	GF070900GR2301	GELC
R-23	1771	816	6/25/2007	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	0.135	4.23E-01	1.46E+00	—	pCi/L	U	U	188669	GF070600GR2320	GELC
R-23	1771	816	6/25/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	0.891	2.61E-01	7.10E-01	—	pCi/L	—	J	188669	GF070600GR2301	GELC
R-23	1771	816	3/19/2007	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	0.287	2.75E-01	8.58E-01	—	pCi/L	U	U	182773	GF070300GR2320	GELC
R-23	1771	816	3/19/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	0.847	2.78E-01	6.61E-01	—	pCi/L	—	J	182773	GF070300GR2301	GELC
R-23	1771	816	12/18/2006	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	0.594	4.29E-01	1.40E+00	—	pCi/L	U	U	178136	GF061200GR2320	GELC
R-23	1771	816	12/18/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.0785	3.46E-01	1.48E+00	—	pCi/L	U	U	178136	GF061200GR2301	GELC
R-23	1771	816	8/15/2006	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	-0.0426	6.29E-01	2.33E+00	—	pCi/L	U	U, J+	169470	GF060800GR2390	GELC
R-23	1771	816	8/15/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.629	4.67E-01	1.25E+00	—	pCi/L	U	U, J+	169470	GF060800GR2301	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.01	7.90E-01	2.70E+00	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.41	1.10E+00	2.10E+00	—	pCi/L	—	—	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.389	4.70E-01	1.70E+00	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.605	6.20E-01	2.30E+00	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	9/6/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.205	5.91E-01	2.68E+00	—	pCi/L	U	U	193317	GU070900GR2320	GELC
R-23	1771	816	9/6/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.254	6.88E-01	2.70E+00	—	pCi/L	U	U	193317	GU070900GR2301	GELC
R-23	1771	816	6/25/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.059	2.48E-01	9.15E-01	—	pCi/L	U	U	188669	GU070600GR2320	GELC
R-23	1771	816	6/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.246	1.99E-01	6.73E-01	—	pCi/L	U	U	188669	GU070600GR2301	GELC
R-23	1771	816	3/19/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	—	0.793	1.99E-01	5.17E-01	—	pCi/L	—	J	182773	GU070300GR2320	GELC
R-23	1771	816	3/19/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.238	2.45E-01	7.63E-01	—	pCi/L	U	U	182773	GU070300GR2301	GELC
R-23	1771	816	12/18/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.463	4.91E-01	1.83E+00	—	pCi/L	U	U	178136	GU061200GR2320	GELC
R-23	1771	816	12/18/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.23	3.52E-01	1.77E+00	—	pCi/L	U	U	178136	GU061200GR2301	GELC
R-23	1771	816	8/15/2006	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.954	4.68E-01	1.41E+00	—	pCi/L	U	U, J+	169470	GU060800GR2390	GELC
R-23	1771	816	8/15/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.832	5.60E-01	1.85E+00	—	pCi/L	U	U, J+	169470	GU060800GR2301	GELC
R-23	1771	816	12/9/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6371	UMTL
R-23	1771	816	12/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6347	UMTL
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12273	UMTL
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	2.87E-01	2.87E-01	—	pCi/L	—	U	09-3165	CAPA-09-12270	UMTL
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2260	CAPA-09-9417	UMTL
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1038	CAPA-09-4365	UMTL
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	08-1900	CAPA-08-15077	UMTL
R-23	1771	816	9/6/2007	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.03193	2.87E-01	2.87E-01	—	pCi/L	—	U	2400	UU070900GR2320	UMTL
R-23	1771	816	9/6/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.3193	2.87E-01	2.87E-01	—	pCi/L	—	U	2400	UU070900GR2301	UMTL
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.766	5.20E-01	1.70E+00	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.00168	6.60E-01	2.70E+00	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/6/2007	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	-0.0828	5.30E-01	2.49E+00	—	pCi/L	U	U	193317	GF0709GR23I 20	GELC
R-23i	7001	400.3	9/6/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.178	7.49E-01	2.99E+00	—	pCi/L	U	U	193317	GF0709GR23I 01	GELC
R-23i	7001	400.3	12/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.14	1.00E+00	2.90E+00	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.3	1.00E+00	2.70E+00	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.95	6.10E-01	2.00E+00	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.5	8.50E-01	2.40E+00	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	9/6/2007	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.647	5.80E-01	2.12E+00	—	pCi/L	U	U	193317	GU0709GR23I 20	GELC
R-23i	7001	400.3	9/6/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.38	1.14E+00	2.52E+00	—	pCi/L	—	J	193317	GU0709GR23I 01	GELC
R-23i	7001	400.3	12/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	185.194	6.07E+00	2.87E-01	—	pCi/L	—	—	10-845	CAPA-10-6787	UMTL
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	188.7063	6.07E+00	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12239	UMTL
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	228.2995	7.66E+00	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9457	UMTL
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	240.1136	7.98E+00	2.87E-01	—	pCi/L	—	—	09-1073	CAPA-09-4355	UMTL
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	16.79518	2.75E+00	2.84E+00	—	pCi/L	—	—	09-460	CAPA-09-1188	ARSL
R-23i	7001	400.3	9/16/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	27.4598	8.94E-01	2.87E-01	—	pCi/L	—	—	08-1962	CAPA-08-15011	UMTL
R-23i	7011	470.2	6/4/2009	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	1.43	8.20E-01	2.60E+00	—	pCi/L	U	U	09-2194	CAPA-09-9355	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.875	6.70E-01	2.20E+00	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.941	7.20E-01	2.40E+00	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	6/20/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.31	5.58E-01	1.59E+00	—	pCi/L	U	U	188427	GF0706GR23I 01	GELC
R-23i	7011	470.2	4/24/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	2.3	6.57E-01	1.49E+00	—	pCi/L	—	J	184942	GF0704GR23I 01	GELC
R-23i	7011	470.2	2/28/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.24	6.60E-01	1.98E+00	—	pCi/L	U	U	181695	GF0702GR23I 01	GELC
R-23i	7011	470.2	10/3/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.03	6.98E-01	2.27E+00	—	pCi/L	U	U	173388	GF0609GR23I 02	GELC

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	470.2	12/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.801	4.60E-01	3.00E+00	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.5	7.40E-01	1.90E+00	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	1.17	5.50E-01	1.50E+00	—	pCi/L	U	U	09-2194	CAPA-09-9356	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.5	1.10E+00	2.00E+00	—	pCi/L	—	—	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.96	9.00E-01	2.20E+00	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	6/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.376	3.53E-01	1.26E+00	—	pCi/L	U	U	188427	GU0706GR23I 01	GELC
R-23i	7011	470.2	4/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	2.06	6.63E-01	1.51E+00	—	pCi/L	—	J	184942	GU0704GR23I 01	GELC
R-23i	7011	470.2	2/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.82	6.58E-01	2.30E+00	—	pCi/L	U	U	181695	GU0702GR23I 01	GELC
R-23i	7011	470.2	10/3/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.72	7.97E-01	2.33E+00	—	pCi/L	U	U	173388	GU0609GR23I 02	GELC
R-23i	7011	470.2	12/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	30.9721	9.58E-01	2.87E-01	—	pCi/L	—	—	10-768	CAPA-10-6151	UMTL
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	30.3335	9.58E-01	2.87E-01	—	pCi/L	—	—	09-3172	CAPA-09-12244	UMTL
R-23i	7011	470.2	6/4/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	—	29.3756	9.58E-01	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9356	UMTL
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.35384	9.26E-01	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9354	UMTL
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	29.6949	9.58E-01	2.87E-01	—	pCi/L	—	—	09-1038	CAPA-09-4295	UMTL
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	37.6774	1.28E+00	2.87E-01	—	pCi/L	—	—	09-423	CAPA-09-1194	UMTL
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	36.0809	1.28E+00	2.87E-01	—	pCi/L	—	—	08-1962	CAPA-08-15018	UMTL
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.61	1.10E+00	2.80E+00	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.652	4.09E-01	1.33E+00	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.67	5.23E-01	1.67E+00	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	2/26/2007	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-1.21	2.45E-01	2.19E+00	—	pCi/L	U	U	181512	GF0702GR23I 02	GELC
R-23i	7021	524	10/11/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.24	6.74E-01	1.99E+00	—	pCi/L	U	U	173985	GF0609GR23I 03	GELC
R-23i	7021	524	12/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.01	9.80E-01	2.90E+00	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.561	5.30E-01	2.00E+00	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.191	3.30E-01	1.70E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.898	7.30E-01	2.50E+00	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.919	3.87E-01	1.06E+00	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.639	6.19E-01	2.18E+00	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	2/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.485	5.50E-01	1.97E+00	—	pCi/L	U	U	181512	GU0702GR23I 02	GELC
R-23i	7021	524	10/11/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	17	3.69E+00	7.03E+00	—	pCi/L	—	J	173985	GU0609GR23I 03	GELC
R-23i	7021	524	12/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.2072	9.58E-01	2.87E-01	—	pCi/L	—	—	10-741	CAPA-10-6863	UMTL
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	36.4002	1.28E+00	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12246	UMTL
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	32.2493	9.58E-01	2.87E-01	—	pCi/L	—	J	09-2354	CAPA-09-9361	UMTL
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.5265	1.28E+00	2.87E-01	—	pCi/L	—	—	09-1038	CAPA-09-4298	UMTL
R-23i	7021	524	6/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	34.4844	1.28E+00	2.87E-01	—	pCi/L	—	—	08-1378	CAPA-08-13158	UMTL
R-23i	7021	524	3/14/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	32.5686	9.58E-01	2.87E-01	—	pCi/L	—	—	08-820	CAPA-08-11063	UMTL
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.07	6.30E-01	2.00E+00	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	FD	Rad	EPA:900	Gross alpha	<	-0.031	4.20E-01	2.00E+00	—	pCi/L	U	U	09-1032	CAPA-09-4359	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.43	6.40E-01	1.70E+00	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.582	6.40E-01	2.40E+00	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.882	6.00E-01	2.00E+00	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.305	5.90E-01	2.60E+00	—	pCi/L	U	U	09-1032	CAPA-09-4360	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.09	7.10E-01	2.20E+00	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/7/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6377	UMTL
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12277	UMTL
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2260	CAPA-09-9418	UMTL
R-32	8421	867.5	2/26/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1038	CAPA-09-4360	UMTL
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1038	CAPA-09-4358	UMTL
R-32	8421	867.5	9/8/2008	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.44702	2.87E-01	2.87E-01	—	pCi/L	—	U	08-1900	CAPA-08-15082	UMTL
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	2.87E-01	2.87E-01	—	pCi/L	—	U	08-1900	CAPA-08-15079	UMTL
R-32	8421	867.5	12/14/2007	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.6386	2.87E-01	2.87E-01	—	pCi/L	—	U	08-421	CAPA-08-9720	UMTL
R-32	8421	867.5	12/14/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	08-421	CAPA-08-9338	UMTL
R-37	8811	1026	6/22/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.0579	3.90E-01	1.90E+00	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	12/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.59	1.10E+00	2.90E+00	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.69	8.40E-01	2.40E+00	—	pCi/L	U	U	10-616	CAMO-10-5483	GELC
R-37	8811	1026	6/22/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.119	3.80E-01	1.90E+00	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	1026	12/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	24.42645	3.74E+00	1.63E+00	—	pCi/L	—	—	10-1022	CAPA-10-6824	ARSL
R-37	8811	1026	11/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	13.47446	4.47E-01	2.87E-01	—	pCi/L	—	—	10-663	CAMO-10-5483	UMTL
R-37	8811	1026	6/22/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.54281	2.87E-01	2.87E-01	—	pCi/L	—	U	09-2459	CAMO-09-10526	UMTL
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	2.91	7.60E-01	1.40E+00	—	pCi/L	—	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	12/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.36	8.50E-01	2.70E+00	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.06	9.30E-01	3.10E+00	—	pCi/L	U	U	10-626	CAMO-10-5356	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.93	8.60E-01	2.10E+00	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.37	9.20E-01	1.20E+00	—	pCi/L	—	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	12/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	26.31032	4.09E+00	2.33E+00	—	pCi/L	—	—	10-1022	CAPA-10-6823	ARSL
R-37	8821	929.3	11/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	39.9125	1.28E+00	2.87E-01	—	pCi/L	—	—	10-663	CAMO-10-5356	UMTL
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.50071	2.87E-01	2.87E-01	—	pCi/L	—	—	09-3009	CAMO-09-9912	UMTL
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	11.4948	3.83E-01	2.87E-01	—	pCi/L	—	—	09-2608	CAMO-09-10532	UMTL
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.16	3.70E-01	1.50E+00	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	12/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.342	4.50E-01	2.40E+00	—	pCi/L	U	U	10-995	CAPA-10-6793	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.24	8.40E-01	2.70E+00	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.486	3.80E-01	1.30E+00	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	12/17/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.51088	6.39E-01	2.17E+00	—	pCi/L	U	U	10-1024	CAPA-10-6793	ARSL
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	40.5511	1.28E+00	2.87E-01	—	pCi/L	—	—	09-3009	CAMO-09-9566	UMTL
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1741	CAMO-09-8224	UMTL
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.47895	2.87E-01	2.87E-01	—	pCi/L	U	U	09-860	CAMO-09-2999	UMTL
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.681	5.00E-01	1.70E+00	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.44	5.50E-01	1.50E+00	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	12/9/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	-0.198	5.20E-01	2.50E+00	—	pCi/L	U	U	10-882	CAPA-10-6800	GELC
R-39	8641	859	12/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.74	7.10E-01	2.50E+00	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0282	6.90E-01	3.00E+00	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.782	4.90E-01	1.60E+00	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.01	4.90E-01	1.40E+00	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	12/9/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6800	UMTL
R-39	8641	859	12/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6797	UMTL
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12281	UMTL
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2260	CAPA-09-9421	UMTL
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.35123	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1240	CAPA-09-4423	UMTL
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	2.87E-01	2.87E-01	—	pCi/L	—	U	09-1042	CAMO-09-2987	UMTL
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.71	9.90E-01	2.20E+00	—	pCi/L	—	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.75	7.80E-01	2.00E+00	—	pCi/L	U	UJ	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	12/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.949	7.10E-01	2.30E+00	—	pCi/L	U	U	10-821	CAPA-10-6790	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.661	6.50E-01	2.40E+00	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.7	9.10E-01	2.90E+00	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.99	8.10E-01	1.90E+00	—	pCi/L	—	UJ	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	12/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.51088	2.87E-01	2.87E-01	—	pCi/L	—	U	10-845	CAPA-10-6790	UMTL
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12253	UMTL
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	2.87E-01	2.87E-01	—	pCi/L	—	U	09-2354	CAPA-09-9443	UMTL
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.3193	2.87E-01	2.87E-01	—	pCi/L	—	U	09-760	CAPA-09-2797	UMTL
R-40	8701	751.6	12/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.976	8.50E-01	2.90E+00	—	pCi/L	U	U	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.39	6.20E-01	1.60E+00	—	pCi/L	U	U	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	12/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6803	UMTL
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12314	UMTL
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1568	CAPA-09-8346	UMTL
R-40	8711	849.3	12/3/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.0566	5.50E-01	2.30E+00	—	pCi/L	U	U	10-804	CAPA-10-6805	GELC
R-40	8711	849.3	12/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.628	6.80E-01	2.50E+00	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.156	5.40E-01	2.60E+00	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0412	6.50E-01	2.80E+00	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	12/3/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6805	UMTL
R-40	8711	849.3	12/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6807	UMTL
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12317	UMTL

Table C-1 Pajarito 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	Sym	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	09-677	CAPA-09-1888	UMTL
R-41	8791	965.3	12/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.124	5.90E-01	2.70E+00	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0784	4.20E-01	2.30E+00	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.6	8.20E-01	2.50E+00	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.991	6.70E-01	2.20E+00	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	12/15/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6818	UMTL
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12294	UMTL
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1470	CAMO-09-6908	UMTL
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	09-1352	CAMO-09-6903	UMTL
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.45	8.30E-01	2.60E+00	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	12/7/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	14	2.40E+00	3.00E+00	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.75	1.40E+00	3.10E+00	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.59	1.20E+00	2.50E+00	—	pCi/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	12/7/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6813	UMTL
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12297	UMTL
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2485	CAMO-09-10840	UMTL
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.522	5.20E-01	1.90E+00	—	pCi/L	U	UJ	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	12/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.547	8.00E-01	2.90E+00	—	pCi/L	U	U	10-869	CAPA-10-6816	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.94	1.30E+00	3.30E+00	—	pCi/L	—	—	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.49	4.40E-01	2.30E+00	—	pCi/L	U	UJ	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	12/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	10-870	CAPA-10-6816	UMTL
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	2.87E-01	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12300	UMTL
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	09-2462	CAMO-09-10515	UMTL
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.31	7.30E-01	2.10E+00	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.73	8.98E-01	2.65E+00	—	pCi/L	U	U	194314	GU070800GSTS01	GELC
Starmer Spring	—	—	7/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0822	3.57E-01	1.58E+00	—	pCi/L	U	U	189433	GU070600GSTS01	GELC
Starmer Spring	—	—	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.757	5.72E-01	1.73E+00	—	pCi/L	U	U	183003	GU070300GSTS01	GELC
Starmer Spring	—	—	12/6/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.48	4.00E-01	1.37E+00	—	pCi/L	U	U	177384	GU061200GSTS01	GELC
Starmer Spring	—	—	8/23/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1	6.87E-01	2.27E+00	—	pCi/L	U	U	170168	GU060800GSTS01	GELC
TMO-1	8561	3.5	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.0593	5.30E-01	2.40E+00	—	pCi/L	U	U	09-2250	CAPA-09-9397	GELC
TMO-1	8561	3.5	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.29	6.30E-01	1.80E+00	—	pCi/L	U	U	09-2250	CAPA-09-9396	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.729	8.30E-01	2.90E+00	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.725	2.74E-01	7.52E-01	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	1.1	3.26E-01	9.05E-01	—	pCi/L	—	J	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.45	1.40E+00	2.70E+00	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.89	7.40E-01	2.00E+00	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.78	3.12E-01	7.39E-01	—	pCi/L	—	J	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	1.97	4.08E-01	1.09E+00	—	pCi/L	—	J-	139721	GU05060G17201	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	5.07	1.60E+00	3.40E+00	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/11/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.7	1.40E+00	3.14E+00	—	pCi/L	—	J	193550	GU07090PPBF201	GELC
Two Mile Canyon below TA-59	—	—	6/27/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.14	1.14E+00	3.49E+00	—	pCi/L	U	U	188820	GU07060PPBF201	GELC
Two Mile Canyon below TA-59	—	—	4/2/2007	WS	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.58	8.01E-01	2.36E+00	—	pCi/L	U	U	183582	GU07030PPBF201	GELC
Two Mile Canyon below TA-59	—	—	8/25/2006	WP	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.29	1.07E+00	2.94E+00	—	pCi/L	U	U	170355	GU06080PPBF201	GELC

Table C-2 Pajarito 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
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	09/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	275	—	—	1.00E+00	uS/cm	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	06/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	515	—	—	1.00E+00	uS/cm	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.045	—	—	3.30E-02	mg/L	J	J-	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.284	—	—	3.30E-02	mg/L	—	—	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.417	—	—	3.30E-02	mg/L	—	J	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	06/10/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.688	—	—	3.30E-02	mg/L	—	J+	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	03/11/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.223	—	—	2.90E-02	mg/L	—	U	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.68	—	—	3.30E-01	mg/L	—	—	10-2219	CAPA-10-12791	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.57	—	—	3.30E-01	mg/L	—	—	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.81	—	—	3.30E-01	mg/L	—	—	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	13.1	—	—	1.70E+00	mg/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	06/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.05	—	—	6.60E-01	mg/L	—	—	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	03/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.73	—	—	3.30E-01	mg/L	—	—	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.2	—	—	1.00E-02	SU	H	J-	10-933	CAPA-10-6099	GELC
03-B-13	7671	21.5	09/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.51	—	—	1.00E-02	SU	H	J-	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	06/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.35	—	—	1.00E-02	SU	H	J-	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FD	Svoa	SW-846:8270C	Dioxane[1,4-]	—	10.2	—	—	2.10E+00	ug/L	J	J	10-2219	CAPA-10-12791	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	10.8	—	—	2.20E+00	ug/L	—	—	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	20.9	—	—	2.20E+00	ug/L	—	J	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	14.6	—	—	2.20E+00	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	EQB	Svoa	SW-846:8270C	Methylnaphthalene[2-]	—	1.41	—	—	3.20E-01	ug/L	—	—	10-2219	CAPA-10-12790	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Svoa	SW-846:8270C	Methylnaphthalene[2-]	<	1.11	—	—	3.30E-01	ug/L	U	U	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Svoa	SW-846:8270C	Methylnaphthalene[2-]	<	1.09	—	—	3.30E-01	ug/L	U	U	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FD	Voa	SW-846:8260B	Chloroform	—	0.28	—	—	2.50E-01	ug/L	J	J	10-2219	CAPA-10-12791	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.28	—	—	2.50E-01	ug/L	J	J	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.41	—	—	2.50E-01	ug/L	J	J	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.41	—	—	2.50E-01	ug/L	J	J	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.59	—	—	3.00E-01	ug/L	J	J	10-2219	CAPA-10-12786	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FD	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	0.71	—	—	3.00E-01	ug/L	J	J	10-2219	CAPA-10-12791	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	0.72	—	—	3.00E-01	ug/L	J	J	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.1	—	—	3.00E-01	ug/L	—	—	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.29	—	—	3.00E-01	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FD	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	1.12	—	—	3.00E-01	ug/L	—	—	10-2219	CAPA-10-12791	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	1.21	—	—	3.00E-01	ug/L	—	—	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	4.32	—	—	3.00E-01	ug/L	—	—	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	1.05	—	—	3.00E-01	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FD	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	40.2	—	—	3.30E-01	ug/L	—	—	10-2219	CAPA-10-12791	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	39.9	—	—	3.30E-01	ug/L	—	—	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	70.7	—	—	3.30E-01	ug/L	—	—	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	65.1	—	—	3.30E-01	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	FD	Voa	SW-846:8260B	Trichloroethene	—	0.53	—	—	2.50E-01	ug/L	J	J	10-2219	CAPA-10-12791	GELC
03-B-13	7671	21.5	03/01/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.54	—	—	2.50E-01	ug/L	J	J	10-2219	CAPA-10-12788	GELC
03-B-13	7671	21.5	12/14/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.816	—	—	2.50E-01	ug/L	J	J	10-932	CAPA-10-6101	GELC
03-B-13	7671	21.5	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.61	—	—	2.50E-01	ug/L	J	J	09-3201	CAPA-09-12149	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.7	—	—	7.30E-01	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	44.6	—	—	7.30E-01	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.4	—	—	7.30E-01	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.2	—	—	7.30E-01	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.6	—	—	7.30E-01	mg/L	—	—	09-462	CAPA-09-1118	GELC

Table C-2 Pajarito 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
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	5.00E-02	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	3.00E-02	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	3.00E-02	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	3.00E-02	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	5.00E-02	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	3.00E-02	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	3.00E-02	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	3.00E-02	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	3.30E-01	mg/L	H	J-	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.7	—	—	1.30E-01	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.8	—	—	1.30E-01	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.8	—	—	1.30E-01	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.5	—	—	1.30E-01	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.138	—	—	3.30E-02	mg/L	—	J-	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	3.30E-02	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.137	—	—	3.30E-02	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.14	—	—	3.30E-02	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.143	—	—	3.30E-02	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.8	—	—	3.50E-01	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	3.50E-01	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54	—	—	3.50E-01	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54	—	—	3.50E-01	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.4	—	—	3.50E-01	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.4	—	—	3.50E-01	mg/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.2	—	—	3.50E-01	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.1	—	—	3.50E-01	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.1	—	—	3.50E-01	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.8	—	—	3.50E-01	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.7	—	—	8.50E-02	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.66	—	—	8.50E-02	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.63	—	—	8.50E-02	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	8.50E-02	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.59	—	—	8.50E-02	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.28	—	—	8.50E-02	mg/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.75	—	—	8.50E-02	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.68	—	—	8.50E-02	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	8.50E-02	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.59	—	—	8.50E-02	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.446	—	—	5.00E-02	mg/L	—	J	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.487	—	—	5.00E-02	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.387	—	—	1.00E-01	mg/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.321	—	—	5.00E-02	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.177	—	—	5.00E-02	mg/L	J	J-	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	5.00E-02	ug/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	5.00E-02	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.308	—	—	5.00E-02	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	5.00E-02	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.268	—	—	5.00E-02	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.36	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.16	—	—	5.00E-02	mg/L	—	—	09-3136	CAPA-09-12309	GELC

Table C-2 Pajarito 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
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3	—	—	5.00E-02	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.18	—	—	5.00E-02	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.34	—	—	5.00E-02	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.33	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.38	—	—	5.00E-02	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.04	—	—	5.00E-02	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.58	—	—	5.00E-02	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.35	—	—	5.00E-02	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	1.00E-01	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	4.50E-02	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	4.50E-02	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	4.50E-02	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.7	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	1.00E-01	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	4.50E-02	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1.00E+00	uS/cm	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	194	—	—	1.00E+00	uS/cm	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	195	—	—	1.00E+00	uS/cm	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.82	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.65	—	—	1.00E-01	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.94	—	—	1.00E-01	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.4	—	—	1.00E-01	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	1.00E-01	mg/L	—	J-	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.40E+00	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.40E+00	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.40E+00	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.40E+00	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.97	—	—	3.30E-01	mg/L	—	—	10-2057	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.66	—	—	3.30E-01	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.81	—	—	3.30E-01	mg/L	—	U	09-2093	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.52	—	—	3.30E-01	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.58	—	—	3.30E-01	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.78	—	—	1.00E-02	SU	H	J-	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.69	—	—	1.00E-02	SU	H	J-	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.75	—	—	1.00E-02	SU	H	J-	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.65	—	—	1.00E-02	SU	H	J-	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.77	—	—	1.00E-02	SU	H	J-	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	890	—	—	6.80E+01	ug/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	271	—	—	6.80E+01	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	659	—	—	6.80E+01	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	673	—	—	6.80E+01	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	637	—	—	6.80E+01	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	6190	—	—	6.80E+01	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1430	—	—	6.80E+01	ug/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	740	—	—	6.80E+01	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3190	—	—	6.80E+01	ug/L	—	—	09-1029	CAPA-09-4100	GELC

Table C-2 Pajarito 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
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1080	—	—	6.80E+01	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	82.1	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	75.7	—	—	1.00E+00	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.4	—	—	1.00E+00	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.3	—	—	1.00E+00	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	72.5	—	—	1.00E+00	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	110	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.4	—	—	1.00E+00	ug/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	79.3	—	—	1.00E+00	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	90.7	—	—	1.00E+00	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	72.6	—	—	1.00E+00	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.49	—	—	2.50E+00	ug/L	J	J	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.06	—	—	1.50E+00	ug/L	—	U	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.72	—	—	2.50E+00	ug/L	J	J	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.92	—	—	1.50E+00	ug/L	J	U	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	404	—	—	3.00E+01	ug/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	128	—	—	3.00E+01	ug/L	—	U	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	304	—	—	2.50E+01	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	319	—	—	2.50E+01	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	334	—	—	2.50E+01	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3020	—	—	3.00E+01	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	710	—	—	3.00E+01	ug/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	341	—	—	2.50E+01	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1660	—	—	2.50E+01	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	576	—	—	2.50E+01	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.69	—	—	5.00E-01	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.1	—	—	5.00E-01	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.02	—	—	2.00E+00	ug/L	J	J	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.02	—	—	2.00E+00	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.1	—	—	2.00E+00	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	47	—	—	2.00E+00	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.99	—	—	2.00E+00	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.36	—	—	2.00E+00	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.4	—	—	2.00E+00	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3	—	—	2.00E+00	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.528	—	—	1.00E-01	ug/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.41	—	—	1.00E-01	ug/L	J	J	09-3136	CAPA-09-12309	GELC

Table C-2 Pajarito 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
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.364	—	—	1.00E-01	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.36	—	—	1.00E-01	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.48	—	—	1.00E-01	ug/L	J	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.716	—	—	1.00E-01	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.401	—	—	1.00E-01	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.377	—	—	1.00E-01	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.44	—	—	1.00E-01	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.48	—	—	1.00E-01	ug/L	J	U	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.677	—	—	5.00E-01	ug/L	J	J	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.584	—	—	5.00E-01	ug/L	J	J	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.609	—	—	5.00E-01	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.61	—	—	5.00E-01	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.61	—	—	5.00E-01	ug/L	J	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	25	—	—	5.00E-01	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.611	—	—	5.00E-01	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.667	—	—	5.00E-01	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.7	—	—	5.00E-01	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.3	—	—	5.30E-02	mg/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.3	—	—	5.30E-02	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32	—	—	3.20E-02	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.8	—	—	3.20E-02	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.9	—	—	3.20E-02	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-12770	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.1	—	—	1.00E+00	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.8	—	—	1.00E+00	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.7	—	—	1.00E+00	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.1	—	—	1.00E+00	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.7	—	—	1.00E+00	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	92.1	—	—	1.00E+00	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	ug/L	U	U	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	ug/L	U	U	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	ug/L	U	U	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	ug/L	U	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.193	—	—	5.00E-02	ug/L	J	J	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	ug/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	5.00E-02	ug/L	U	U	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	5.00E-02	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.051	—	—	5.00E-02	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.59	—	—	1.00E+00	ug/L	J	J	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.26	—	—	1.00E+00	ug/L	J	U	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1.00E+00	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1.00E+00	ug/L	J	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.44	—	—	1.00E+00	ug/L	J	J	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.67	—	—	1.00E+00	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.24	—	—	1.00E+00	ug/L	J	U	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1.00E+00	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3136	CAPA-09-12309	GELC

Table C-2 Pajarito 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
18-BG-1	5741	10	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.26	—	—	2.00E+00	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2.00E+00	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/08/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2.00E+00	ug/L	J	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.54	—	—	3.30E+00	ug/L	J	J	10-2058	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.06	—	—	3.30E+00	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.39	—	—	2.00E+00	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6	—	—	2.00E+00	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/08/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00127	1.40E-03	2.60E-02	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0175	3.33E-03	4.00E-02	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00919	3.33E-03	4.10E-02	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00863	3.03E-03	4.50E-02	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00118	5.67E-04	3.10E-02	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00199	1.97E-03	2.50E-02	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00466	4.00E-03	4.00E-02	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00327	2.77E-03	3.90E-02	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.61	4.33E-01	4.60E+00	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.115	4.00E-01	3.90E+00	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.428	5.00E-01	4.60E+00	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.73	4.33E-01	4.00E+00	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.81	4.00E-01	3.60E+00	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.27	4.67E-01	4.70E+00	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.34	5.00E-01	4.80E+00	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0448	5.67E-01	4.80E+00	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.78	4.67E-01	4.20E+00	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0935	4.67E-01	4.40E+00	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.814	5.33E-01	5.10E+00	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.79	4.67E-01	3.90E+00	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.736	3.33E-01	3.60E+00	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.156	5.00E-01	4.90E+00	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.18	4.67E-01	4.10E+00	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.997	4.67E-01	4.80E+00	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/10/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.205	1.37E-01	1.58E+00	—	pCi/L	U	U	193554	GF07090G18B101	GELC
18-BG-1	5741	10	06/28/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.15	2.31E-01	2.13E+00	—	pCi/L	U	U	188896	GF07060G18B101	GELC
18-BG-1	5741	10	03/20/07	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.579	6.77E-02	6.11E-01	—	pCi/L	U	U	182907	GF07030G18B101	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.79	2.73E-01	2.10E+00	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.72	3.33E-01	2.50E+00	—	pCi/L	—	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/10/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.02	1.58E-01	1.39E+00	—	pCi/L	U	U	193554	GU07090G18B101	GELC
18-BG-1	5741	10	06/28/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.51	1.51E-01	1.61E+00	—	pCi/L	U	U	188896	GU07060G18B101	GELC
18-BG-1	5741	10	03/20/07	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.496	7.70E-02	7.09E-01	—	pCi/L	U	U	182907	GU07030G18B101	GELC
18-BG-1	5741	10	09/10/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.88	2.96E-01	2.63E+00	—	pCi/L	—	J	193554	GF07090G18B101	GELC
18-BG-1	5741	10	06/28/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4	2.30E-01	1.86E+00	—	pCi/L	—	J	188896	GF07060G18B101	GELC
18-BG-1	5741	10	03/20/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.38	3.01E-01	2.67E+00	—	pCi/L	—	J	182907	GF07030G18B101	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.55	3.27E-01	2.60E+00	—	pCi/L	—	—	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.19	4.67E-01	3.70E+00	—	pCi/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/10/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.87	3.14E-01	2.83E+00	—	pCi/L	—	J	193554	GU07090G18B101	GELC
18-BG-1	5741	10	06/28/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.71	2.58E-01	2.01E+00	—	pCi/L	—	J	188896	GU07060G18B101	GELC
18-BG-1	5741	10	03/20/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.21	3.77E-01	3.20E+00	—	pCi/L	—	J	182907	GU07030G18B101	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	32	9.00E+00	3.50E+01	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	58.5	1.53E+01	6.80E+01	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	228	3.33E+01	4.40E+02	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	52.9	5.67E+00	4.90E+01	—	pCi/L	—	U	10-2059	CAPA-10-12771	GELC

Table C-2 Pajarito 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
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	232	1.73E+01	1.30E+02	—	pCi/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.4	3.23E+00	2.70E+01	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62	1.47E+01	7.70E+01	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	245	3.67E+01	4.50E+02	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.57	3.33E+00	3.30E+01	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.6	3.67E+00	3.50E+01	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.01	4.33E+00	4.20E+01	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.08	3.67E+00	3.50E+01	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	22.8	4.00E+00	2.80E+01	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.253	3.10E+00	3.10E+01	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.5	3.13E+00	3.20E+01	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.5	3.33E+00	3.30E+01	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.00E-04	2.90E-02	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00838	1.97E-03	2.50E-02	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0044	1.27E-03	4.20E-02	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00776	2.97E-03	4.30E-02	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	2.90E-02	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00204	9.67E-04	3.10E-02	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00198	1.47E-03	2.30E-02	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00425	3.33E-03	4.10E-02	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00382	1.27E-03	3.30E-02	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00628	1.57E-03	3.30E-02	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0044	1.03E-03	4.50E-02	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.000314	1.97E-03	3.00E-02	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00325	7.67E-04	3.20E-02	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00408	1.93E-03	3.50E-02	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00794	1.87E-03	3.10E-02	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.23E-03	4.30E-02	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.42	6.00E+00	6.00E+01	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.9	8.00E+00	5.20E+01	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14.3	7.00E+00	7.60E+01	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.14	5.67E+00	5.60E+01	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-47.4	5.33E+00	4.70E+01	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	—	79.6	5.33E+00	4.40E+01	—	pCi/L	—	—	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.88	7.00E+00	7.10E+01	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.98	6.00E+00	5.80E+01	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.508	7.33E-02	6.30E-01	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.805	8.33E-02	5.60E-01	—	pCi/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.593	9.67E-02	8.70E-01	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.327	4.67E-02	3.90E-01	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/04/07	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.71	1.03E-01	5.00E-01	—	pCi/L	—	—	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.511	7.67E-02	6.90E-01	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.143	1.03E-01	1.10E+00	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.943	8.00E-02	5.80E-01	—	pCi/L	—	—	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.266	6.00E-02	6.00E-01	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/04/07	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.731	7.33E-02	5.60E-01	—	pCi/L	—	—	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.91	4.67E-01	3.60E+00	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.848	3.67E-01	3.10E+00	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.622	5.33E-01	4.50E+00	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.213	5.33E-01	5.20E+00	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1	3.67E-01	3.60E+00	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0108	3.33E-01	3.40E+00	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC

Table C-2 Pajarito 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
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.08	5.00E-01	4.30E+00	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.239	5.00E-01	4.80E+00	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.625	1.50E-01	1.50E+00	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00521	2.70E-02	3.10E-01	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.111	3.27E-02	3.40E-01	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.165	4.33E-02	4.60E-01	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0555	1.90E-02	1.90E-01	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0513	1.73E-02	1.80E-01	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.101	2.27E-02	3.00E-01	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0401	2.73E-02	3.00E-01	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	50.1301	5.32E-01	2.87E-01	—	pCi/L	—	—	10-2041	CAPA-10-12771	UMTL
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	51.7266	5.32E-01	2.87E-01	—	pCi/L	—	—	09-3165	CAPA-09-12311	UMTL
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	37.447504	1.93E+00	2.74E+00	—	pCi/L	—	U	08-1935	CAPA-08-14940	ARSL
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	53.0038	6.39E-01	2.87E-01	—	pCi/L	—	—	08-1453	CAPA-08-13527	UMTL
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	24.17101	2.48E+00	2.59E+00	—	pCi/L	—	—	08-749	CAPA-08-10936	ARSL
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0172	3.20E-03	6.60E-02	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0129	6.67E-03	1.50E-01	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0218	2.93E-03	8.50E-02	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.13	7.33E-03	5.50E-02	—	pCi/L	—	—	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0151	2.67E-03	1.10E-01	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0281	2.90E-03	6.40E-02	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0183	7.67E-03	1.70E-01	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0287	4.00E-03	8.40E-02	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00237	1.37E-03	3.50E-02	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0053	4.00E-03	8.40E-02	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.015	2.27E-03	4.40E-02	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00778	1.83E-03	4.30E-02	—	pCi/L	U	U	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00371	1.23E-03	5.50E-02	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00462	1.10E-03	3.40E-02	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00566	3.27E-03	9.00E-02	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00887	2.20E-03	4.30E-02	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	09/11/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0	1.57E-03	3.40E-02	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	06/20/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	-0.00857	4.00E-03	9.30E-02	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	03/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0145	2.00E-03	5.60E-02	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.138	7.67E-03	3.90E-02	—	pCi/L	—	—	10-2059	CAPA-10-12771	GELC
18-BG-1	5741	10	09/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.018	2.50E-03	5.50E-02	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	09/11/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.015	2.17E-03	3.40E-02	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	06/20/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00916	5.67E-03	1.00E-01	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	03/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0407	3.67E-03	5.50E-02	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1.00E+00	uS/cm	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	269	—	—	1.00E+00	uS/cm	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	258	—	—	1.00E+00	uS/cm	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	1.00E-02	SU	H	J-	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	1.00E-02	SU	H	J-	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	—	0.055	—	—	3.20E-02	ug/L	—	—	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	<	1.3	—	—	3.90E-01	ug/L	U	U	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	<	1.3	—	—	6.10E-01	ug/L	U	U	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	<	1.3	—	—	6.10E-01	ug/L	U	U	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Hexp	SW-846:8321	3,5-Dinitroaniline	<	1.3	—	—	6.10E-01	ug/L	U	U	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.22	—	—	5.10E-02	ug/L	—	—	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.237	—	—	1.00E-01	ug/L	J	J	09-3235	CAPA-09-12112	GELC

Table C-2 Pajarito 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
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.137	—	—	1.30E-01	ug/L	J	J	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.213	—	—	1.30E-01	ug/L	J	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.255	—	—	1.30E-01	ug/L	J	J	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.1	—	—	5.00E-02	ug/L	J	J	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.132	—	—	1.00E-01	ug/L	J	J	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	1.20E-01	ug/L	U	U	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.156	—	—	1.20E-01	ug/L	J	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.129	—	—	1.20E-01	ug/L	J	J	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.9	—	—	2.60E-02	ug/L	—	—	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	3.88	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.04	—	—	1.00E-01	ug/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	5.06	—	—	1.00E-01	ug/L	—	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	5.75	—	—	1.00E-01	ug/L	—	—	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	3.7	—	—	5.90E-02	ug/L	—	J-	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	4.88	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	2.73	—	—	1.30E-01	ug/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	5.47	—	—	1.30E-01	ug/L	—	—	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/08	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	6.88	—	—	1.30E-01	ug/L	—	—	09-486	CAPA-09-1106	GELC
Kieling Spring	—	—	03/10/10	WG	UF	CS	FD	Hexp	SW-846:8321	HMX	—	0.3	—	—	2.60E-02	ug/L	—	—	10-2411	CAPA-10-12707	STSL
Kieling Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.27	—	—	2.60E-02	ug/L	—	—	10-2411	CAPA-10-12706	STSL
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.122	—	—	1.00E-01	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.125	—	—	1.00E-01	ug/L	J	J	09-2165	CAPA-09-9308	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.125	—	—	1.00E-01	ug/L	J	J	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	03/10/10	WG	UF	CS	FD	Hexp	SW-846:8321	RDX	—	0.12	—	—	5.90E-02	ug/L	J	J-	10-2411	CAPA-10-12707	STSL
Kieling Spring	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.14	—	—	5.90E-02	ug/L	J	J-	10-2411	CAPA-10-12706	STSL
Kieling Spring	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.114	—	—	1.00E-01	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	<	0.325	—	—	1.30E-01	ug/L	U	U	09-2165	CAPA-09-9308	GELC
Kieling Spring	—	—	03/06/09	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.147	—	—	1.30E-01	ug/L	J	J	09-1140	CAPA-09-4081	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	600	—	—	1.00E+00	uS/cm	—	—	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	516	—	—	1.00E+00	uS/cm	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	708	—	—	1.00E+00	uS/cm	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	832	—	—	1.00E+00	uS/cm	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	12/17/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.93	—	—	1.00E-02	SU	H	J-	10-998	CAPA-10-6389	GELC
PCAO-5	8481	14.7	09/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	1.00E-02	SU	H	J-	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	06/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/02/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.84	—	—	1.00E-02	SU	H	J-	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	02/24/10	WG	UF	CS	FD	Voa	SW-846:8260B	Acetone	—	7.2	—	—	3.50E+00	ug/L	J	J	10-2101	CAPA-10-12866	GELC
PCAO-5	8481	14.7	02/24/10	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	6.65	—	—	3.50E+00	ug/L	J	J	10-2101	CAPA-10-12867	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	10-997	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-3116	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	09-2249	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-420	CAPA-09-1140	GELC
PCAO-5	8481	14.7	02/24/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.38	—	—	3.00E-01	ug/L	J	J	10-2101	CAPA-10-12868	GELC
PCAO-5	8481	14.7	12/17/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-997	CAPA-10-6390	GELC
PCAO-5	8481	14.7	09/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-3116	CAPA-09-12210	GELC
PCAO-5	8481	14.7	06/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.441	—	—	3.00E-01	ug/L	J	J	09-2249	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-420	CAPA-09-1140	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.000000835	—	—	8.35E-07	ug/L	J	J	10-2044	CAPA-10-12873	ALTC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000455	—	—	4.55E-06	ug/L	U	U	10-909	CAPA-10-6749	ALTC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000334	—	—	3.34E-06	ug/L	U	U	09-3277	CAPA-09-12214	ALTC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000618	—	—	6.18E-06	ug/L	U	U	09-2144	CAPA-09-9390	ALTC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000318	—	—	3.18E-06	ug/L	U	U	09-1014	CAPA-09-4342	ALTC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.000000835	—	—	8.35E-07	ug/L	—	—	10-2044	CAPA-10-12873	ALTC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000178	—	—	1.78E-06	ug/L	—	—	10-2044	CAPA-10-12871	ALTC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000455	—	—	4.55E-06	ug/L	U	U	10-909	CAPA-10-6749	ALTC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000334	—	—	3.34E-06	ug/L	U	U	09-3277	CAPA-09-12214	ALTC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000618	—	—	6.18E-06	ug/L	U	U	09-2144	CAPA-09-9390	ALTC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000318	—	—	3.18E-06	ug/L	U	U	09-1014	CAPA-09-4342	ALTC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.000000407	—	—	4.07E-07	ug/L	J	J	10-2044	CAPA-10-12873	ALTC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.00000179	—	—	1.79E-06	ug/L	U	U	10-909	CAPA-10-6749	ALTC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.0000019	—	—	1.90E-06	ug/L	U	U	09-3277	CAPA-09-12214	ALTC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.00000198	—	—	1.98E-06	ug/L	U	U	09-2144	CAPA-09-9390	ALTC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.00000154	—	—	1.54E-06	ug/L	U	U	09-1014	CAPA-09-4342	ALTC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.000000407	—	—	4.07E-07	ug/L	—	—	10-2044	CAPA-10-12873	ALTC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.00000202	—	—	2.02E-06	ug/L	U	U	10-909	CAPA-10-6749	ALTC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.0000019	—	—	1.90E-06	ug/L	U	U	09-3277	CAPA-09-12214	ALTC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.00000218	—	—	2.18E-06	ug/L	U	U	09-2144	CAPA-09-9390	ALTC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.00000158	—	—	1.58E-06	ug/L	U	U	09-1014	CAPA-09-4342	ALTC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	—	0.000000558	—	—	5.58E-07	ug/L	—	—	10-2044	CAPA-10-12871	ALTC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	<	0.00000186	—	—	1.86E-06	ug/L	U	U	10-909	CAPA-10-6749	ALTC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	<	0.00000177	—	—	1.77E-06	ug/L	U	U	09-3277	CAPA-09-12214	ALTC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	<	0.000002	—	—	2.00E-06	ug/L	U	U	09-2144	CAPA-09-9390	ALTC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	<	0.000000774	—	—	7.74E-07	ug/L	U	U	09-1014	CAPA-09-4342	ALTC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.7	—	—	7.30E-01	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.9	—	—	7.30E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	7.30E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54	—	—	7.30E-01	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.4	—	—	7.30E-01	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.119	—	—	6.60E-02	mg/L	J	J	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.12	—	—	6.60E-02	mg/L	J	J	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.096	—	—	6.70E-02	mg/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	52.6	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.4	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	46.7	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.6	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	44.1	—	—	3.00E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.9	—	—	3.00E-02	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	50.4	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.8	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	47.2	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	51.5	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	44.3	—	—	3.00E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	134	—	—	1.30E+00	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	137	—	—	1.30E+00	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	119	—	—	1.30E+00	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	147	—	—	6.60E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	107	—	—	1.30E+00	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	70	—	—	6.60E-01	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.0923	—	—	3.30E-02	mg/L	J	J	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0953	—	—	3.30E-02	mg/L	J	J	10-2046	CAPA-10-12872	GELC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0893	—	—	3.30E-02	mg/L	J	J	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	3.30E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0989	—	—	3.30E-02	mg/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	3.30E-02	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	191	—	—	3.50E-01	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	183	—	—	3.50E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	172	—	—	3.50E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	183	—	—	3.50E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	160	—	—	3.50E-01	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	120	—	—	3.50E-01	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	184	—	—	3.50E-01	mg/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	186	—	—	3.50E-01	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	173	—	—	3.50E-01	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	187	—	—	3.50E-01	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	161	—	—	3.50E-01	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	14.5	—	—	8.50E-02	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.8	—	—	8.50E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.4	—	—	8.50E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.8	—	—	8.50E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.1	—	—	8.50E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.25	—	—	8.50E-02	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	14.3	—	—	8.50E-02	mg/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.3	—	—	8.50E-02	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.5	—	—	8.50E-02	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.3	—	—	8.50E-02	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.2	—	—	8.50E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.3	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.25	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.72	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.61	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.91	—	—	5.00E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.74	—	—	1.00E-01	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.342	—	—	5.00E-02	ug/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	5.00E-02	ug/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.322	—	—	5.00E-02	ug/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.308	—	—	5.00E-02	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.256	—	—	5.00E-02	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.251	—	—	5.00E-02	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	5.98	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.73	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.31	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.89	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.49	—	—	5.00E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.71	—	—	5.00E-02	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	6.09	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.16	—	—	5.00E-02	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.44	—	—	5.00E-02	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.93	—	—	5.00E-02	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.83	—	—	5.00E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	49.9	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	50.9	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	48.3	—	—	1.00E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.5	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.1	—	—	4.50E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.5	—	—	4.50E-02	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	49.1	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	49	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.5	—	—	1.00E-01	mg/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.2	—	—	4.50E-02	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	677	—	—	1.00E+00	uS/cm	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	658	—	—	1.00E+00	uS/cm	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	611	—	—	1.00E+00	uS/cm	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	692	—	—	1.00E+00	uS/cm	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	544	—	—	1.00E+00	uS/cm	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	402	—	—	1.00E+00	uS/cm	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	13.9	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.9	—	—	1.00E-01	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.1	—	—	1.00E-01	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.3	—	—	1.00E-01	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.4	—	—	1.00E-01	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.2	—	—	1.00E-01	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	452	—	—	2.40E+00	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	464	—	—	2.40E+00	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	365	—	—	2.40E+00	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	471	—	—	2.40E+00	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	369	—	—	2.40E+00	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	240	—	—	2.40E+00	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	1.71	—	—	3.30E-01	mg/L	—	—	10-2045	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.84	—	—	3.30E-01	mg/L	—	—	10-2045	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.943	—	—	3.30E-01	mg/L	J	J	10-910	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.3	—	—	3.30E-01	mg/L	—	U	09-2146	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.998	—	—	3.30E-01	mg/L	J	J	09-1015	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/04/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.52	—	—	3.30E-01	mg/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.13	—	—	1.00E-02	SU	H	J-	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.07	—	—	1.00E-02	SU	H	J-	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.09	—	—	1.00E-02	SU	H	J-	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.78	—	—	1.00E-02	SU	H	J-	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.83	—	—	1.00E-02	SU	H	J-	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.95	—	—	1.00E-02	SU	H	J-	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	426	—	—	6.80E+01	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	383	—	—	6.80E+01	ug/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	431	—	—	6.80E+01	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	69.1	—	—	6.80E+01	ug/L	J	J	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	242	—	—	6.80E+01	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	305	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	298	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	267	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	286	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	224	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9392	GELC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	164	—	—	1.00E+00	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	300	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	296	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	275	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	301	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	233	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	193	—	—	2.50E+01	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	182	—	—	3.00E+01	ug/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	176	—	—	3.00E+01	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46	—	—	3.00E+01	ug/L	J	J	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	98	—	—	2.50E+01	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.6	—	—	2.00E+00	ug/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	12.9	—	—	2.00E+00	ug/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.1	—	—	2.00E+00	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.36	—	—	2.00E+00	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	EPA:245.2	Mercury	—	0.305	—	—	6.60E-02	ug/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.078	—	—	6.70E-02	ug/L	J	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.60E-02	ug/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	6.70E-02	ug/L	U	U	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.198	—	—	1.00E-01	ug/L	J	J	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.217	—	—	1.00E-01	ug/L	J	J	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.337	—	—	1.00E-01	ug/L	J	U	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.298	—	—	1.00E-01	ug/L	J	U	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.347	—	—	1.00E-01	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.39	—	—	1.00E-01	ug/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.3	—	—	1.00E-01	ug/L	J	J	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.315	—	—	1.00E-01	ug/L	J	J	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.413	—	—	1.00E-01	ug/L	J	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.303	—	—	1.00E-01	ug/L	J	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.356	—	—	1.00E-01	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.98	—	—	5.00E-01	ug/L	J	J	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.837	—	—	5.00E-01	ug/L	J	J	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.38	—	—	5.00E-01	ug/L	J	J	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.48	—	—	5.00E-01	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.998	—	—	5.00E-01	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	5.00E-01	ug/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.962	—	—	5.00E-01	ug/L	J	J	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.979	—	—	5.00E-01	ug/L	J	J	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.43	—	—	5.00E-01	ug/L	J	J	10-911	CAPA-10-6749	GELC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.67	—	—	5.00E-01	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.98	—	—	5.00E-01	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	33.2	—	—	5.30E-02	mg/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.9	—	—	5.30E-02	mg/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.6	—	—	5.30E-02	mg/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.9	—	—	5.30E-02	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.4	—	—	3.20E-02	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.2	—	—	3.20E-02	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	355	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	350	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	333	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	365	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	291	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	221	—	—	1.00E+00	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	348	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	350	—	—	1.00E+00	ug/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	334	—	—	1.00E+00	ug/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	377	—	—	1.00E+00	ug/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	293	—	—	1.00E+00	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.065	—	—	5.00E-02	ug/L	J	J	10-2046	CAPA-10-12874	GELC
PCAO-7a	8501	9.7	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.069	—	—	5.00E-02	ug/L	J	J	10-2046	CAPA-10-12872	GELC
PCAO-7a	8501	9.7	12/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.08	—	—	5.00E-02	ug/L	J	J	10-911	CAPA-10-6752	GELC
PCAO-7a	8501	9.7	09/17/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.092	—	—	5.00E-02	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.096	—	—	5.00E-02	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	5.00E-02	ug/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.114	—	—	5.00E-02	ug/L	J	J	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.118	—	—	5.00E-02	ug/L	J	J	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.108	—	—	5.00E-02	ug/L	J	J	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.083	—	—	5.00E-02	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.114	—	—	5.00E-02	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000666	6.33E-04	3.20E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0038	2.77E-03	4.00E-02	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.0106	4.00E-03	4.70E-02	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0122	2.27E-03	4.60E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000318	5.33E-04	2.90E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0256	2.47E-03	3.20E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00859	1.57E-03	3.40E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.34	4.00E-01	4.30E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.576	4.67E-01	4.60E+00	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	1.4	5.00E-01	5.30E+00	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.347	4.67E-01	4.50E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.315	5.67E-01	5.50E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.59	5.00E-01	4.40E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.72	5.00E-01	4.40E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.753	4.67E-01	4.30E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.555	4.00E-01	3.60E+00	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.919	5.33E-01	4.90E+00	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.352	5.00E-01	5.30E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.58	5.00E-01	5.50E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.991	6.00E-01	5.40E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.898	5.00E-01	5.20E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.249	2.60E-01	2.90E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.672	2.20E-01	2.30E+00	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	2.46	3.30E-01	2.20E+00	—	pCi/L	—	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.59	2.80E-01	2.30E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.24	2.80E-01	2.80E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.07	2.90E-01	2.90E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.969	2.73E-01	2.90E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.76	3.23E-01	2.40E+00	—	pCi/L	—	—	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.63	2.70E-01	2.20E+00	—	pCi/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	4.24	3.33E-01	2.90E+00	—	pCi/L	—	—	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.13	3.67E-01	2.80E+00	—	pCi/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.28	4.00E-01	2.00E+00	—	pCi/L	—	—	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.47	5.00E-01	4.10E+00	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.06	3.03E-01	2.00E+00	—	pCi/L	—	—	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79.3	2.73E+01	8.50E+01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	2.58	2.17E+00	1.60E+01	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	51.8	5.33E+00	6.40E+01	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	51.1	4.67E+00	3.60E+01	—	pCi/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.1	1.10E+01	8.20E+01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	108	9.00E+00	8.20E+01	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	55.7	1.63E+01	8.60E+01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.19	3.67E+00	3.70E+01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.5	4.00E+00	4.00E+01	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	25.1	4.00E+00	4.10E+01	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.54	3.33E+00	3.10E+01	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.8	4.33E+00	4.60E+01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.5	4.00E+00	4.10E+01	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.86	4.33E+00	4.10E+01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00173	5.67E-04	3.10E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00181	2.17E-03	2.60E-02	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00778	3.33E-03	4.80E-02	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0159	4.00E-03	5.20E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.67E-04	2.50E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00179	6.00E-04	3.00E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00316	7.33E-04	2.80E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0104	1.43E-03	3.20E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00181	2.17E-03	3.60E-02	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.000825	1.20E-03	3.40E-02	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00411	1.70E-03	3.70E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00345	8.00E-04	2.70E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00358	8.33E-04	2.90E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00633	1.07E-03	2.90E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	38.8	5.33E+00	6.10E+01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.167	5.00E+00	4.90E+01	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-0.378	6.33E+00	6.70E+01	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.78	6.00E+00	5.90E+01	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.39	7.00E+00	7.20E+01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.88	6.00E+00	6.40E+01	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.2	6.33E+00	5.80E+01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.767	8.33E-02	6.20E-01	—	pCi/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.319	5.67E-02	5.10E-01	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	09/08/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.744	7.00E-02	5.00E-01	—	pCi/L	—	—	08-1865	CAPA-08-14977	GELC
PCAO-7a	8501	9.7	06/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.105	4.33E-02	5.00E-01	—	pCi/L	U	U	08-1418	CAPA-08-13223	GELC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.648	8.00E-02	6.80E-01	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.783	9.00E-02	7.00E-01	—	pCi/L	—	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	09/08/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.894	7.33E-02	5.30E-01	—	pCi/L	—	—	08-1865	CAPA-08-14977	GELC
PCAO-7a	8501	9.7	06/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.616	6.33E-02	4.90E-01	—	pCi/L	—	—	08-1418	CAPA-08-13223	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.92	4.33E-01	3.70E+00	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.849	4.67E-01	4.50E+00	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-0.435	4.00E-01	3.80E+00	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.37	5.00E-01	5.20E+00	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.269	5.33E-01	5.30E+00	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.239	4.67E-01	4.70E+00	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.379	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00978	3.67E-02	4.30E-01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0909	2.90E-02	3.10E-01	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0327	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0283	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.222	3.33E-02	4.00E-01	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.147	2.70E-02	3.90E-01	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.128	3.33E-02	3.40E-01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	LLEE	Tritium	—	94.1935	1.06E+00	2.87E-01	—	pCi/L	—	—	10-2041	CAPA-10-12873	UMTL
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	91.9584	1.06E+00	2.87E-01	—	pCi/L	—	—	10-2041	CAPA-10-12871	UMTL
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	54.9196	6.39E-01	2.87E-01	—	pCi/L	—	—	10-954	CAPA-10-6749	UMTL
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	54.9196	6.39E-01	2.87E-01	—	pCi/L	—	—	09-3321	CAPA-09-12214	UMTL
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	53.9617	6.39E-01	2.87E-01	—	pCi/L	—	—	09-2149	CAPA-09-9390	UMTL
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	52.0459	5.32E-01	2.87E-01	—	pCi/L	—	—	09-1038	CAPA-09-4342	UMTL
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0352	4.00E-03	1.00E-01	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0279	3.67E-03	7.40E-02	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	<	0.0667	6.33E-03	8.70E-02	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0277	3.33E-03	5.30E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0633	5.00E-03	9.40E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0612	4.33E-03	7.10E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0246	3.33E-03	1.10E-01	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0161	2.43E-03	4.70E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00479	2.53E-03	3.50E-02	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00651	3.33E-03	6.80E-02	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00396	2.10E-03	4.10E-02	—	pCi/L	U	U	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.17E-03	4.90E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0149	2.07E-03	3.60E-02	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.30E-03	5.10E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	06/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0338	3.33E-03	4.70E-02	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	02/25/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0427	3.67E-03	4.40E-02	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.0399	5.33E-03	6.10E-02	—	pCi/L	U	U	10-2046	CAPA-10-12873	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0451	4.00E-03	3.70E-02	—	pCi/L	—	—	10-2046	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0258	3.33E-03	5.90E-02	—	pCi/L	U	U	10-911	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0461	3.67E-03	4.30E-02	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0308	3.67E-03	5.10E-02	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.43	—	—	3.00E-01	ug/L	J	J	10-2045	CAPA-10-12870	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	10-910	CAPA-10-6749	GELC
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-3276	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-2146	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-1015	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	02/23/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.42	—	—	2.50E-01	ug/L	J	J	10-2045	CAPA-10-12871	GELC
PCAO-7a	8501	9.7	12/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-910	CAPA-10-6749	GELC

Table C-2 Pajarito 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
PCAO-7a	8501	9.7	09/17/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	09-3276	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	06/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	09-2146	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	02/25/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	09-1015	CAPA-09-4342	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	25700	—	—	1.00E+00	uS/cm	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	3430	—	—	1.00E+00	uS/cm	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	09/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.5	—	—	1.00E-02	SU	H	J-	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	06/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.63	—	—	1.00E-02	SU	H	J-	09-2197	CAPA-09-9431	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	217	—	—	1.00E+00	uS/cm	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	244	—	—	1.00E+00	uS/cm	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	uS/cm	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	257	—	—	1.00E+00	uS/cm	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.11	—	—	3.30E-01	mg/L	—	—	10-2248	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.13	—	—	3.30E-01	mg/L	—	—	10-2248	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.58	—	—	3.30E-01	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.18	—	—	3.30E-01	mg/L	—	—	09-2178	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.86	—	—	3.30E-01	mg/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/03/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.51	—	—	3.30E-01	mg/L	—	—	09-436	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.34	—	—	1.00E-02	SU	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.46	—	—	1.00E-02	SU	H	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.48	—	—	1.00E-02	SU	H	J-	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.86	—	—	1.00E-02	SU	H	J-	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00573	1.13E-03	3.60E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00156	2.57E-03	3.80E-02	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00258	2.10E-03	4.40E-02	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0024	1.40E-03	4.30E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	8.33E-04	3.30E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0014	7.00E-04	3.80E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0107	1.53E-03	3.60E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000238	1.67E-03	4.00E-02	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.05	4.67E-01	4.20E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.865	4.67E-01	4.40E+00	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	1.87	5.33E-01	5.00E+00	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.176	2.70E-01	2.60E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.93	3.33E-01	3.20E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.47	5.33E-01	5.00E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.84	5.33E-01	4.30E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.06	4.67E-01	4.30E+00	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.2	5.00E-01	4.70E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.35	5.00E-01	4.50E+00	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.465	3.13E-01	3.30E+00	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.17	2.87E-01	3.00E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.598	3.30E-01	3.40E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.261	3.67E-01	3.90E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.498	4.00E-01	4.00E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.09	5.33E-01	5.90E+00	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.11	2.47E-01	2.40E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.252	2.10E-01	2.90E+00	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.458	1.97E-01	2.30E+00	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.269	2.03E-01	2.50E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.985	2.53E-01	2.60E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.62	2.67E-01	2.10E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.24	2.97E-02	1.60E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC

Table C-2 Pajarito 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
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.785	2.40E-01	2.70E+00	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.64	1.60E-01	1.20E+00	—	pCi/L	—	—	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.336	2.77E-01	2.90E+00	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	1.59	2.43E-01	2.20E+00	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.31	2.43E-01	2.30E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.87	4.67E-01	4.10E+00	—	pCi/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.95	4.33E-01	3.00E+00	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.59	1.73E-01	1.20E+00	—	pCi/L	—	—	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.51	2.40E-01	2.30E+00	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	—	124	1.37E+01	1.00E+02	—	pCi/L	—	—	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11	2.83E+00	2.10E+01	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	58.4	8.33E+00	9.80E+01	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	17.3	1.47E+00	1.50E+01	—	pCi/L	—	—	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.8	1.43E+01	5.30E+01	—	pCi/L	—	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	172	1.33E+01	7.90E+01	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.7	1.00E+01	5.80E+01	—	pCi/L	—	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	41.4	5.67E+00	2.80E+01	—	pCi/L	—	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.8	4.00E+00	3.80E+01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.45	3.23E+00	2.90E+01	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	0.318	3.27E+00	3.30E+01	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.84	2.10E+00	2.10E+01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.3	3.33E+00	3.40E+01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	25.4	5.33E+00	3.60E+01	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.5	3.67E+00	3.50E+01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.79	3.67E+00	3.70E+01	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00616	1.80E-03	3.70E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0018	2.00E-03	2.60E-02	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.00709	2.07E-03	4.50E-02	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00879	2.67E-03	4.60E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00633	1.57E-03	3.10E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00203	9.67E-04	3.40E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0132	1.80E-03	3.90E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.03E-03	2.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0041	1.93E-03	3.70E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00541	1.33E-03	3.60E-02	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00908	1.97E-03	3.20E-02	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0157	2.67E-03	3.20E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.73E-03	3.30E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00203	1.50E-03	3.30E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00877	1.47E-03	4.00E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00176	1.30E-03	3.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.73	6.00E+00	6.50E+01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-40.8	5.33E+00	4.90E+01	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	9.1	4.00E+00	4.30E+01	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.8	3.27E+00	3.60E+01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.3	5.33E+00	4.90E+01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.26	6.00E+00	5.10E+01	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	36.9	5.33E+00	6.00E+01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.5	6.33E+00	6.00E+01	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.502	6.33E-02	5.10E-01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.499	6.33E-02	4.50E-01	—	pCi/L	—	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	09/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.11	9.33E-02	4.80E-01	—	pCi/L	—	—	08-1894	CAPA-08-14990	GELC

Table C-2 Pajarito 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
PCAO-7c	8531	9.7	06/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.666	6.33E-02	3.80E-01	—	pCi/L	—	—	08-1418	CAPA-08-13123	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.349	7.00E-02	6.60E-01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.21	2.17E-01	1.70E+00	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	09/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.445	5.33E-02	4.60E-01	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	06/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.107	5.33E-02	5.50E-01	—	pCi/L	U	U	08-1418	CAPA-08-13123	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.14	4.00E-01	3.10E+00	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.66	4.00E-01	4.30E+00	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.211	3.23E-01	3.30E+00	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.82	2.63E-01	2.30E+00	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.98	3.67E-01	3.10E+00	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.98	4.33E-01	4.70E+00	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.602	4.33E-01	4.50E+00	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.59	5.33E-01	5.80E+00	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0106	4.33E-02	4.50E-01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.129	2.60E-02	2.50E-01	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.34	5.00E-02	4.60E-01	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0947	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.17	3.67E-02	4.40E-01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0994	4.33E-02	4.90E-01	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.126	3.67E-02	3.80E-01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.117	3.33E-02	3.70E-01	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	LLEE	Tritium	—	74.0776	8.51E-01	2.87E-01	—	pCi/L	—	—	10-2251	CAPA-10-12880	UMTL
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	77.2706	8.51E-01	2.87E-01	—	pCi/L	—	—	10-2251	CAPA-10-12876	UMTL
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	65.1372	7.45E-01	2.87E-01	—	pCi/L	—	—	10-954	CAPA-10-6758	UMTL
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	64.4986	6.39E-01	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12220	UMTL
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	46.2985	5.32E-01	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9395	UMTL
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	61.9442	7.45E-01	2.87E-01	—	pCi/L	—	—	09-1038	CAPA-09-4343	UMTL
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.00805	2.83E-03	1.10E-01	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0346	3.67E-03	7.60E-02	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	<	0.0402	4.33E-03	5.70E-02	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0344	3.67E-03	5.40E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0153	3.07E-03	1.00E-01	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.046	5.00E-03	8.30E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.000028	2.83E-03	1.20E-01	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0243	2.80E-03	8.00E-02	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.67E-03	5.20E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0049	2.00E-03	3.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0	1.33E-03	4.50E-02	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.27E-03	4.20E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00377	2.17E-03	5.20E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00577	1.37E-03	4.20E-02	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	2.17E-03	5.50E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0103	2.10E-03	3.70E-02	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0199	3.17E-03	5.20E-02	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	02/24/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0277	2.57E-03	4.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.0261	3.13E-03	4.10E-02	—	pCi/L	U	U	10-2250	CAPA-10-12880	GELC
PCAO-7c	8531	9.7	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00938	2.27E-03	3.80E-02	—	pCi/L	U	U	10-2250	CAPA-10-12876	GELC
PCAO-7c	8531	9.7	12/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0305	3.67E-03	6.30E-02	—	pCi/L	U	U	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	9.7	09/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.063	4.67E-03	5.10E-02	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0361	3.67E-03	5.50E-02	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	02/24/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0166	2.00E-03	4.70E-02	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	534	—	—	1.00E+00	uS/cm	—	—	08-1970	CAPA-08-15003	GELC

Table C-2 Pajarito 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
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	620	—	—	1.00E+00	uS/cm	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	09/17/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	1.00E-02	SU	H	J-	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	06/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.36	—	—	1.00E-02	SU	H	J-	08-1462	CAPA-08-13130	GELC
PCI-2	8851	512	12/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	107	—	—	1.00E+00	uS/cm	—	—	10-938	CAPA-10-6785	GELC
PCI-2	8851	512	09/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	uS/cm	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	06/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	107	—	—	1.00E+00	uS/cm	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	03/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.04	—	—	3.30E-01	mg/L	—	—	10-2225	CAPA-10-12892	GELC
PCI-2	8851	512	12/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-937	CAPA-10-6784	GELC
PCI-2	8851	512	06/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.8	—	—	3.30E-01	mg/L	J	J	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	12/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	1.00E-02	SU	H	J-	10-938	CAPA-10-6785	GELC
PCI-2	8851	512	09/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.53	—	—	1.00E-02	SU	H	J-	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	06/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	1.00E-02	SU	H	J-	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	03/01/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12892	UMTL
PCI-2	8851	512	12/14/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6784	UMTL
PCI-2	8851	512	09/04/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.19158	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12259	UMTL
PCI-2	8851	512	06/11/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01	—	pCi/L	U	U	09-2353	CAPA-09-9615	UMTL
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	259	—	—	1.00E+00	uS/cm	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1.00E+00	uS/cm	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1.00E+00	uS/cm	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J-	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	1.00E-02	SU	H	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	1.00E-02	SU	H	J-	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.15	—	—	5.10E-02	ug/L	J	J	10-2411	CAPA-10-12694	STSL

Table C-2 Pajarito 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
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.00E-01	ug/L	U	U	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.30E-01	ug/L	U	U	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.30E-01	ug/L	U	U	09-486	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	<	0.325	—	—	1.30E-01	ug/L	U	U	08-1931	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	3.9	—	—	2.60E-02	ug/L	—	—	10-2411	CAPA-10-12694	STSL
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.87	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.941	—	—	1.00E-01	ug/L	—	J	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.872	—	—	1.00E-01	ug/L	—	—	09-486	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.07	—	—	1.00E-01	ug/L	—	—	08-1931	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/10/10	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	3	—	—	5.90E-02	ug/L	—	J-	10-2411	CAPA-10-12694	STSL
Pajarito below confluences of South and North Anchor East Basin	—	—	09/15/09	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	1.94	—	—	1.00E-01	ug/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	03/06/09	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.763	—	—	1.30E-01	ug/L	—	—	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/08	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	1.05	—	—	1.30E-01	ug/L	—	—	09-486	CAPA-09-1073	GELC

Table C-2 Pajarito 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
Pajarito below confluences of South and North Anchor East Basin	—	—	09/12/08	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.72	—	—	1.30E-01	ug/L	—	—	08-1931	CAPA-08-14889	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	7.30E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.4	—	—	7.30E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.7	—	—	7.30E-01	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.6	—	—	7.30E-01	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.81	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	3.00E-02	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.49	—	—	3.00E-02	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.91	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	3.00E-02	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.48	—	—	3.00E-02	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.73	—	—	6.60E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.8	—	—	6.60E-02	mg/L	—	J+	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.88	—	—	6.60E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.96	—	—	6.60E-02	mg/L	—	J+	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	6.60E-02	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	3.30E-02	mg/L	—	J-	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	3.30E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.512	—	—	3.30E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.344	—	—	3.30E-02	mg/L	—	J+	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.245	—	—	3.30E-02	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.3	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.6	—	—	3.50E-01	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.2	—	—	3.50E-01	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.1	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.5	—	—	3.50E-01	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35	—	—	3.50E-01	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.79	—	—	8.50E-02	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	8.50E-02	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.232	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12162	GELC

Table C-2 Pajarito 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-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.24	—	—	5.00E-02	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	5.00E-02	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	5.00E-02	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.41	—	—	5.00E-02	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.08	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.06	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.02	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.29	—	—	1.00E-01	mg/L	—	J+	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.18	—	—	1.00E-01	mg/L	—	J-	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.40E+00	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.40E+00	mg/L	—	J	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.427	—	—	3.30E-01	mg/L	J	J	10-2374	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.655	—	—	3.30E-01	mg/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.554	—	—	3.30E-01	mg/L	J	J	09-3205	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.867	—	—	3.30E-01	mg/L	J	J	09-2057	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.527	—	—	3.30E-01	mg/L	J	J	09-1059	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J-	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.3	—	—	1.50E+00	ug/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5.44	—	—	1.50E+00	ug/L	—	U	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.8	—	—	1.50E+00	ug/L	J	U	09-1060	CAPA-09-4305	GELC

Table C-2 Pajarito 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-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2	—	—	1.50E+00	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	4.31	—	—	1.50E+00	ug/L	J	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	7	—	—	1.50E+00	ug/L	—	U	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.1	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.1	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.7	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.3	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.5	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.8	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.8	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.1	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	55.9	—	—	3.00E+01	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	49.7	—	—	3.00E+01	ug/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25.4	—	—	2.50E+01	ug/L	J	J	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	40	—	—	2.50E+01	ug/L	J	J	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.65	—	—	5.00E-01	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.556	—	—	5.00E-01	ug/L	J	J	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.916	—	—	5.00E-01	ug/L	J	J	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	5.00E-01	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.734	—	—	5.00E-01	ug/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.772	—	—	5.00E-01	ug/L	J	J	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.13	—	—	5.00E-01	ug/L	J	J	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	5.00E-01	ug/L	J	J	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73	—	—	5.30E-02	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.4	—	—	5.30E-02	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.7	—	—	5.30E-02	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	3.20E-02	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73	—	—	3.20E-02	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.8	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.3	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.4	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.8	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.5	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.4	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.547	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12162	GELC

Table C-2 Pajarito 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-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.512	—	—	5.00E-02	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	5.00E-02	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.499	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.543	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.503	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.583	—	—	5.00E-02	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1.00E+00	ug/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.41	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.63	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.89	—	—	1.00E+00	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.71	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.31	—	—	3.30E+00	ug/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.46	—	—	3.30E+00	ug/L	J	J	10-976	CAPA-10-6171	GELC
R-17	7031	1057	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.44	—	—	3.30E+00	ug/L	J	J	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.68	—	—	2.00E+00	ug/L	J	J	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.6	—	—	2.00E+00	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.17	—	—	3.30E+00	ug/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	3.30E+00	ug/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5	—	—	3.30E+00	ug/L	J	J	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.6	—	—	2.00E+00	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	2.00E+00	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0185	4.00E-03	2.70E-02	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	1.60E-03	3.90E-02	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00288	3.67E-03	4.30E-02	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0177	2.13E-03	2.60E-02	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000458	1.13E-03	4.30E-02	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00293	1.60E-03	2.60E-02	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00257	2.50E-03	4.00E-02	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00578	3.10E-03	4.30E-02	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.05	4.67E-01	5.00E+00	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.471	4.00E-01	4.00E+00	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.803	3.67E-01	3.60E+00	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.517	4.00E-01	4.00E+00	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.593	3.67E-01	3.60E+00	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	5.00E-01	4.20E+00	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3	5.00E-01	5.60E+00	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.117	2.93E-01	2.80E+00	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.105	4.67E-01	4.60E+00	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.38	4.00E-01	2.80E+00	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.551	4.00E-01	3.70E+00	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.329	3.67E-01	3.80E+00	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.191	3.67E-01	3.60E+00	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.613	4.33E-01	4.20E+00	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.08	4.67E-01	3.30E+00	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.46	4.00E-01	3.30E+00	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	16.4	5.00E+00	3.00E+01	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC

Table C-2 Pajarito 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-17	7031	1057	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	103	5.33E+01	2.90E+02	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.9	3.23E+01	2.30E+02	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	35	4.00E+00	2.80E+01	—	pCi/L	—	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	43.6	9.67E+00	5.10E+01	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.18	2.37E+00	3.20E+01	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	97.6	1.97E+01	3.10E+02	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	54.7	2.63E+01	1.70E+02	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.5	3.00E+00	2.60E+01	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.62	4.00E+00	3.40E+01	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.2	3.13E+00	2.50E+01	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.9	3.67E+00	3.40E+01	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.05	2.67E+00	2.50E+01	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.1	3.33E+00	3.30E+01	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.5	3.67E+00	3.60E+01	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.21	2.10E+00	2.00E+01	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0087	1.93E-03	4.40E-02	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00192	2.47E-03	2.30E-02	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0142	4.33E-03	4.30E-02	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0209	2.23E-03	3.60E-02	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0045	1.30E-03	3.80E-02	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.73E-10	1.37E-03	4.40E-02	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	2.00E-02	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00221	5.33E-03	4.10E-02	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0058	1.93E-03	5.00E-02	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00576	1.70E-03	3.10E-02	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00474	3.17E-03	4.20E-02	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	2.49E-10	1.40E-03	2.50E-02	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00675	2.27E-03	3.60E-02	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	3.45E-10	1.93E-03	5.00E-02	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00492	9.67E-04	2.70E-02	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0133	3.30E-03	4.00E-02	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.39	6.67E+00	7.00E+01	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.5	5.67E+00	5.40E+01	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.5	4.00E+00	4.70E+01	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.49	5.33E+00	5.40E+01	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.2	5.67E+00	4.20E+01	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.3	7.67E+00	2.60E+01	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.3	6.33E+00	5.60E+01	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.7	6.67E+00	3.50E+01	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.227	3.33E-02	2.80E-01	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.344	5.67E-02	4.80E-01	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.674	8.33E-02	6.80E-01	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.33	4.33E-02	3.20E-01	—	pCi/L	—	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/05/07	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.55	5.33E-02	4.00E-01	—	pCi/L	—	—	08-353	CAPA-08-9327	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0303	4.67E-02	5.30E-01	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.09	1.73E-01	1.10E+00	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.14	4.00E-02	4.10E-01	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.367	5.33E-02	4.80E-01	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/05/07	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.573	5.67E-02	4.40E-01	—	pCi/L	—	—	08-353	CAPA-08-9327	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.56	4.67E-01	3.50E+00	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.42	3.33E-01	2.90E+00	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.65	3.67E-01	3.30E+00	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC

Table C-2 Pajarito 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-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.766	3.30E-01	3.60E+00	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0164	3.10E-01	3.10E+00	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.522	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.00454	5.00E-01	4.80E+00	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.736	3.67E-01	3.70E+00	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.143	2.43E-02	2.60E-01	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.132	4.33E-02	4.50E-01	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.154	4.67E-02	4.70E-01	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0556	4.67E-02	5.40E-01	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.573	5.00E-02	4.00E-01	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/11/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	-0.063	4.33E-02	4.90E-01	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0085	2.33E-02	2.40E-01	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.165	4.33E-02	4.30E-01	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.146	3.33E-02	4.70E-01	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.6386	9.58E-02	2.87E-01	—	pCi/L	—	U	10-2383	CAPA-10-12798	UMTL
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.3193	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3246	CAPA-09-12163	UMTL
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1900	CAPA-08-15034	UMTL
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1453	CAPA-08-13161	UMTL
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	08-817	CAPA-08-11027	UMTL
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.397	1.23E-02	7.00E-02	—	pCi/L	—	—	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.43	1.37E-02	8.60E-02	—	pCi/L	—	—	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.349	1.10E-02	7.00E-02	—	pCi/L	—	—	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.414	1.47E-02	4.50E-02	—	pCi/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.371	1.43E-02	1.10E-01	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.371	1.77E-02	1.50E-01	—	pCi/L	—	—	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.429	1.33E-02	8.20E-02	—	pCi/L	—	—	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.304	1.07E-02	7.80E-02	—	pCi/L	—	—	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0151	2.40E-03	3.70E-02	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0177	2.80E-03	4.40E-02	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0223	2.53E-03	3.60E-02	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00937	1.83E-03	3.50E-02	—	pCi/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00369	3.27E-03	5.40E-02	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00552	5.67E-03	8.20E-02	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00842	2.47E-03	4.20E-02	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0221	2.63E-03	4.00E-02	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	09/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.199	7.67E-03	3.70E-02	—	pCi/L	—	—	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	06/18/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.21	8.67E-03	5.20E-02	—	pCi/L	—	—	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	03/13/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.147	6.67E-03	4.60E-02	—	pCi/L	—	—	08-804	CAPA-08-11028	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.197	9.00E-03	3.20E-02	—	pCi/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	9.33E-03	6.50E-02	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	09/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.201	1.20E-02	8.00E-02	—	pCi/L	—	—	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	06/18/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.163	7.33E-03	5.00E-02	—	pCi/L	—	—	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	03/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.156	7.33E-03	5.10E-02	—	pCi/L	—	—	08-804	CAPA-08-11027	GELC
R-17	7031	1057	03/08/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	19	—	—	3.50E+00	ug/L	—	J	10-2374	CAPA-10-12796	GELC
R-17	7031	1057	12/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	10-976	CAPA-10-6173	GELC
R-17	7031	1057	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	09-3205	CAPA-09-12163	GELC
R-17	7031	1057	05/27/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-2057	CAPA-09-9367	GELC
R-17	7031	1057	03/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-1059	CAPA-09-4307	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.2	—	—	7.30E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.9	—	—	7.30E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.6	—	—	7.30E-01	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.6	—	—	7.30E-01	mg/L	—	—	09-2058	CAPA-09-9371	GELC

Table C-2 Pajarito 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-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.4	—	—	7.30E-01	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.07	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.46	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.01	—	—	3.00E-02	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.4	—	—	3.00E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.13	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.17	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.86	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.09	—	—	3.00E-02	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.46	—	—	3.00E-02	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	6.60E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.56	—	—	6.60E-02	mg/L	—	J+	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.63	—	—	6.60E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.69	—	—	6.60E-02	mg/L	—	J+	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.62	—	—	6.60E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.17	—	—	3.30E-02	mg/L	—	J-	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.389	—	—	3.30E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.369	—	—	3.30E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.316	—	—	3.30E-02	mg/L	—	J+	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.214	—	—	3.30E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.2	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.3	—	—	3.50E-01	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.4	—	—	3.50E-01	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.1	—	—	3.50E-01	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	3.50E-01	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	3.50E-01	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.7	—	—	3.50E-01	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	3.50E-01	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	8.50E-02	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	8.50E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.378	—	—	5.00E-02	mg/L	—	J	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.32	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.37	—	—	5.00E-02	mg/L	—	J	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.324	—	—	5.00E-02	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.291	—	—	5.00E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.251	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	5.00E-02	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.269	—	—	5.00E-02	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC

Table C-2 Pajarito 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-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.51	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.21	—	—	5.00E-02	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	5.00E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	5.00E-02	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	5.00E-02	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	5.00E-02	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	5.00E-02	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.88	—	—	4.50E-02	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.83	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	uS/cm	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1.00E+00	uS/cm	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	uS/cm	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	uS/cm	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.73	—	—	1.00E-01	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.74	—	—	1.00E-01	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.67	—	—	1.00E-01	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	J+	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.65	—	—	1.00E-01	mg/L	—	J-	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	118	—	—	2.40E+00	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	J	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.738	—	—	3.30E-01	mg/L	J	J	10-2374	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.415	—	—	3.30E-01	mg/L	J	J	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-3205	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.404	—	—	3.30E-01	mg/L	J	J	09-2057	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1059	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.63	—	—	1.50E+00	ug/L	J	J	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	4.6	—	—	1.50E+00	ug/L	J	U	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	7.1	—	—	1.50E+00	ug/L	—	U	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.4	—	—	1.50E+00	ug/L	J	J	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.2	—	—	1.50E+00	ug/L	J	U	09-3206	CAPA-09-12166	GELC

Table C-2 Pajarito 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-17	7041	1124	05/27/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	7.1	—	—	1.50E+00	ug/L	—	U	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.4	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.7	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.2	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.5	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.3	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78.8	—	—	5.30E-02	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	80.1	—	—	5.30E-02	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.8	—	—	5.30E-02	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.2	—	—	3.20E-02	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.6	—	—	3.20E-02	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.1	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.2	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41.5	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41.9	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	41.9	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.1	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.1	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.423	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.472	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.417	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	5.00E-02	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.39	—	—	5.00E-02	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.446	—	—	5.00E-02	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.461	—	—	5.00E-02	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	5.00E-02	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.422	—	—	5.00E-02	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	5.00E-02	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.56	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.49	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	1124	09/11/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.19	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	05/27/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.35	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	03/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.44	—	—	1.00E+00	ug/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.05	—	—	1.00E+00	ug/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.38	—	—	1.00E+00	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.33	—	—	1.00E+00	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0113	1.87E-03	2.80E-02	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0041	1.73E-03	3.80E-02	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00157	1.20E-03	4.30E-02	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000393	8.67E-04	2.50E-02	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00186	8.00E-04	4.20E-02	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC

Table C-2 Pajarito 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-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000239	1.07E-03	3.10E-02	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00422	2.07E-03	4.00E-02	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00714	1.17E-03	4.10E-02	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0203	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.9	5.00E-01	5.30E+00	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.346	3.27E-01	3.10E+00	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.13	4.67E-01	4.10E+00	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.03	4.33E-01	3.50E+00	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.8	5.00E-01	4.30E+00	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.491	4.67E-01	4.70E+00	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.53	6.33E-01	5.30E+00	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0342	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.927	4.33E-01	4.40E+00	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.49	3.67E-01	4.00E+00	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.46	4.00E-01	3.00E+00	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.109	4.00E-01	4.00E+00	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.18	5.00E-01	4.40E+00	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.115	6.33E-01	6.30E+00	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.78	5.67E-01	4.90E+00	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	32.3	1.07E+01	3.40E+01	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	91.1	2.20E+01	2.30E+02	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	96.5	2.90E+01	2.70E+02	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.6	2.10E+00	9.60E+00	—	pCi/L	—	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	118	1.77E+01	8.40E+01	—	pCi/L	—	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	2.41	4.33E-01	1.20E+01	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	155	2.63E+01	3.70E+02	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	101	6.33E+01	3.40E+02	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.3	3.10E+00	3.10E+01	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.7	4.33E+00	3.50E+01	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.58	2.47E+00	2.20E+01	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.47	3.20E+00	3.10E+01	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.7	3.23E+00	3.10E+01	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.3	3.23E+00	3.30E+01	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.47	3.67E+00	3.60E+01	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.38	2.47E+00	2.20E+01	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00309	1.80E-03	4.30E-02	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00179	1.03E-03	2.10E-02	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00228	3.67E-03	4.40E-02	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0328	3.23E-03	3.80E-02	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00268	1.27E-03	4.50E-02	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00677	2.27E-03	5.10E-02	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00399	2.30E-03	2.40E-02	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.96E-09	3.20E-03	4.00E-02	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00309	1.03E-03	5.30E-02	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0107	1.47E-03	2.90E-02	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00456	1.87E-03	4.70E-02	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0153	2.43E-03	2.60E-02	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00535	2.20E-03	4.30E-02	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0135	2.77E-03	5.80E-02	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.63E-03	3.20E-02	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00205	2.47E-03	4.20E-02	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.9	6.00E+00	6.40E+01	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC

Table C-2 Pajarito 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-17	7041	1124	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.8	6.33E+00	6.10E+01	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.9	4.33E+00	4.10E+01	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.1	5.33E+00	5.50E+01	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.6	4.33E+00	4.20E+01	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34.3	5.00E+00	5.90E+01	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.5	5.67E+00	2.30E+01	—	pCi/L	UI	R	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.2	6.00E+00	5.70E+01	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.212	4.00E-02	3.70E-01	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0813	3.33E-02	4.10E-01	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.817	7.00E-02	3.90E-01	—	pCi/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.944	6.33E-02	2.00E-01	—	pCi/L	—	—	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/06/07	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.95	1.07E-01	4.40E-01	—	pCi/L	—	—	08-369	CAPA-08-9332	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.207	6.33E-02	6.40E-01	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.69	1.07E-01	9.60E-01	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.139	3.67E-02	3.70E-01	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.112	4.67E-02	5.70E-01	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/06/07	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.46	1.10E-01	7.30E-01	—	pCi/L	—	—	08-369	CAPA-08-9332	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.41	4.00E-01	4.50E+00	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.14	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.17	3.17E-01	2.80E+00	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.612	4.33E-01	4.60E+00	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.24	3.33E-01	3.10E+00	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.803	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.72	5.33E-01	4.90E+00	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.462	7.33E-01	5.90E+00	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.591	3.67E-02	4.00E-01	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0113	3.67E-02	4.10E-01	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.336	5.00E-02	4.90E-01	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0976	4.67E-02	4.90E-01	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.52	9.33E-02	4.00E-01	—	pCi/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/11/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	-0.0172	4.33E-02	5.00E-01	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.109	2.27E-02	2.40E-01	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00231	4.67E-02	5.10E-01	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.206	4.33E-02	4.40E-01	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12801	UMTL
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3246	CAPA-09-12166	UMTL
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1900	CAPA-08-15035	UMTL
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1453	CAPA-08-13164	UMTL
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	08-817	CAPA-08-11033	UMTL
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.287	1.03E-02	8.00E-02	—	pCi/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.232	1.00E-02	8.40E-02	—	pCi/L	—	—	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.312	1.07E-02	7.50E-02	—	pCi/L	—	—	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.31	1.20E-02	4.40E-02	—	pCi/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.318	1.60E-02	1.80E-01	—	pCi/L	—	J+	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.259	9.67E-03	7.00E-02	—	pCi/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.293	1.07E-02	8.20E-02	—	pCi/L	—	—	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.296	1.00E-02	7.50E-02	—	pCi/L	—	—	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00573	2.33E-03	4.30E-02	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0116	3.07E-03	4.40E-02	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00797	2.00E-03	3.90E-02	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00921	2.30E-03	3.50E-02	—	pCi/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	5.00E-03	9.30E-02	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC

Table C-2 Pajarito 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-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00504	2.67E-03	3.70E-02	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.017	2.70E-03	4.30E-02	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0102	1.70E-03	3.80E-02	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	09/09/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.171	7.67E-03	4.20E-02	—	pCi/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	06/18/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.171	7.67E-03	5.10E-02	—	pCi/L	—	—	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	03/13/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.148	6.67E-03	4.90E-02	—	pCi/L	—	—	08-804	CAPA-08-11031	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.161	7.67E-03	3.10E-02	—	pCi/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0867	8.33E-03	1.10E-01	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	09/09/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.137	6.67E-03	3.70E-02	—	pCi/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	06/18/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	8.00E-03	5.00E-02	—	pCi/L	—	—	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	03/13/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.171	7.00E-03	5.10E-02	—	pCi/L	—	—	08-804	CAPA-08-11033	GELC
R-17	7041	1124	03/08/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	16.3	—	—	3.50E+00	ug/L	—	J	10-2374	CAPA-10-12802	GELC
R-17	7041	1124	12/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	10-976	CAPA-10-6175	GELC
R-17	7041	1124	09/11/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	09-3205	CAPA-09-12166	GELC
R-17	7041	1124	05/27/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-2057	CAPA-09-9370	GELC
R-17	7041	1124	03/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-1059	CAPA-09-4310	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1.00E+00	uS/cm	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1.00E+00	uS/cm	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	09-2077	CAPA-09-9403	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.9	—	—	7.30E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71	—	—	7.30E-01	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.9	—	—	7.30E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.8	—	—	7.30E-01	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.058	—	—	1.60E-02	mg/L	—	J-	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.032	—	—	1.60E-02	mg/L	J	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	3.00E-02	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	3.00E-02	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	3.00E-02	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	3.00E-02	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.54	—	—	6.60E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.62	—	—	6.60E-02	mg/L	H	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.67	—	—	6.60E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.7	—	—	6.60E-02	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.488	—	—	3.30E-02	mg/L	—	J-	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.735	—	—	3.30E-02	mg/L	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.849	—	—	3.30E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	09/10/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.671	—	—	3.30E-02	mg/L	H	J-	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.451	—	—	3.30E-02	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.7	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	3.50E-01	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	3.50E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.4	—	—	3.50E-01	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.3	—	—	3.50E-01	mg/L	—	—	09-1196	CAPA-09-4290	GELC

Table C-2 Pajarito 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-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.8	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.3	—	—	3.50E-01	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.1	—	—	3.50E-01	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	3.50E-01	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.7	—	—	3.50E-01	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	8.50E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	8.50E-02	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	J	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	8.50E-02	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.492	—	—	5.00E-02	mg/L	—	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.327	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.385	—	—	5.00E-02	mg/L	—	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.409	—	—	5.00E-02	mg/L	—	J+	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.35	—	—	5.00E-02	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	5.00E-02	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.357	—	—	5.00E-02	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.01	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.02	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.965	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.04	—	—	5.00E-02	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.897	—	—	5.00E-02	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.991	—	—	5.00E-02	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.931	—	—	5.00E-02	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.06	—	—	5.00E-02	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.963	—	—	5.00E-02	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	4.50E-02	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	1.00E-01	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	1.00E-01	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	4.50E-02	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1.00E+00	uS/cm	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1.00E+00	uS/cm	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1.00E+00	uS/cm	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.19	—	—	1.00E-01	mg/L	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.13	—	—	1.00E-01	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.18	—	—	1.00E-01	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.40E+00	mg/L	—	—	10-2184	CAPA-10-12793	GELC

Table C-2 Pajarito 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-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.40E+00	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.439	—	—	3.30E-01	mg/L	J	J	10-2183	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.498	—	—	3.30E-01	mg/L	J	J	09-3209	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.924	—	—	3.30E-01	mg/L	J	J	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.384	—	—	3.30E-01	mg/L	J	J	09-1195	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.37	—	—	1.00E-02	SU	H	J-	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.39	—	—	1.00E-02	SU	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.29	—	—	1.00E-02	SU	H	J-	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.6	—	—	1.00E+00	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.6	—	—	1.00E+00	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.5	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.2	—	—	1.00E+00	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.8	—	—	1.00E+00	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.25	—	—	2.00E+00	ug/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.61	—	—	2.00E+00	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.8	—	—	2.00E+00	ug/L	J	J	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.36	—	—	1.00E-01	ug/L	—	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	1.00E-01	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	1.00E-01	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	1.00E-01	ug/L	—	J	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	1.00E-01	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.55	—	—	1.00E-01	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.2	—	—	1.00E-01	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.51	—	—	5.00E-01	ug/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.682	—	—	5.00E-01	ug/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.745	—	—	5.00E-01	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.727	—	—	5.00E-01	ug/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.28	—	—	5.00E-01	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	28.6	—	—	5.00E-01	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.4	—	—	5.30E-02	mg/L	—	—	10-2184	CAPA-10-12793	GELC

Table C-2 Pajarito 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-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	5.30E-02	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.9	—	—	5.30E-02	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.1	—	—	3.20E-02	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.2	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.5	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	68.7	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.6	—	—	1.00E+00	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.2	—	—	1.00E+00	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74.2	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.7	—	—	1.00E+00	ug/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.3	—	—	1.00E+00	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.3	—	—	1.00E+00	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1.00E+00	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.285	—	—	5.00E-02	ug/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.323	—	—	5.00E-02	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.294	—	—	5.00E-02	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	5.00E-02	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.284	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.287	—	—	5.00E-02	ug/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.333	—	—	5.00E-02	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.278	—	—	5.00E-02	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.23	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.26	—	—	1.00E+00	ug/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.55	—	—	1.00E+00	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.84	—	—	1.00E+00	ug/L	J	J	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.7	—	—	1.00E+00	ug/L	J	J	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.16	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.26	—	—	1.00E+00	ug/L	J	J	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.67	—	—	1.00E+00	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1.00E+00	ug/L	J	J	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	J	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.08	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4	—	—	3.30E+00	ug/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	909.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.84	—	—	3.30E+00	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.73	—	—	2.00E+00	ug/L	J	J	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2.00E+00	ug/L	J	J	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.12	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.3	—	—	3.30E+00	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.98	—	—	2.00E+00	ug/L	J	J	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.6	—	—	2.00E+00	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00218	9.33E-04	2.80E-02	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00958	2.67E-03	4.10E-02	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00236	1.40E-03	4.20E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0189	3.67E-03	3.30E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000663	1.03E-03	3.90E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00198	5.67E-04	2.90E-02	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0157	4.33E-03	5.30E-02	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.77	5.00E-01	5.20E+00	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.892	3.67E-01	4.00E+00	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC

Table C-2 Pajarito 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-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.523	6.00E-01	5.30E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.38	5.00E-01	4.80E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.358	3.67E-01	3.80E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.862	4.00E-01	3.90E+00	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0939	5.00E-01	4.70E+00	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.38	4.67E-01	4.90E+00	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.253	4.00E-01	4.00E+00	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.46	4.67E-01	5.00E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.76	4.67E-01	5.50E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.06	3.67E-01	3.50E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.22	4.67E-01	4.50E+00	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.54	4.33E-01	3.60E+00	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.96	3.17E-01	2.70E+00	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0	1.40E-01	1.90E+00	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.05	2.50E-01	2.50E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.325	2.33E-01	2.70E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	8.59	8.67E-01	4.50E+00	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.28	3.17E-01	2.30E+00	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.964	1.83E-01	1.70E+00	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.645	2.17E-01	2.20E+00	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.12	2.17E-01	2.10E+00	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.36	2.40E-01	2.30E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.07	2.70E-01	2.40E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	2.73E-01	2.40E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.03	2.10E-01	2.00E+00	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.187	1.93E-01	2.00E+00	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.56	1.57E+00	1.70E+01	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.4	5.67E+00	4.50E+01	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.8	1.50E+00	1.00E+01	—	pCi/L	—	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.9	7.33E+00	4.30E+01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.1	4.00E+00	2.20E+01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.4	4.67E+00	2.60E+01	—	pCi/L	—	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.1	4.33E+00	3.60E+01	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.21	3.33E+00	3.40E+01	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.22	3.67E+00	3.40E+01	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.8	3.67E+00	3.30E+01	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.86	3.10E+00	3.20E+01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.24	3.67E+00	3.10E+01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.9	3.10E+00	2.80E+01	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.5	3.67E+00	3.60E+01	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00202	1.17E-03	3.60E-02	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00682	1.70E-03	3.20E-02	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00104	4.33E-03	4.20E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.15E-09	2.53E-03	3.50E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00205	2.63E-03	3.40E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00264	8.67E-04	4.80E-02	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0108	1.77E-03	3.10E-02	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.63E-03	3.70E-02	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.025	2.93E-03	4.60E-02	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00218	1.83E-03	3.00E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	2.88E-10	1.60E-03	3.80E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00613	2.47E-03	3.30E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC

Table C-2 Pajarito 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-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00529	1.77E-03	4.80E-02	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0151	3.13E-03	4.30E-02	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-45.6	7.33E+00	5.10E+01	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.67	6.33E+00	6.70E+01	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-46.5	5.00E+00	3.50E+01	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.52	6.33E+00	6.50E+01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.1	6.00E+00	5.60E+01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.2	4.67E+00	5.00E+01	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34.3	6.33E+00	3.50E+01	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.07	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.13	3.67E-01	4.00E+00	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.21	5.00E-01	4.00E+00	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.076	5.00E-01	4.90E+00	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.45	4.33E-01	4.60E+00	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.51	5.67E-01	3.10E+00	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.45	5.33E-01	4.70E+00	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0375	4.33E-02	4.50E-01	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.145	4.00E-02	4.20E-01	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.297	4.00E-02	4.80E-01	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00852	3.67E-02	3.90E-01	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.875	5.33E-02	3.60E-01	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	09/10/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	-0.246	3.33E-02	4.80E-01	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0982	3.67E-02	3.80E-01	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0837	3.23E-02	3.40E-01	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12794	UMTL
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6108	UMTL
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.70246	9.58E-02	2.87E-01	—	pCi/L	—	U	09-3246	CAPA-09-12155	UMTL
R-19	232	909.3	09/16/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	9.58E-02	2.87E-01	—	pCi/L	U	U	08-2002	CAPA-08-15010	UMTL
R-19	232	909.3	06/18/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01	—	pCi/L	U	U	08-1453	CAPA-08-13156	UMTL
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.306	1.27E-02	1.20E-01	—	pCi/L	—	—	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.245	1.20E-02	1.20E-01	—	pCi/L	—	—	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.245	1.07E-02	4.90E-02	—	pCi/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.273	1.17E-02	1.00E-01	—	pCi/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.237	1.07E-02	9.70E-02	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.255	1.07E-02	1.10E-01	—	pCi/L	—	—	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.28	1.07E-02	8.30E-02	—	pCi/L	—	—	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	2.13E-03	5.30E-02	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00388	2.90E-03	5.60E-02	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0138	2.33E-03	3.80E-02	—	pCi/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00385	2.23E-03	5.30E-02	—	pCi/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00337	1.93E-03	4.90E-02	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0196	2.70E-03	4.80E-02	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0347	3.30E-03	3.80E-02	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	06/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0883	6.00E-03	5.40E-02	—	pCi/L	—	—	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	03/10/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.1	7.00E-03	7.10E-02	—	pCi/L	—	—	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	02/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.081	5.67E-03	3.50E-02	—	pCi/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	909.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0778	6.00E-03	6.40E-02	—	pCi/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	909.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.109	6.33E-03	5.90E-02	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	06/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.103	6.33E-03	4.80E-02	—	pCi/L	—	—	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	03/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	6.00E-03	4.90E-02	—	pCi/L	—	—	09-1197	CAPA-09-4289	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	7.30E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.1	—	—	7.30E-01	mg/L	—	—	10-809	CAPA-10-6274	GELC

Table C-2 Pajarito 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-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	7.30E-01	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	7.30E-01	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	5.00E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	3.00E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	3.00E-02	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	5.00E-02	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	3.00E-02	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.00E-02	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.68	—	—	6.60E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.59	—	—	6.60E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.77	—	—	6.60E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.86	—	—	6.60E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.314	—	—	3.30E-02	mg/L	—	J-	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.511	—	—	3.30E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.493	—	—	3.30E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.489	—	—	3.30E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.6	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.1	—	—	3.50E-01	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	3.50E-01	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.5	—	—	3.50E-01	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	3.50E-01	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.6	—	—	3.50E-01	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46	—	—	3.50E-01	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	8.50E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	8.50E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	8.50E-02	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	8.50E-02	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.306	—	—	5.00E-02	mg/L	—	J	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.278	—	—	5.00E-02	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.299	—	—	5.00E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.293	—	—	5.00E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.217	—	—	5.00E-02	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.18	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	5.00E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	5.00E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC

Table C-2 Pajarito 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-19	282	1190.7	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	5.00E-02	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.22	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.22	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.11	—	—	5.00E-02	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.29	—	—	5.00E-02	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	4.50E-02	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	uS/cm	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1.00E+00	uS/cm	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1.00E+00	uS/cm	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.82	—	—	1.00E-01	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.69	—	—	1.00E-01	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.84	—	—	1.00E-01	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.40E+00	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.355	—	—	3.30E-01	mg/L	J	J	10-2183	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.427	—	—	3.30E-01	mg/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-3256	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.625	—	—	3.30E-01	mg/L	J	U	09-2116	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.758	—	—	3.30E-01	mg/L	J	U	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J-	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	1.00E-02	SU	H	J-	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	1.00E-02	SU	H	J-	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.3	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.1	—	—	1.00E+00	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.1	—	—	1.00E+00	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1.00E+00	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1.00E+00	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.3	—	—	1.00E+00	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.1	—	—	1.00E+00	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	37.6	—	—	3.00E+01	ug/L	J	J	10-2184	CAPA-10-12810	GELC

Table C-2 Pajarito 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-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.3	—	—	2.50E+01	ug/L	J	J	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	85.3	—	—	2.50E+01	ug/L	J	J	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.5	—	—	2.00E+00	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.2	—	—	2.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.5	—	—	2.00E+00	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.15	—	—	2.00E+00	ug/L	J	J	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.5	—	—	2.00E+00	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16	—	—	2.00E+00	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.08	—	—	2.00E+00	ug/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.48	—	—	2.00E+00	ug/L	J	J	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.05	—	—	2.00E+00	ug/L	J	J	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.9	—	—	2.00E+00	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.878	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	1.00E-01	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.95	—	—	1.00E-01	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.869	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.22	—	—	1.00E-01	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.5	—	—	1.00E-01	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.615	—	—	5.00E-01	ug/L	J	J	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.524	—	—	5.00E-01	ug/L	J	J	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.619	—	—	5.00E-01	ug/L	J	J	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.53	—	—	5.00E-01	ug/L	J	J	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.8	—	—	5.00E-01	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70	—	—	5.30E-02	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.2	—	—	5.30E-02	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.2	—	—	5.30E-02	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.7	—	—	3.20E-02	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.8	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.5	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.4	—	—	1.00E+00	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1.00E+00	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.2	—	—	1.00E+00	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.5	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1.00E+00	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.7	—	—	1.00E+00	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.3	—	—	1.00E+00	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.285	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.329	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.276	—	—	5.00E-02	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.273	—	—	5.00E-02	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	5.00E-02	ug/L	—	—	09-1156	CAPA-09-4313	GELC

Table C-2 Pajarito 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-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.278	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.336	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.286	—	—	5.00E-02	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	5.00E-02	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	5.00E-02	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.22	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.71	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.63	—	—	1.00E+00	ug/L	J	J	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.01	—	—	1.00E+00	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	ug/L	J	J	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.3	—	—	1.00E+00	ug/L	J	J	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.35	—	—	1.00E+00	ug/L	J	J	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1.00E+00	ug/L	J	J	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.64	—	—	1.00E+00	ug/L	J	J	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1.00E+00	ug/L	J	J	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.13	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12809	GELC
R-19	282	1190.7	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.15	—	—	3.30E+00	ug/L	J	J	10-809	CAPA-10-6274	GELC
R-19	282	1190.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.22	—	—	3.30E+00	ug/L	J	J	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.84	—	—	2.00E+00	ug/L	J	J	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.8	—	—	2.00E+00	ug/L	J	U	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.28	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12810	GELC
R-19	282	1190.7	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.6	—	—	3.30E+00	ug/L	—	—	10-809	CAPA-10-6273	GELC
R-19	282	1190.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.19	—	—	3.30E+00	ug/L	J	J	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	51.7	—	—	2.00E+00	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	23.4	—	—	2.00E+00	ug/L	—	J	09-1156	CAPA-09-4314	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.5	—	—	7.30E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.8	—	—	7.30E-01	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.4	—	—	7.30E-01	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.4	—	—	7.30E-01	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.37	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.67	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.2	—	—	5.00E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.3	—	—	3.00E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.06	—	—	3.00E-02	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.16	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.37	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.23	—	—	5.00E-02	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.18	—	—	3.00E-02	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.05	—	—	3.00E-02	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	6.60E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	6.60E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.59	—	—	6.60E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	6.60E-02	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.2	—	—	3.30E-02	mg/L	—	J-	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.433	—	—	3.30E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.477	—	—	3.30E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.356	—	—	3.30E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.209	—	—	3.30E-02	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.3	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.5	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6343	GELC

Table C-2 Pajarito 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-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.6	—	—	3.50E-01	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	3.50E-01	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34	—	—	3.50E-01	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.6	—	—	3.50E-01	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.3	—	—	3.50E-01	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	3.50E-01	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.1	—	—	3.50E-01	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.5	—	—	3.50E-01	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.64	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	8.50E-02	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	8.50E-02	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.378	—	—	5.00E-02	mg/L	—	J	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.349	—	—	5.00E-02	mg/L	—	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.364	—	—	5.00E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.382	—	—	5.00E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.428	—	—	5.00E-02	mg/L	—	J	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.272	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.264	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.294	—	—	5.00E-02	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	5.00E-02	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	5.00E-02	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	5.00E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	5.00E-02	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.63	—	—	5.00E-02	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	5.00E-02	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	5.00E-02	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.51	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.87	—	—	4.50E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.97	—	—	4.50E-02	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.98	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	1.00E-01	mg/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.68	—	—	4.50E-02	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	4.50E-02	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	108	—	—	1.00E+00	uS/cm	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	103	—	—	1.00E+00	uS/cm	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1.00E+00	uS/cm	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1.00E+00	uS/cm	—	—	09-2141	CAPA-09-9379	GELC

Table C-2 Pajarito 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-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1.00E+00	uS/cm	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.49	—	—	1.00E-01	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.61	—	—	1.00E-01	mg/L	—	U	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.35	—	—	1.00E-01	mg/L	—	U	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.44	—	—	1.00E-01	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.38	—	—	1.00E-01	mg/L	—	J-	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.40E+00	mg/L	H	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	H	J-	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.465	—	—	3.30E-01	mg/L	J	J	10-2183	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.356	—	—	3.30E-01	mg/L	J	J	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-3299	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.797	—	—	3.30E-01	mg/L	J	U	09-2140	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	1.00E-02	SU	H	J-	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J-	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	1.00E-02	SU	H	J-	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J-	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.7	—	—	1.50E+00	ug/L	J	J	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	ug/L	—	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1.00E+00	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1.00E+00	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.2	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.2	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1.00E+00	ug/L	—	J	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.2	—	—	1.00E+00	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1.00E+00	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.868	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.909	—	—	1.00E-01	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	1.00E-01	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.89	—	—	1.00E-01	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.87	—	—	1.00E-01	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	1.00E-01	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.61	—	—	1.00E-01	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.16	—	—	1.00E-01	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.93	—	—	1.00E-01	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.841	—	—	5.00E-01	ug/L	J	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	09-3300	CAPA-09-12180	GELC

Table C-2 Pajarito 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-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.685	—	—	5.00E-01	ug/L	J	J	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.18	—	—	5.00E-01	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.99	—	—	5.00E-01	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	ug/L	J	J	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.4	—	—	5.30E-02	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	5.30E-02	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.6	—	—	5.30E-02	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.8	—	—	3.20E-02	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74	—	—	3.20E-02	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.5	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1.00E+00	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1.00E+00	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1.00E+00	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.4	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.9	—	—	1.00E+00	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1.00E+00	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1.00E+00	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1.00E+00	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.345	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.355	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.316	—	—	5.00E-02	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.358	—	—	5.00E-02	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.313	—	—	5.00E-02	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.378	—	—	5.00E-02	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.317	—	—	5.00E-02	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.335	—	—	5.00E-02	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	5.00E-02	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1.00E+00	ug/L	J	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1.00E+00	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.79	—	—	1.00E+00	ug/L	J	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1.00E+00	ug/L	—	J	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.22	—	—	1.00E+00	ug/L	—	—	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1.00E+00	ug/L	J	J	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.05	—	—	1.00E+00	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.81	—	—	1.00E+00	ug/L	J	J	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.3	—	—	1.00E+00	ug/L	—	J	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.49	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12814	GELC
R-19	352	1412.9	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.38	—	—	3.30E+00	ug/L	J	J	10-809	CAPA-10-6343	GELC
R-19	352	1412.9	09/16/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.33	—	—	3.30E+00	ug/L	J	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	06/01/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.4	—	—	2.00E+00	ug/L	J	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	03/04/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2.00E+00	ug/L	J	J	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.89	—	—	3.30E+00	ug/L	J	J	10-2184	CAPA-10-12812	GELC
R-19	352	1412.9	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.1	—	—	3.30E+00	ug/L	—	—	10-809	CAPA-10-6345	GELC
R-19	352	1412.9	09/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	22.4	—	—	3.30E+00	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	06/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	2.00E+00	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	03/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.8	—	—	2.00E+00	ug/L	—	—	09-1099	CAPA-09-4317	GELC

Table C-2 Pajarito 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-19	402	1586.1	03/05/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.093	—	—	3.30E-02	mg/L	J	J+	10-2342	CAPA-10-12841	GELC
R-19	402	1586.1	12/02/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.256	—	—	3.30E-02	mg/L	—	J-	10-809	CAPA-10-6387	GELC
R-19	402	1586.1	09/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.302	—	—	3.30E-02	mg/L	—	U	09-3299	CAPA-09-12185	GELC
R-19	402	1586.1	05/28/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.405	—	—	3.30E-02	mg/L	—	J+	09-2079	CAPA-09-9382	GELC
R-19	402	1586.1	03/05/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-1118	CAPA-09-4321	GELC
R-19	452	1730.1	03/03/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.127	—	—	3.30E-02	mg/L	—	—	10-2317	CAPA-10-12842	GELC
R-19	452	1730.1	12/02/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.138	—	—	3.30E-02	mg/L	—	—	10-809	CAPA-10-6382	GELC
R-19	452	1730.1	09/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.138	—	—	3.30E-02	mg/L	—	U	09-3339	CAPA-10-14120	GELC
R-19	452	1730.1	09/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.138	—	—	3.30E-02	mg/L	—	U	09-3339	CAPA-09-12186	GELC
R-19	452	1730.1	05/28/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.187	—	—	3.30E-02	mg/L	—	J+	09-2079	CAPA-09-9383	GELC
R-19	452	1730.1	03/09/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.065	—	—	2.90E-02	mg/L	J	U	09-1201	CAPA-09-4323	GELC
R-19	502	1834.7	03/05/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.045	—	—	3.30E-02	mg/L	J	J+	10-2342	CAPA-10-12844	GELC
R-19	502	1834.7	12/02/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.295	—	—	3.30E-02	mg/L	—	J-	10-809	CAPA-10-6384	GELC
R-19	502	1834.7	09/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.302	—	—	3.30E-02	mg/L	—	U	09-3299	CAPA-09-12466	GELC
R-19	502	1834.7	05/28/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-2079	CAPA-09-9386	GELC
R-19	502	1834.7	03/11/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-1201	CAPA-09-4326	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	138	—	—	1.00E+00	uS/cm	—	—	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	09/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1.00E+00	uS/cm	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	06/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	03/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	03/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.73	—	—	1.00E-02	SU	H	J-	10-749	CAPA-10-6375	GELC
R-20	8441	904.6	09/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.56	—	—	1.00E-02	SU	H	J-	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	06/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.38	—	—	1.00E-02	SU	H	J-	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	03/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.61	—	—	1.00E-02	SU	H	J-	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	03/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.61	—	—	1.00E-02	SU	H	J-	09-1179	CAPA-09-4371	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.2	—	—	7.30E-01	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.2	—	—	7.30E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.5	—	—	7.30E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70.5	—	—	7.30E-01	mg/L	—	—	10-779	CAPA-10-6860	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.5	—	—	7.30E-01	mg/L	—	—	10-779	CAPA-10-6858	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66	—	—	7.30E-01	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.034	—	—	1.60E-02	mg/L	J	J-	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.04	—	—	1.60E-02	mg/L	J	J-	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.043	—	—	1.60E-02	mg/L	J	J	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.035	—	—	1.60E-02	mg/L	J	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.101	—	—	1.60E-02	mg/L	—	J-	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	5.00E-02	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	3.00E-02	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.00E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	5.00E-02	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	3.00E-02	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.00E-02	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.89	—	—	6.60E-02	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	6.60E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC

Table C-2 Pajarito 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-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.21	—	—	6.60E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	6.60E-02	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	6.60E-02	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	6.60E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.259	—	—	3.30E-02	mg/L	—	J-	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.247	—	—	3.30E-02	mg/L	—	J-	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.512	—	—	3.30E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	3.30E-02	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	3.30E-02	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.292	—	—	3.30E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	46.9	—	—	3.50E-01	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.2	—	—	3.50E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.2	—	—	3.50E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	3.50E-01	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	3.50E-01	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	3.50E-01	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	3.50E-01	mg/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.2	—	—	3.50E-01	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.2	—	—	3.50E-01	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	3.50E-01	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40	—	—	3.50E-01	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	3.50E-01	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	8.50E-02	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	8.50E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	8.50E-02	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.56	—	—	8.50E-02	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	8.50E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	8.50E-02	mg/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.64	—	—	8.50E-02	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.53	—	—	8.50E-02	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	8.50E-02	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.162	—	—	5.00E-02	mg/L	J	J	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.161	—	—	5.00E-02	mg/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.061	—	—	5.00E-02	mg/L	J	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.05	—	—	1.00E-02	mg/L	U	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.23	—	—	5.00E-02	mg/L	J	J	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.065	—	—	1.00E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.119	—	—	5.00E-02	ug/L	J	J	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.111	—	—	5.00E-02	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.195	—	—	5.00E-02	ug/L	J	J	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.195	—	—	5.00E-02	ug/L	J	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.48	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	5.00E-02	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	5.00E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC

Table C-2 Pajarito 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-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	5.00E-02	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.16	—	—	5.00E-02	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.35	—	—	5.00E-02	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	1.00E-01	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	4.50E-02	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	4.50E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	1.00E-01	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	4.50E-02	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	4.50E-02	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1.00E+00	uS/cm	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	154	—	—	1.00E+00	uS/cm	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	153	—	—	1.00E+00	uS/cm	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.75	—	—	1.00E-01	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.78	—	—	1.00E-01	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.53	—	—	1.00E-01	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.01	—	—	1.00E-01	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.06	—	—	1.00E-01	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.40E+00	mg/L	—	J	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.23	—	—	3.30E-01	mg/L	—	—	10-2110	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.22	—	—	3.30E-01	mg/L	—	—	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.26	—	—	3.30E-01	mg/L	—	—	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.74	—	—	3.30E-01	mg/L	—	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	2.07	—	—	3.30E-01	mg/L	—	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.53	—	—	3.30E-01	mg/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	1.00E-02	SU	H	J-	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	1.00E-02	SU	H	J-	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	417	—	—	6.80E+01	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	216	—	—	6.80E+01	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3132	CAPA-09-12265	GELC

Table C-2 Pajarito 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-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	182	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	180	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	180	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	150	—	—	1.00E+00	ug/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	136	—	—	1.00E+00	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	141	—	—	1.00E+00	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	185	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	186	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	177	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	151	—	—	1.00E+00	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	134	—	—	1.00E+00	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	140	—	—	1.00E+00	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.73	—	—	2.50E+00	ug/L	J	J	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.29	—	—	2.50E+00	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.08	—	—	1.50E+00	ug/L	J	J	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.50E+00	ug/L	J	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	7.73	—	—	2.50E+00	ug/L	J	J	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.8	—	—	2.50E+00	ug/L	J	J	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.58	—	—	1.50E+00	ug/L	J	J	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1.50E+00	ug/L	J	J	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	35.7	—	—	3.00E+01	ug/L	J	J	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.7	—	—	3.00E+01	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	65.1	—	—	3.00E+01	ug/L	J	J	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	43	—	—	3.00E+01	ug/L	J	J	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	41.3	—	—	2.50E+01	ug/L	J	J	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31.6	—	—	2.50E+01	ug/L	J	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	252	—	—	3.00E+01	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	152	—	—	3.00E+01	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	62.2	—	—	3.00E+01	ug/L	J	J	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	53.6	—	—	3.00E+01	ug/L	J	J	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	52.5	—	—	2.50E+01	ug/L	J	J	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.2	—	—	2.50E+01	ug/L	J	J	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Lead	—	0.887	—	—	5.00E-01	ug/L	J	J	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.569	—	—	5.00E-01	ug/L	J	J	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	67.6	—	—	2.00E+00	ug/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	67.2	—	—	2.00E+00	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	74.3	—	—	2.00E+00	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	47.1	—	—	2.00E+00	ug/L	—	—	09-3132	CAPA-09-12267	GELC

Table C-2 Pajarito 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-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	66.5	—	—	2.00E+00	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	72.2	—	—	2.00E+00	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	72	—	—	2.00E+00	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	71	—	—	2.00E+00	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	72.2	—	—	2.00E+00	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	45.6	—	—	2.00E+00	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	65.3	—	—	2.00E+00	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	71.3	—	—	2.00E+00	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	2	—	—	1.00E-01	ug/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.98	—	—	1.00E-01	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.86	—	—	1.00E-01	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.62	—	—	1.00E-01	ug/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	1.00E-01	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	1.00E-01	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	2.01	—	—	1.00E-01	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.02	—	—	1.00E-01	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	1.00E-01	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	1.00E-01	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	1.00E-01	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	1.00E-01	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	3.31	—	—	5.00E-01	ug/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.21	—	—	5.00E-01	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.735	—	—	5.00E-01	ug/L	J	J	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.71	—	—	5.00E-01	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.5	—	—	5.00E-01	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	4.53	—	—	5.00E-01	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.64	—	—	5.00E-01	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.623	—	—	5.00E-01	ug/L	J	J	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.68	—	—	5.00E-01	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.9	—	—	5.00E-01	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	75.3	—	—	5.30E-02	mg/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.7	—	—	5.30E-02	mg/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	77.9	—	—	5.30E-02	mg/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.8	—	—	5.30E-02	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	3.20E-02	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	77.8	—	—	3.20E-02	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	231	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	226	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	229	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	198	—	—	1.00E+00	ug/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	193	—	—	1.00E+00	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	209	—	—	1.00E+00	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	228	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	230	—	—	1.00E+00	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	222	—	—	1.00E+00	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	199	—	—	1.00E+00	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	189	—	—	1.00E+00	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	207	—	—	1.00E+00	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.615	—	—	5.00E-02	ug/L	—	—	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.613	—	—	5.00E-02	ug/L	—	—	10-2111	CAPA-10-12820	GELC

Table C-2 Pajarito 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-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.623	—	—	5.00E-02	ug/L	—	—	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.366	—	—	5.00E-02	ug/L	—	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.69	—	—	5.00E-02	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.669	—	—	5.00E-02	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.653	—	—	5.00E-02	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.596	—	—	5.00E-02	ug/L	—	—	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.362	—	—	5.00E-02	ug/L	—	U	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	5.00E-02	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.76	—	—	5.00E-02	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	2.96	—	—	1.00E+00	ug/L	J	J	10-2111	CAPA-10-12824	GELC
R-20	8451	1147.1	02/24/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.93	—	—	1.00E+00	ug/L	J	J	10-2111	CAPA-10-12820	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.14	—	—	1.00E+00	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1.00E+00	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	J	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.9	—	—	1.00E+00	ug/L	J	J	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.96	—	—	1.00E+00	ug/L	J	J	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1.00E+00	ug/L	J	J	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-779	CAPA-10-6856	GELC
R-20	8451	1147.1	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	05/29/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	03/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	<	3.2	—	—	2.00E+00	ug/L	J	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	23.7	—	—	3.30E+00	ug/L	—	—	10-2111	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	16.2	—	—	3.30E+00	ug/L	—	—	10-2111	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.86	—	—	3.30E+00	ug/L	J	J	10-779	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.89	—	—	3.30E+00	ug/L	J	J	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.94	—	—	2.00E+00	ug/L	J	J	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	5.3	—	—	2.00E+00	ug/L	J	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12825	UMTL
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.19158	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12823	UMTL
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6855	UMTL
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12265	UMTL
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	09-2149	CAPA-09-9414	UMTL
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	09-1180	CAPA-09-4372	UMTL
R-20	8451	1147.1	02/24/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.39	—	—	3.00E-01	ug/L	J	J	10-2110	CAPA-10-12821	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	UJ	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[cis-1,2-]	—	0.31	—	—	3.00E-01	ug/L	J	J	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[cis-1,2-]	<	1	—	—	3.00E-01	ug/L	U	U	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[cis-1,2-]	<	1	—	—	3.00E-01	ug/L	U	U	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[cis-1,2-]	<	1	—	—	3.00E-01	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[cis-1,2-]	<	1	—	—	3.00E-01	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	—	0.28	—	—	2.50E-01	ug/L	J	J	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	—	0.27	—	—	2.50E-01	ug/L	J	J	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	—	0.272	—	—	2.50E-01	ug/L	J	J	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	<	1	—	—	2.50E-01	ug/L	U	U	09-2098	CAPA-09-9414	GELC

Table C-2 Pajarito 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-20	8451	1147.1	03/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	<	1	—	—	2.50E-01	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	4.65	—	—	3.00E+00	ug/L	J	J	10-2110	CAPA-10-12821	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Toluene	—	0.51	—	—	2.50E-01	ug/L	J	J	10-2110	CAPA-10-12821	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.48	—	—	2.50E-01	ug/L	J	J	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.341	—	—	2.50E-01	ug/L	J	J	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.643	—	—	2.50E-01	ug/L	J	J	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Voa	SW-846:8260B	Trichloroethene	—	1.76	—	—	2.50E-01	ug/L	—	—	10-2110	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.77	—	—	2.50E-01	ug/L	—	—	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	3.02	—	—	2.50E-01	ug/L	—	—	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	2.6	—	—	2.50E-01	ug/L	—	—	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.427	—	—	2.50E-01	ug/L	J	J	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.531	—	—	2.50E-01	ug/L	J	J	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	FD	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	2.01	—	—	5.00E-01	ug/L	—	—	10-2110	CAPA-10-12825	GELC
R-20	8451	1147.1	02/24/10	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	2.27	—	—	5.00E-01	ug/L	—	—	10-2110	CAPA-10-12823	GELC
R-20	8451	1147.1	12/02/09	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	3.51	—	—	5.00E-01	ug/L	—	—	10-778	CAPA-10-6855	GELC
R-20	8451	1147.1	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	3	—	—	5.00E-01	ug/L	—	—	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	05/29/09	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	4.30E-01	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	03/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.438	—	—	4.30E-01	ug/L	J	J	09-1149	CAPA-09-4372	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	08/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1.00E+00	uS/cm	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	05/11/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.039	—	—	3.30E-02	mg/L	J	J-	10-2445	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	08/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	09-2928	CAMO-09-9908	GELC
R-21	1761	888.8	05/11/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.047	—	—	3.30E-02	mg/L	J	J-	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	03/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.438	—	—	3.30E-01	mg/L	J	J	10-2445	CAPA-10-12829	GELC
R-21	1761	888.8	12/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-829	CAPA-10-6381	GELC
R-21	1761	888.8	08/18/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.456	—	—	3.30E-01	mg/L	J	J	09-2928	CAMO-09-9908	GELC
R-21	1761	888.8	05/11/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.631	—	—	3.30E-01	mg/L	J	U	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	12/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	10-829	CAPA-10-6380	GELC
R-21	1761	888.8	08/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J-	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	05/11/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	09-1821	CAMO-09-8185	GELC
R-23	1771	816	12/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1.00E+00	uS/cm	—	—	10-881	CAPA-10-6349	GELC
R-23	1771	816	09/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	173	—	—	1.00E+00	uS/cm	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	06/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1.00E+00	uS/cm	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	02/25/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1.00E+00	uS/cm	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	03/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.433	—	—	3.30E-01	mg/L	J	J	10-2335	CAPA-10-12833	GELC
R-23	1771	816	12/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-880	CAPA-10-6347	GELC
R-23	1771	816	06/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	2.22	—	—	3.30E-01	mg/L	—	U	09-2195	CAPA-09-9417	GELC
R-23	1771	816	02/25/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.18	—	—	3.30E-01	mg/L	—	—	09-1021	CAPA-09-4365	GELC
R-23	1771	816	12/03/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.41	—	—	3.30E-01	mg/L	—	—	09-436	CAPA-09-1237	GELC
R-23	1771	816	12/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	1.00E-02	SU	H	J-	10-881	CAPA-10-6349	GELC
R-23	1771	816	09/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	1.00E-02	SU	H	J-	09-3132	CAPA-09-12271	GELC
R-23	1771	816	06/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	1.00E-02	SU	H	J-	09-2195	CAPA-09-9416	GELC
R-23	1771	816	02/25/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	1.00E-02	SU	H	J-	09-1022	CAPA-09-4363	GELC
R-23	1771	816	03/05/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12834	UMTL
R-23	1771	816	03/05/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12833	UMTL

Table C-2 Pajarito 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-23	1771	816	12/09/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6347	UMTL
R-23	1771	816	09/03/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	9.58E-02	2.87E-01	—	pCi/L	—	U	09-3165	CAPA-09-12270	UMTL
R-23	1771	816	06/04/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	9.58E-02	2.87E-01	—	pCi/L	U	U	09-2260	CAPA-09-9417	UMTL
R-23	1771	816	02/25/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	9.58E-02	2.87E-01	—	pCi/L	U	U	09-1038	CAPA-09-4365	UMTL
R-23	1771	816	03/05/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	8.88	—	—	2.10E+00	ug/L	J	J	10-2335	CAPA-10-12833	GELC
R-23	1771	816	12/09/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.1	—	—	2.00E+00	ug/L	U	U	10-880	CAPA-10-6347	GELC
R-23	1771	816	09/03/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.20E+00	ug/L	U	U	09-3131	CAPA-09-12270	GELC
R-23	1771	816	06/04/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.4	—	—	2.30E+00	ug/L	U	UJ	09-2193	CAPA-09-9417	GELC
R-23	1771	816	06/04/09	WG	UF	RE	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	UJ	09-2193	CAPA-09-9417	GELC
R-23	1771	816	02/25/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2.00E+00	ug/L	U	U	09-1021	CAPA-09-4365	GELC
R-23	1771	816	03/05/10	WG	UF	CS	FD	Voa	SW-846:8260B	Acetone	—	3.59	—	—	3.50E+00	ug/L	J	J	10-2335	CAPA-10-12834	GELC
R-23	1771	816	12/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	10-880	CAPA-10-6347	GELC
R-23	1771	816	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-3131	CAPA-09-12270	GELC
R-23	1771	816	06/04/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-2193	CAPA-09-9417	GELC
R-23	1771	816	02/25/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-1021	CAPA-09-4365	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.4	—	—	7.30E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.9	—	—	7.30E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.3	—	—	7.30E-01	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.1	—	—	7.30E-01	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.141	—	—	6.60E-02	mg/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.129	—	—	6.60E-02	mg/L	J	J	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.131	—	—	6.60E-02	mg/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.6	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	5.00E-02	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.8	—	—	3.00E-02	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28	—	—	3.00E-02	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.7	—	—	5.00E-02	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.3	—	—	3.00E-02	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	30.1	—	—	3.00E-02	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.3	—	—	3.30E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.3	—	—	3.30E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	29.8	—	—	1.30E-01	mg/L	—	J+	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	32.3	—	—	3.30E-01	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.189	—	—	3.30E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.372	—	—	3.30E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.43	—	—	3.30E-02	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.159	—	—	3.30E-02	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	107	—	—	3.50E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	3.50E-01	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	110	—	—	3.50E-01	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	3.50E-01	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	3.50E-01	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	106	—	—	3.50E-01	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	112	—	—	3.50E-01	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	121	—	—	3.50E-01	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.75	—	—	8.50E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC

Table C-2 Pajarito 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-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.53	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.52	—	—	8.50E-02	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.9	—	—	8.50E-02	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.4	—	—	8.50E-02	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.63	—	—	8.50E-02	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.47	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.66	—	—	8.50E-02	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.2	—	—	8.50E-02	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11	—	—	8.50E-02	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.383	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.331	—	—	5.00E-02	mg/L	—	J	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.343	—	—	5.00E-02	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0429	—	—	1.00E-02	mg/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	5.00E-02	ug/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.223	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.236	—	—	5.00E-02	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.172	—	—	5.00E-02	ug/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.59	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.53	—	—	5.00E-02	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.45	—	—	5.00E-02	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.65	—	—	5.00E-02	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.66	—	—	5.00E-02	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.73	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.61	—	—	5.00E-02	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.55	—	—	5.00E-02	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.97	—	—	5.00E-02	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	1.00E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	1.00E-01	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	4.50E-02	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.1	—	—	4.50E-02	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	1.00E-01	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	1.00E-01	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	4.50E-02	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	4.50E-02	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	290	—	—	1.00E+00	uS/cm	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	278	—	—	1.00E+00	uS/cm	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	307	—	—	1.00E+00	uS/cm	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	312	—	—	1.00E+00	uS/cm	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	1.00E-01	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.1	—	—	1.00E-01	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.1	—	—	1.00E-01	mg/L	—	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	196	—	—	2.40E+00	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	209	—	—	2.40E+00	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	200	—	—	2.40E+00	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	233	—	—	2.40E+00	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.111	—	—	3.30E-02	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.262	—	—	3.30E-02	mg/L	—	U	09-3196	CAPA-09-12239	GELC

Table C-2 Pajarito 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-23i	7001	400.3	06/09/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-1077	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.1	—	—	3.30E-01	mg/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.758	—	—	3.30E-01	mg/L	J	J	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.984	—	—	3.30E-01	mg/L	J	J	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.12	—	—	3.30E-01	mg/L	—	—	09-1077	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.07	—	—	3.30E-01	mg/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.091	—	—	1.50E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.058	—	—	1.50E-02	mg/L	—	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.067	—	—	1.50E-02	mg/L	—	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.069	—	—	1.50E-02	mg/L	—	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	1.00E-02	SU	H	J-	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	1.00E-02	SU	H	J-	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	1.00E-02	SU	H	J-	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN	UJ	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	552	—	—	6.80E+01	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1050	—	—	6.80E+01	ug/L	N	J+	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	183	—	—	6.80E+01	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	325	—	—	6.80E+01	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	268	—	—	6.80E+01	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	51.8	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.8	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.9	—	—	1.00E+00	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	51.5	—	—	1.00E+00	ug/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	52.4	—	—	1.00E+00	ug/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	56.6	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	57	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.4	—	—	1.00E+00	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	54.3	—	—	1.00E+00	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	58.3	—	—	1.00E+00	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.4	—	—	1.50E+01	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	1.00E+01	ug/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14.8	—	—	1.00E+01	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.50E+01	ug/L	J	J	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	1.00E+01	ug/L	J	J	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	1.00E+01	ug/L	J	J	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.04	—	—	1.00E+00	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-2256	CAPA-09-9457	GELC

Table C-2 Pajarito 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-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	615	—	—	3.00E+01	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1090	—	—	3.00E+01	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	200	—	—	3.00E+01	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	335	—	—	2.50E+01	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	289	—	—	2.50E+01	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.45	—	—	5.00E-01	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.47	—	—	5.00E-01	ug/L	J	J	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.583	—	—	5.00E-01	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.674	—	—	5.00E-01	ug/L	J	J	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.3	—	—	2.00E+00	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.4	—	—	2.00E+00	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	47.3	—	—	2.00E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	77.4	—	—	2.00E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13	—	—	2.00E+00	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.7	—	—	2.00E+00	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.3	—	—	2.00E+00	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	1.00E-01	ug/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.946	—	—	1.00E-01	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	ug/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	1.00E-01	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	1.00E-01	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	1.00E-01	ug/L	—	J	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.901	—	—	5.00E-01	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.29	—	—	5.00E-01	ug/L	J	J	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.944	—	—	5.00E-01	ug/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.724	—	—	5.00E-01	ug/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	5.00E-01	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.66	—	—	5.00E-01	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.18	—	—	5.00E-01	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	5.00E-01	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.91	—	—	5.00E-01	ug/L	J	J	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	J	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.55	—	—	1.00E+00	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-2256	CAPA-09-9456	GELC

Table C-2 Pajarito 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-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.44	—	—	1.00E+00	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.4	—	—	5.30E-02	mg/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	5.30E-02	mg/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.9	—	—	5.30E-02	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.3	—	—	3.20E-02	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	163	—	—	1.00E+00	ug/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	151	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1.00E+00	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1.00E+00	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.614	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.765	—	—	5.00E-02	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.578	—	—	5.00E-02	ug/L	—	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.76	—	—	5.00E-02	ug/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	5.00E-02	ug/L	—	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.785	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.829	—	—	5.00E-02	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.663	—	—	5.00E-02	ug/L	—	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.78	—	—	5.00E-02	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.14	—	—	1.00E+00	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.7	—	—	1.00E+00	ug/L	J	U	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.67	—	—	1.00E+00	ug/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.88	—	—	1.00E+00	ug/L	J	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1.00E+00	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	ug/L	J	J	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.85	—	—	1.00E+00	ug/L	J	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1.00E+00	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.54	—	—	1.00E+00	ug/L	J	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1.00E+00	ug/L	J	J	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.62	—	—	3.30E+00	ug/L	J	J	10-2402	CAPA-10-12895	GELC
R-23i	7001	400.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.27	—	—	3.30E+00	ug/L	J	J	10-804	CAPA-10-6788	GELC
R-23i	7001	400.3	09/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.44	—	—	3.30E+00	ug/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.49	—	—	2.00E+00	ug/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	14.1	—	—	2.00E+00	ug/L	—	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.2	—	—	3.30E+00	ug/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	23.4	—	—	3.30E+00	ug/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.2	—	—	3.30E+00	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.3	—	—	2.00E+00	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	19.8	—	—	2.00E+00	ug/L	—	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00762	1.90E-03	3.50E-02	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00901	2.83E-03	3.90E-02	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00879	1.37E-03	2.50E-02	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC

Table C-2 Pajarito 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-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0025	9.00E-04	4.90E-02	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00301	8.00E-04	3.70E-02	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00469	2.00E-03	3.40E-02	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00438	2.93E-03	4.20E-02	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.803	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.31	5.00E-01	5.10E+00	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.719	2.90E-01	2.90E+00	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.72	4.33E-01	5.00E+00	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.5	5.00E-01	4.40E+00	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.03	4.00E-01	4.30E+00	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.06	5.00E-01	4.70E+00	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.908	5.67E-01	5.30E+00	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.466	5.33E-01	5.20E+00	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.663	2.87E-01	2.70E+00	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.67	4.00E-01	4.60E+00	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.26	5.00E-01	5.20E+00	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.527	3.30E-01	3.50E+00	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.92	4.33E-01	5.30E+00	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.766	1.73E-01	1.70E+00	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.00168	2.20E-01	2.70E+00	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.87	3.33E-01	2.10E+00	—	pCi/L	—	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.14	3.33E-01	2.90E+00	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.3	3.33E-01	2.70E+00	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.95	2.03E-01	2.00E+00	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.5	2.83E-01	2.40E+00	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.06	1.80E-01	1.70E+00	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.2	2.47E-01	1.20E+00	—	pCi/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.12	3.20E-01	2.40E+00	—	pCi/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.4	3.17E-01	2.70E+00	—	pCi/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.53	2.70E-01	2.10E+00	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.78	1.63E-01	1.10E+00	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.92	1.97E-01	1.40E+00	—	pCi/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.6	1.90E+01	8.30E+01	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	27	8.00E+00	6.10E+01	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.3	2.00E+00	2.90E+01	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	78	3.23E+01	6.80E+01	—	pCi/L	—	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.9	1.13E+01	8.40E+01	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.7	9.33E+00	5.70E+01	—	pCi/L	—	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.5	2.90E+00	2.70E+01	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	4.00E+00	3.70E+01	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	3.67E+00	3.40E+01	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.1	2.03E+00	2.00E+01	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.12	3.33E+00	3.20E+01	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.7	4.33E+00	3.90E+01	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.8	3.23E+00	3.20E+01	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.4	4.00E+00	3.20E+01	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00229	1.07E-03	4.10E-02	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00591	1.97E-03	2.80E-02	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0138	2.17E-03	4.00E-02	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0044	1.03E-03	3.20E-02	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00156	5.33E-04	2.70E-02	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0021	1.57E-03	3.80E-02	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC

Table C-2 Pajarito 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-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00367	1.93E-03	2.60E-02	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.07E-03	4.20E-02	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00788	1.87E-03	3.90E-02	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00918	1.53E-03	2.80E-02	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0022	1.63E-03	3.50E-02	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00467	1.03E-03	3.10E-02	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00209	2.10E-03	3.80E-02	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00916	1.83E-03	3.70E-02	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.68	5.00E+00	5.50E+01	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.34	6.00E+00	4.80E+01	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.58	4.33E+00	3.90E+01	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.3	5.67E+00	6.10E+01	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.7	7.00E+00	7.00E+01	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.2	6.00E+00	6.10E+01	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.72	6.33E+00	6.50E+01	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.191	3.33E-02	3.00E-01	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.437	6.33E-02	4.80E-01	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.906	6.67E-02	2.60E-01	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	09/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.19	4.33E-02	4.30E-01	—	pCi/L	U	U	08-1961	CAPA-08-15030	GELC
R-23i	7001	400.3	09/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.502	6.33E-02	5.40E-01	—	pCi/L	U	U	08-1961	CAPA-08-15011	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.43	6.67E-02	6.20E-01	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.88	1.53E-01	1.10E+00	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.06	9.00E-02	7.10E-01	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	09/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.318	5.67E-02	5.40E-01	—	pCi/L	U	U	08-1961	CAPA-08-15030	GELC
R-23i	7001	400.3	09/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.138	7.00E-02	7.20E-01	—	pCi/L	U	U	08-1961	CAPA-08-15011	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.04	4.67E-01	5.20E+00	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.795	4.33E-01	4.60E+00	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.491	3.17E-01	3.10E+00	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.13	4.67E-01	3.90E+00	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.04	4.33E-01	3.50E+00	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.896	3.67E-01	3.20E+00	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.926	6.00E-01	4.80E+00	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0731	4.00E-02	4.80E-01	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.101	3.27E-02	3.40E-01	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.201	5.00E-02	4.90E-01	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0618	4.33E-02	4.90E-01	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.375	5.00E-02	4.60E-01	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0691	4.33E-02	4.60E-01	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0862	3.17E-02	3.70E-01	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.359	1.57E-02	1.50E-01	—	pCi/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.331	1.13E-02	7.00E-02	—	pCi/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.515	1.57E-02	3.00E-02	—	pCi/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.37	1.53E-02	1.20E-01	—	pCi/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.364	1.37E-02	9.50E-02	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.384	1.63E-02	1.50E-01	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.377	1.23E-02	7.10E-02	—	pCi/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00927	2.20E-03	6.80E-02	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0135	1.87E-03	3.20E-02	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.021	2.27E-03	2.40E-02	—	pCi/L	U	U	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0136	2.63E-03	6.30E-02	—	pCi/L	U	U	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0064	1.53E-03	4.80E-02	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	3.33E-03	6.80E-02	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC

Table C-2 Pajarito 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-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0298	2.83E-03	3.30E-02	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.173	1.00E-02	6.80E-02	—	pCi/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	03/03/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.208	8.00E-03	4.20E-02	—	pCi/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	03/10/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.267	9.33E-03	2.10E-02	—	pCi/L	—	—	10-2402	CAPA-10-12894	GELC
R-23i	7001	400.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.245	1.17E-02	7.50E-02	—	pCi/L	—	—	10-804	CAPA-10-6787	GELC
R-23i	7001	400.3	09/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.233	1.03E-02	4.80E-02	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.262	1.23E-02	6.80E-02	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	03/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.202	8.00E-03	4.20E-02	—	pCi/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.2	—	—	7.30E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.4	—	—	7.30E-01	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.9	—	—	7.30E-01	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.6	—	—	7.30E-01	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	5.00E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	5.00E-02	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	5.00E-02	mg/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	5.00E-02	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.7	—	—	3.00E-02	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.73	—	—	6.60E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.5	—	—	6.60E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8	—	—	6.60E-02	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.23	—	—	6.60E-02	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	3.30E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	3.30E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.307	—	—	3.30E-02	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.243	—	—	3.30E-02	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.1	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.3	—	—	3.50E-01	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.4	—	—	3.50E-01	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.7	—	—	3.50E-01	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.5	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.4	—	—	3.50E-01	mg/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.1	—	—	3.50E-01	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.8	—	—	3.50E-01	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.91	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.7	—	—	8.50E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.75	—	—	8.50E-02	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.86	—	—	8.50E-02	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.13	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.68	—	—	8.50E-02	mg/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.69	—	—	8.50E-02	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.45	—	—	8.50E-02	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.705	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.675	—	—	5.00E-02	mg/L	—	J	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.755	—	—	5.00E-02	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.83	—	—	1.00E-01	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.695	—	—	5.00E-02	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.214	—	—	5.00E-02	ug/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	5.00E-02	ug/L	—	J+	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.237	—	—	5.00E-02	ug/L	—	—	09-3171	CAPA-09-12243	GELC

Table C-2 Pajarito 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-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.221	—	—	5.00E-02	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.63	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	5.00E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.43	—	—	5.00E-02	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	5.00E-02	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	5.00E-02	mg/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	5.00E-02	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	5.00E-02	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	1.00E-01	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	4.50E-02	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	1.00E-01	mg/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	4.50E-02	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	2070	—	—	1.00E+00	uS/cm	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	217	—	—	1.00E+00	uS/cm	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	213	—	—	1.00E+00	uS/cm	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.41	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.95	—	—	1.00E-01	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.38	—	—	1.00E-01	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.48	—	—	1.00E-01	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.40E+00	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.40E+00	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.40E+00	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.1	—	—	3.30E-01	mg/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.802	—	—	3.30E-01	mg/L	J	J	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.968	—	—	3.30E-01	mg/L	J	U	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.23	—	—	1.00E-02	SU	H	J-	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.52	—	—	1.00E-02	SU	H	J-	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.22	—	—	1.50E+00	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.2	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.58	—	—	1.00E+00	ug/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.59	—	—	1.00E+00	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.07	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.6	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.4	—	—	1.00E+00	ug/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.48	—	—	1.00E+00	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.74	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9354	GELC

Table C-2 Pajarito 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-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	1.50E+01	ug/L	J	J	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.00E+01	ug/L	J	J	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	1.50E+01	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	1.50E+01	ug/L	J	J	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	1.00E+01	ug/L	J	J	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.16	—	—	1.00E-01	ug/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.07	—	—	1.00E-01	ug/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.86	—	—	1.00E-01	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.09	—	—	1.00E-01	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.14	—	—	1.00E-01	ug/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.05	—	—	1.00E-01	ug/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.94	—	—	1.00E-01	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.96	—	—	1.00E-01	ug/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.741	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.651	—	—	5.00E-01	ug/L	J	J	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.602	—	—	5.00E-01	ug/L	J	J	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.748	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.584	—	—	5.00E-01	ug/L	J	J	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.653	—	—	5.00E-01	ug/L	J	J	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.886	—	—	5.00E-01	ug/L	J	J	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.16	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.27	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.9	—	—	5.30E-02	mg/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41	—	—	5.30E-02	mg/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42	—	—	5.30E-02	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.7	—	—	3.20E-02	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	89.6	—	—	1.00E+00	ug/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.5	—	—	1.00E+00	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.3	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.4	—	—	1.00E+00	ug/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87.4	—	—	1.00E+00	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.4	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.14	—	—	5.00E-02	ug/L	—	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.933	—	—	5.00E-02	ug/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.997	—	—	5.00E-02	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.79	—	—	5.00E-02	ug/L	—	J	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.16	—	—	5.00E-02	ug/L	—	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.92	—	—	5.00E-02	ug/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.03	—	—	5.00E-02	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.824	—	—	5.00E-02	ug/L	—	J	09-2195	CAPA-09-9354	GELC

Table C-2 Pajarito 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-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.03	—	—	1.00E+00	ug/L	—	—	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.33	—	—	1.00E+00	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.26	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.64	—	—	1.00E+00	ug/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.52	—	—	1.00E+00	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1.00E+00	ug/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.26	—	—	3.30E+00	ug/L	J	J	10-2393	CAPA-10-12900	GELC
R-23i	7011	470.2	12/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.96	—	—	3.30E+00	ug/L	J	J	10-775	CAPA-10-6152	GELC
R-23i	7011	470.2	09/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.79	—	—	2.00E+00	ug/L	J	J	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.76	—	—	3.30E+00	ug/L	J	J	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.63	—	—	3.30E+00	ug/L	J	J	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.98	—	—	2.00E+00	ug/L	J	J	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00173	5.67E-04	3.00E-02	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00346	1.80E-03	3.80E-02	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0000876	7.67E-04	3.10E-02	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	5.33E-04	3.00E-02	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000867	1.30E-03	3.50E-02	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00373	5.33E-04	2.80E-02	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00138	9.33E-04	3.70E-02	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.131	5.33E-01	5.00E+00	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.734	4.67E-01	4.50E+00	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.846	2.50E-01	2.30E+00	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.296	4.67E-01	4.80E+00	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.127	4.67E-01	4.70E+00	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.91	5.67E-01	4.90E+00	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.44	4.67E-01	5.00E+00	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.91	5.33E-01	5.50E+00	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.354	5.00E-01	4.70E+00	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.81	2.53E-01	2.60E+00	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.92	5.00E-01	4.20E+00	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.416	6.33E-01	6.30E+00	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.793	4.33E-01	4.20E+00	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.222	4.67E-01	4.50E+00	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.875	2.23E-01	2.20E+00	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.941	2.40E-01	2.40E+00	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.579	2.17E-01	2.40E+00	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.801	1.53E-01	3.00E+00	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.5	2.47E-01	1.90E+00	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.5	3.67E-01	2.00E+00	—	pCi/L	—	—	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.96	3.00E-01	2.20E+00	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.02	2.70E-01	2.40E+00	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.71	3.17E-01	2.90E+00	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.79	2.97E-01	2.70E+00	—	pCi/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.01	2.43E-01	2.00E+00	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.46	2.67E-01	2.50E+00	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.06	2.53E-01	2.10E+00	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.02	2.40E-01	2.00E+00	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	93.4	1.50E+01	1.60E+02	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC

Table C-2 Pajarito 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-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	24.4	5.00E+00	3.50E+01	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27.9	4.00E+00	2.90E+01	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15	4.33E+00	2.90E+01	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	136	1.60E+01	1.30E+02	—	pCi/L	—	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	77.6	1.80E+01	6.60E+01	—	pCi/L	—	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.3	9.33E+00	4.90E+01	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.5	4.67E+00	4.30E+01	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.48	4.00E+00	3.50E+01	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.5	1.93E+00	1.60E+01	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.8	3.30E+00	3.10E+01	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.2	4.00E+00	4.10E+01	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.9	3.67E+00	3.80E+01	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17.6	3.67E+00	3.40E+01	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.00E-03	5.40E-02	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00882	1.97E-03	2.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00658	2.20E-03	3.80E-02	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0125	4.00E-03	3.70E-02	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00495	1.10E-03	2.90E-02	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00235	3.33E-03	4.20E-02	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00708	1.67E-03	2.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00597	1.40E-03	5.40E-02	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.43E-03	3.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00219	2.20E-03	2.70E-02	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.01	2.07E-03	4.00E-02	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0033	7.67E-04	3.20E-02	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00235	2.37E-03	4.30E-02	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00177	1.03E-03	3.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.35	7.33E+00	4.00E+01	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-28.5	5.67E+00	5.10E+01	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.69	3.67E+00	3.60E+01	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.8	6.33E+00	6.60E+01	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-30.2	6.00E+00	5.60E+01	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.2	5.33E+00	5.10E+01	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.45	6.00E+00	6.30E+01	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.217	5.00E-02	5.00E-01	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.35	1.30E-01	6.50E-01	—	pCi/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	09/15/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.135	4.33E-02	4.50E-01	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	03/14/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.347	4.67E-02	4.10E-01	—	pCi/L	U	U	08-813	CAPA-08-11023	GELC
R-23i	7011	470.2	12/19/07	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.411	5.00E-02	4.20E-01	—	pCi/L	U	U	08-437	CAPA-08-9378	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.522	7.00E-02	5.80E-01	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.244	7.00E-02	8.90E-01	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	09/15/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.245	6.00E-02	5.80E-01	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	03/14/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.22	9.00E-02	9.30E-01	—	pCi/L	U	U	08-813	CAPA-08-11023	GELC
R-23i	7011	470.2	12/19/07	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0178	5.33E-02	6.00E-01	—	pCi/L	U	U	08-437	CAPA-08-9378	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.8	5.00E-01	4.30E+00	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	4.67E-01	4.30E+00	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.559	2.60E-01	2.60E+00	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.565	5.00E-01	4.90E+00	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.88	5.33E-01	4.50E+00	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.36	4.00E-01	4.50E+00	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.77	5.00E-01	5.40E+00	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0846	4.33E-02	4.80E-01	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC

Table C-2 Pajarito 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-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.179	3.03E-02	3.40E-01	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.177	4.33E-02	4.90E-01	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.103	4.67E-02	4.90E-01	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.128	5.00E-02	4.90E-01	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.123	4.33E-02	4.30E-01	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.156	3.30E-02	3.50E-01	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.517	1.77E-02	1.10E-01	—	pCi/L	—	—	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.573	1.77E-02	7.50E-02	—	pCi/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.685	2.13E-02	4.30E-02	—	pCi/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.524	2.10E-02	1.40E-01	—	pCi/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.542	1.97E-02	1.30E-01	—	pCi/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.553	1.93E-02	1.20E-01	—	pCi/L	—	—	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.563	1.70E-02	7.20E-02	—	pCi/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0135	2.77E-03	4.90E-02	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.029	3.30E-03	3.50E-02	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0241	2.90E-03	3.40E-02	—	pCi/L	U	U	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0217	3.67E-03	7.50E-02	—	pCi/L	U	U	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00856	2.87E-03	6.40E-02	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0152	2.57E-03	5.60E-02	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	2.70E-03	3.30E-02	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	06/04/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.294	1.17E-02	5.00E-02	—	pCi/L	—	—	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	02/24/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.31	1.10E-02	4.40E-02	—	pCi/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	03/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.344	1.27E-02	3.10E-02	—	pCi/L	—	—	10-2393	CAPA-10-12899	GELC
R-23i	7011	470.2	12/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	1.23E-02	9.00E-02	—	pCi/L	—	—	10-775	CAPA-10-6151	GELC
R-23i	7011	470.2	09/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.246	1.23E-02	6.40E-02	—	pCi/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	06/04/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.332	1.33E-02	5.60E-02	—	pCi/L	—	—	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	02/24/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.293	1.03E-02	4.30E-02	—	pCi/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	7.30E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.5	—	—	7.30E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72	—	—	7.30E-01	mg/L	—	—	10-740	CAPA-10-6868	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71	—	—	7.30E-01	mg/L	—	—	10-740	CAPA-10-6866	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.4	—	—	7.30E-01	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.1	—	—	5.00E-02	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.6	—	—	3.00E-02	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.00E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.1	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	5.00E-02	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.17	—	—	6.60E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.74	—	—	6.60E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.97	—	—	6.60E-02	mg/L	—	J+	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.42	—	—	6.60E-02	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	9.13	—	—	6.60E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.206	—	—	3.30E-02	mg/L	—	J-	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.368	—	—	3.30E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.391	—	—	3.30E-02	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.234	—	—	3.30E-02	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	3.30E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC

Table C-2 Pajarito 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-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.7	—	—	3.50E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	3.50E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	3.50E-01	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	3.50E-01	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.2	—	—	3.50E-01	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.1	—	—	3.50E-01	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	3.50E-01	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.3	—	—	3.50E-01	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79	—	—	3.50E-01	mg/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80	—	—	3.50E-01	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.92	—	—	8.50E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.72	—	—	8.50E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.69	—	—	8.50E-02	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.78	—	—	8.50E-02	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.12	—	—	8.50E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.04	—	—	8.50E-02	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.65	—	—	8.50E-02	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.74	—	—	8.50E-02	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.06	—	—	8.50E-02	mg/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.17	—	—	8.50E-02	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.855	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.89	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.895	—	—	5.00E-02	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.227	—	—	1.00E-02	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.795	—	—	5.00E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	5.00E-02	ug/L	—	J+	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.277	—	—	5.00E-02	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.213	—	—	5.00E-02	ug/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.235	—	—	5.00E-02	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	5.00E-02	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	5.00E-02	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	5.00E-02	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.57	—	—	5.00E-02	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	5.00E-02	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	5.00E-02	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	1.00E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	4.50E-02	mg/L	N	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.00E-01	mg/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	4.50E-02	mg/L	N	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1.00E+00	uS/cm	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	200	—	—	1.00E+00	uS/cm	—	—	10-740	CAPA-10-6862	GELC

Table C-2 Pajarito 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-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.82	—	—	1.00E-01	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.51	—	—	1.00E-01	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.24	—	—	1.00E-01	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.44	—	—	1.00E-01	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.72	—	—	1.00E-01	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.40E+00	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.97	—	—	3.30E-01	mg/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.619	—	—	3.30E-01	mg/L	J	J	10-739	CAPA-10-6863	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.09	—	—	3.30E-01	mg/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1021	CAPA-09-4298	GELC
R-23i	7021	524	06/20/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.17	—	—	3.30E-01	mg/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.22	—	—	1.00E-02	SU	H	J-	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.35	—	—	1.00E-02	SU	H	J-	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	173	—	—	6.80E+01	ug/L	J	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	103	—	—	6.80E+01	ug/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.58	—	—	1.50E+00	ug/L	J	J	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.84	—	—	1.50E+00	ug/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.86	—	—	1.50E+00	ug/L	J	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.74	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.64	—	—	1.00E+00	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.12	—	—	1.00E+00	ug/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1.00E+00	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.8	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.84	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.55	—	—	1.00E+00	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.63	—	—	1.00E+00	ug/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1.00E+00	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.9	—	—	1.50E+01	ug/L	J	J	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.5	—	—	1.00E+01	ug/L	J	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20	—	—	1.00E+01	ug/L	J	J	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.50E+01	ug/L	J	J	10-2379	CAPA-10-12853	GELC

Table C-2 Pajarito 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-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	1.50E+01	ug/L	J	J	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.50E+01	ug/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.00E+01	ug/L	J	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23	—	—	1.00E+01	ug/L	J	J	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.05	—	—	1.00E+00	ug/L	J	J	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	68.8	—	—	3.00E+01	ug/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.4	—	—	3.00E+01	ug/L	J	J	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	38.4	—	—	2.50E+01	ug/L	J	J	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.75	—	—	2.00E+00	ug/L	J	J	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.03	—	—	2.00E+00	ug/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.87	—	—	1.00E-01	ug/L	—	J	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	1.00E-01	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.35	—	—	1.00E-01	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.71	—	—	1.00E-01	ug/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.75	—	—	1.00E-01	ug/L	—	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.36	—	—	1.00E-01	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.71	—	—	1.00E-01	ug/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.11	—	—	5.00E-01	ug/L	J	J	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.588	—	—	5.00E-01	ug/L	J	J	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.602	—	—	5.00E-01	ug/L	J	J	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.766	—	—	5.00E-01	ug/L	J	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	5.00E-01	ug/L	J	J	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.688	—	—	5.00E-01	ug/L	J	J	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.651	—	—	5.00E-01	ug/L	J	J	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	ug/L	J	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.56	—	—	5.00E-01	ug/L	J	J	09-1022	CAPA-09-4298	GELC

Table C-2 Pajarito 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-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.8	—	—	5.30E-02	mg/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.5	—	—	5.30E-02	mg/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.8	—	—	5.30E-02	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.8	—	—	3.20E-05	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.7	—	—	3.20E-02	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	99.3	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.2	—	—	1.00E+00	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.9	—	—	1.00E+00	ug/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.9	—	—	1.00E+00	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.3	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.1	—	—	1.00E+00	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.6	—	—	1.00E+00	ug/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99	—	—	1.00E+00	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.791	—	—	5.00E-02	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.63	—	—	5.00E-02	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.646	—	—	5.00E-02	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.772	—	—	5.00E-02	ug/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	5.00E-02	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.782	—	—	5.00E-02	ug/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.63	—	—	5.00E-02	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.68	—	—	5.00E-02	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.752	—	—	5.00E-02	ug/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	5.00E-02	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12852	GELC
R-23i	7021	524	12/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.47	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6862	GELC
R-23i	7021	524	09/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.67	—	—	1.00E+00	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.86	—	—	1.00E+00	ug/L	J	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.24	—	—	1.00E+00	ug/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.09	—	—	1.00E+00	ug/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.96	—	—	1.00E+00	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1.00E+00	ug/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1.00E+00	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00722	2.93E-03	3.40E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.002	1.97E-03	4.00E-02	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00447	1.07E-03	3.00E-02	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000687	6.00E-04	3.20E-02	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	1.83E-03	4.00E-02	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00443	3.33E-03	3.80E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00353	2.10E-03	3.80E-02	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.93	6.00E-01	5.00E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.658	4.67E-01	4.40E+00	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.457	6.00E-01	5.60E+00	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.295	4.67E-01	4.60E+00	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.12	5.00E-01	4.60E+00	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.06	7.00E-01	5.90E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.31	5.33E-01	4.20E+00	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.03	6.00E-01	5.70E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.127	4.33E-01	4.30E+00	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.148	5.33E-01	5.20E+00	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC

Table C-2 Pajarito 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-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.17	5.33E-01	5.80E+00	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.264	6.00E-01	6.00E+00	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.533	5.00E-01	5.00E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.223	5.33E-01	5.20E+00	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.822	1.73E-01	1.60E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	2.61	3.67E-01	2.80E+00	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.989	2.23E-01	2.10E+00	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.01	3.27E-01	2.90E+00	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.561	1.77E-01	2.00E+00	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.191	1.10E-01	1.70E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.898	2.43E-01	2.50E+00	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.26	3.10E-01	2.10E+00	—	pCi/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.29	3.33E-01	2.80E+00	—	pCi/L	—	—	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.53	3.13E-01	2.40E+00	—	pCi/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.79	2.57E-01	2.30E+00	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.49	4.00E-01	2.60E+00	—	pCi/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.63	2.67E-01	2.10E+00	—	pCi/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.03	3.00E-01	2.80E+00	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	99.1	2.43E+01	1.10E+02	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.19	3.33E+00	2.10E+01	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.94	1.33E+00	6.20E+00	—	pCi/L	—	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	45.9	1.10E+01	6.40E+01	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	119	1.37E+01	1.00E+02	—	pCi/L	—	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	143	2.37E+01	1.50E+02	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	1.98	1.87E+00	1.50E+01	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.7	3.00E+00	3.00E+01	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.87	3.27E+00	3.20E+01	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.54	3.67E+00	3.50E+01	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.9	4.00E+00	3.40E+01	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.31	3.67E+00	3.80E+01	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.6	3.23E+00	2.60E+01	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.57	3.67E+00	3.40E+01	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00426	1.23E-03	3.80E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00647	2.17E-03	3.10E-02	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0135	2.13E-03	3.90E-02	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00216	2.97E-03	3.20E-02	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00182	8.67E-04	3.20E-02	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	4.20E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00197	2.37E-03	2.80E-02	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00851	2.00E-03	3.90E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00647	1.90E-03	4.30E-02	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00449	1.07E-03	2.70E-02	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-2.58E-10	1.03E-03	3.40E-02	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0163	1.83E-03	3.60E-02	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.57E-03	4.30E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00197	1.13E-03	4.00E-02	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.49	6.00E+00	5.70E+01	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.27	6.00E+00	6.10E+01	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.35	7.67E+00	7.60E+01	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-44.5	6.00E+00	5.30E+01	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.7	6.33E+00	5.70E+01	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.9	6.00E+00	6.30E+01	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC

Table C-2 Pajarito 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-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.89	6.33E+00	6.40E+01	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.356	6.33E-01	5.80E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.82	4.00E-01	3.30E+00	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.01	5.67E-01	5.30E+00	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.02	4.00E-01	3.40E+00	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.617	5.33E-01	5.40E+00	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.737	6.00E-01	5.40E+00	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.31	6.00E-01	4.30E+00	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.277	4.67E-02	4.30E-01	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.124	2.20E-02	2.50E-01	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0169	4.33E-02	5.10E-01	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.159	4.00E-02	4.80E-01	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0882	4.67E-02	5.00E-01	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.102	4.67E-02	4.80E-01	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00182	4.00E-02	4.00E-01	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.5265	3.19E-01	2.87E-01	—	pCi/L	—	—	10-2383	CAPA-10-12853	UMTL
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.2072	3.19E-01	2.87E-01	—	pCi/L	—	—	10-741	CAPA-10-6863	UMTL
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	36.4002	4.26E-01	2.87E-01	—	pCi/L	—	—	09-3246	CAPA-09-12246	UMTL
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	32.2493	3.19E-01	2.87E-01	—	pCi/L	—	J	09-2354	CAPA-09-9361	UMTL
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.5265	4.26E-01	2.87E-01	—	pCi/L	—	—	09-1038	CAPA-09-4298	UMTL
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.488	1.80E-02	1.30E-01	—	pCi/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.311	1.07E-02	6.70E-02	—	pCi/L	—	—	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.486	1.63E-02	4.30E-02	—	pCi/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.435	1.77E-02	1.30E-01	—	pCi/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.33	1.30E-02	1.00E-01	—	pCi/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.524	1.83E-02	1.20E-01	—	pCi/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.374	1.27E-02	7.70E-02	—	pCi/L	—	—	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00813	2.70E-03	6.00E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00433	1.43E-03	3.10E-02	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0151	2.27E-03	3.40E-02	—	pCi/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.015	3.67E-03	7.00E-02	—	pCi/L	U	U	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	2.60E-03	5.20E-02	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0227	3.67E-03	5.60E-02	—	pCi/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0347	3.20E-03	3.60E-02	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	06/10/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.197	1.00E-02	6.00E-02	—	pCi/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	02/25/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.156	6.67E-03	4.00E-02	—	pCi/L	—	—	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.283	1.10E-02	3.10E-02	—	pCi/L	—	—	10-2379	CAPA-10-12853	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.182	1.03E-02	8.30E-02	—	pCi/L	—	—	10-740	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.174	8.67E-03	5.10E-02	—	pCi/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	1.10E-02	5.60E-02	—	pCi/L	—	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.2	8.00E-03	4.60E-02	—	pCi/L	—	—	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	03/08/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	5.6	—	—	3.50E+00	ug/L	J	J	10-2379	CAPA-10-12854	GELC
R-23i	7021	524	12/01/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	10-739	CAPA-10-6863	GELC
R-23i	7021	524	09/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	06/10/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	02/25/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-1021	CAPA-09-4298	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70.3	—	—	7.30E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.4	—	—	7.30E-01	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.5	—	—	7.30E-01	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.6	—	—	7.30E-01	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.1	—	—	7.30E-01	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC

Table C-2 Pajarito 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-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	3.00E-02	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	3.00E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	5.00E-02	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	3.00E-02	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	3.00E-02	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.71	—	—	6.60E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.99	—	—	6.60E-02	mg/L	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.85	—	—	6.60E-02	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.97	—	—	6.60E-02	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.09	—	—	6.60E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.263	—	—	3.30E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.247	—	—	3.30E-02	mg/L	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.363	—	—	3.30E-02	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.324	—	—	3.30E-02	mg/L	—	J-	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.368	—	—	3.30E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	3.50E-01	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.3	—	—	3.50E-01	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	3.50E-01	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	3.50E-01	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	3.50E-01	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.9	—	—	3.50E-01	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	3.50E-01	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	3.50E-01	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.9	—	—	3.50E-01	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.09	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	8.50E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.77	—	—	8.50E-02	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.92	—	—	8.50E-02	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.72	—	—	8.50E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	8.50E-02	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.93	—	—	8.50E-02	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	8.50E-02	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	8.50E-02	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.9	—	—	8.50E-02	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.965	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.92	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.203	—	—	1.00E-02	mg/L	—	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.28	—	—	1.00E-02	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.98	—	—	5.00E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.344	—	—	5.00E-02	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.366	—	—	5.00E-02	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.363	—	—	5.00E-02	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.331	—	—	5.00E-02	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.333	—	—	5.00E-02	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	09-3055	CAPA-09-12278	GELC

Table C-2 Pajarito 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-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	5.00E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	5.00E-02	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	5.00E-02	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.63	—	—	5.00E-02	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	163	—	—	1.00E+00	uS/cm	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	163	—	—	1.00E+00	uS/cm	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	168	—	—	1.00E+00	uS/cm	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1.00E+00	uS/cm	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	161	—	—	1.00E+00	uS/cm	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.02	—	—	1.00E-01	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.34	—	—	1.00E-01	mg/L	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.86	—	—	1.00E-01	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.09	—	—	1.00E-01	mg/L	—	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.42	—	—	1.00E-01	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.40E+00	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.16	—	—	3.30E-01	mg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.401	—	—	3.30E-01	mg/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.33	—	—	3.30E-01	mg/L	—	—	09-2238	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.61	—	—	3.30E-01	mg/L	J	J	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.37	—	—	3.30E-01	mg/L	—	—	09-529	CAPA-09-1240	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J-	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J-	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.4	—	—	1.00E-02	SU	H	J-	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	1.00E-02	SU	H	J-	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	1.00E-02	SU	H	J-	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.77	—	—	1.50E+00	ug/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2.09	—	—	1.50E+00	ug/L	J	U	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.27	—	—	1.50E+00	ug/L	J	U	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.7	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12839	GELC

Table C-2 Pajarito 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-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	43	—	—	1.00E+00	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.9	—	—	1.00E+00	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.7	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.6	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.8	—	—	1.00E+00	ug/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.1	—	—	1.00E+00	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.4	—	—	1.00E+00	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.54	—	—	2.00E+00	ug/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.23	—	—	2.00E+00	ug/L	J	J	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.15	—	—	2.00E+00	ug/L	J	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.89	—	—	2.00E+00	ug/L	J	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4	—	—	2.00E+00	ug/L	J	J	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.06	—	—	2.00E+00	ug/L	J	J	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.16	—	—	2.00E+00	ug/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.26	—	—	2.00E+00	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.4	—	—	2.00E+00	ug/L	J	J	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2.00E+00	ug/L	J	J	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.34	—	—	1.00E-01	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.19	—	—	1.00E-01	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.09	—	—	1.00E-01	ug/L	—	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.07	—	—	1.00E-01	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.1	—	—	1.00E-01	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.4	—	—	1.00E-01	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.11	—	—	1.00E-01	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.14	—	—	1.00E-01	ug/L	—	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.12	—	—	1.00E-01	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.1	—	—	1.00E-01	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.64	—	—	5.00E-01	ug/L	J	J	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	1.79	—	—	5.00E-01	ug/L	J	U	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.31	—	—	5.00E-01	ug/L	J	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	J	J	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.58	—	—	5.00E-01	ug/L	J	J	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.57	—	—	5.00E-01	ug/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2.01	—	—	5.00E-01	ug/L	—	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	5.00E-01	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.56	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.75	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.14	—	—	1.00E+00	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	5.30E-02	mg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.6	—	—	5.30E-02	mg/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.7	—	—	5.30E-02	mg/L	—	—	09-3055	CAPA-09-12278	GELC

Table C-2 Pajarito 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-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.4	—	—	3.20E-02	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.6	—	—	3.20E-02	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.7	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	74.6	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.7	—	—	1.00E+00	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.6	—	—	1.00E+00	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.7	—	—	1.00E+00	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.9	—	—	1.00E+00	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1.00E+00	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.9	—	—	1.00E+00	ug/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.6	—	—	1.00E+00	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.8	—	—	1.00E+00	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.72	—	—	1.00E+00	ug/L	J	J	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.39	—	—	1.00E+00	ug/L	J	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.61	—	—	1.00E+00	ug/L	J	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1.00E+00	ug/L	J	J	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.95	—	—	1.00E+00	ug/L	J	J	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.67	—	—	1.00E+00	ug/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.47	—	—	1.00E+00	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1.00E+00	ug/L	J	J	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1.00E+00	ug/L	J	J	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	33	—	—	3.30E+00	ug/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	867.5	12/07/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	29.2	—	—	3.30E+00	ug/L	—	—	10-844	CAPA-10-6376	GELC
R-32	8421	867.5	08/31/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	27.2	—	—	3.30E+00	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	27.6	—	—	2.00E+00	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	44.9	—	—	2.00E+00	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.4	—	—	3.30E+00	ug/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	30.7	—	—	3.30E+00	ug/L	—	—	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	32.9	—	—	3.30E+00	ug/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.2	—	—	2.00E+00	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	49.2	—	—	2.00E+00	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00243	6.67E-04	2.70E-02	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00906	2.83E-03	4.00E-02	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00192	1.47E-03	2.40E-02	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0119	1.70E-03	2.60E-02	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00493	1.20E-03	3.90E-02	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00705	1.10E-03	2.70E-02	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00181	9.67E-04	3.80E-02	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	1.53E-03	2.70E-02	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.8	4.00E-01	3.50E+00	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.893	4.00E-01	4.10E+00	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.382	3.67E-01	3.50E+00	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.11	3.10E-01	2.90E+00	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.154	4.67E-01	4.70E+00	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.379	5.00E-01	4.80E+00	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.31	4.67E-01	5.00E+00	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.441	3.67E-01	3.90E+00	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.439	3.33E-01	3.60E+00	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.457	4.00E-01	3.60E+00	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.184	4.00E-01	3.90E+00	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.658	2.63E-01	2.80E+00	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC

Table C-2 Pajarito 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-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.27	4.33E-01	4.60E+00	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.76	4.33E-01	3.50E+00	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.532	4.67E-01	4.70E+00	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.39	3.67E-01	3.40E+00	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15.9	2.87E+00	2.80E+01	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	22.9	6.67E+00	3.50E+01	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	36.1	6.33E+00	4.20E+01	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	3.26	4.00E-01	2.30E+00	—	pCi/L	—	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	74.1	1.10E+01	8.30E+01	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22.1	9.33E+00	3.30E+01	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.3	9.67E+00	3.30E+01	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24.6	4.00E+00	3.60E+01	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.8	4.00E+00	3.70E+01	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.72	3.33E+00	3.40E+01	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.2	3.13E+00	3.10E+01	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.17	2.43E+00	2.40E+01	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.265	3.33E+00	3.40E+01	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.2	4.00E+00	3.90E+01	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.04	3.67E+00	3.50E+01	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.66	2.67E+00	2.50E+01	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00213	1.23E-03	3.80E-02	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00569	1.90E-03	2.70E-02	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00317	2.37E-03	3.90E-02	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0158	2.10E-03	3.40E-02	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00385	3.67E-03	4.00E-02	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00399	1.17E-03	3.60E-02	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00208	2.50E-03	3.00E-02	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.80E-03	3.70E-02	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00638	1.60E-03	3.90E-02	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00379	9.00E-04	3.80E-02	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00634	2.13E-03	5.00E-02	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0119	1.63E-03	2.40E-02	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0115	1.57E-03	4.50E-02	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00598	1.50E-03	3.60E-02	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0187	2.70E-03	4.20E-02	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.40E-03	4.70E-02	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.15	6.00E+00	6.40E+01	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.5	6.00E+00	5.60E+01	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.7	4.67E+00	4.20E+01	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.25	4.33E+00	3.80E+01	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.83	6.00E+00	6.20E+01	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.6	6.00E+00	5.90E+01	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-27.3	6.00E+00	5.40E+01	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-37.6	4.67E+00	3.90E+01	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0	3.33E-02	4.20E-01	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.169	5.67E-02	6.20E-01	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	09/08/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.316	5.33E-02	4.80E-01	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	03/04/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.448	5.67E-02	4.90E-01	—	pCi/L	U	U	08-743	CAPA-08-11055	GELC
R-32	8421	867.5	12/14/07	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.263	5.33E-02	5.00E-01	—	pCi/L	U	U	08-401	CAPA-08-9338	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.136	4.33E-02	4.40E-01	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.663	8.67E-02	7.50E-01	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	09/08/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.347	4.67E-02	3.90E-01	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC

Table C-2 Pajarito 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-32	8421	867.5	03/04/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.623	8.00E-02	6.90E-01	—	pCi/L	U	U	08-743	CAPA-08-11055	GELC
R-32	8421	867.5	12/14/07	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0149	3.67E-02	4.20E-01	—	pCi/L	U	U	08-401	CAPA-08-9338	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.161	3.67E-01	3.60E+00	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.71	3.67E-01	2.80E+00	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.543	3.33E-01	3.50E+00	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.23	2.87E-01	2.50E+00	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.42	4.67E-01	4.40E+00	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.97	4.33E-01	3.50E+00	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.417	4.67E-01	4.70E+00	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.956	3.67E-01	3.90E+00	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.074	3.67E-02	3.80E-01	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.101	3.67E-02	4.00E-01	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.269	3.67E-02	3.50E-01	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.147	4.67E-02	4.90E-01	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.27	3.07E-02	2.90E-01	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.173	4.33E-02	4.60E-01	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.109	3.33E-02	3.60E-01	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0977	2.80E-02	3.00E-01	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.471	1.63E-02	1.00E-01	—	pCi/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.481	1.47E-02	6.50E-02	—	pCi/L	—	—	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.535	1.63E-02	6.40E-02	—	pCi/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.464	1.57E-02	4.10E-02	—	pCi/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.491	1.47E-02	6.20E-02	—	pCi/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.552	1.87E-02	1.10E-01	—	pCi/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.489	1.47E-02	6.70E-02	—	pCi/L	—	—	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.577	1.73E-02	6.60E-02	—	pCi/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0128	3.03E-03	4.70E-02	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0334	2.90E-03	3.00E-02	—	pCi/L	—	—	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0237	2.57E-03	3.40E-02	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0198	2.87E-03	3.20E-02	—	pCi/L	U	U	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0253	2.70E-03	3.10E-02	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.01	3.33E-03	4.90E-02	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.026	2.77E-03	3.10E-02	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0316	3.33E-03	3.50E-02	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	06/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.208	9.33E-03	4.70E-02	—	pCi/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	02/26/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.235	8.67E-03	3.90E-02	—	pCi/L	—	—	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.263	9.67E-03	4.00E-02	—	pCi/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	8.33E-03	2.90E-02	—	pCi/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.246	9.00E-03	3.10E-02	—	pCi/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.251	1.07E-02	4.90E-02	—	pCi/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.221	8.33E-03	4.00E-02	—	pCi/L	—	—	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	9.33E-03	4.10E-02	—	pCi/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	03/09/10	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	4.78	—	—	3.50E+00	ug/L	J	J	10-2392	CAPA-10-12837	GELC
R-32	8421	867.5	12/07/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	3.88	—	—	3.50E+00	ug/L	J	J	10-844	CAPA-10-6377	GELC
R-32	8421	867.5	08/31/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	U	09-3054	CAPA-09-12277	GELC
R-32	8421	867.5	06/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	52.4	—	—	3.50E+00	ug/L	—	J	09-2238	CAPA-09-9418	GELC
R-32	8421	867.5	02/26/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-1031	CAPA-09-4358	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1.00E+00	uS/cm	—	—	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	11/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	uS/cm	—	—	10-615	CAMO-10-5484	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	146	—	—	1.00E+00	uS/cm	—	—	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.771	—	—	3.30E-01	mg/L	J	J	10-2294	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-1020	CAPA-10-6824	GELC

Table C-2 Pajarito 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-37	8811	1026	11/18/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.387	—	—	3.30E-01	mg/L	J	J	10-615	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-2421	CAMO-09-10526	GELC
R-37	8811	1026	12/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	10-1021	CAPA-10-6827	GELC
R-37	8811	1026	11/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	1.00E-02	SU	H	J-	10-615	CAMO-10-5484	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	1.00E-02	SU	H	J-	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00383	5.00E-03	3.90E-02	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00807	1.80E-03	4.40E-02	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00121	1.10E-03	3.70E-02	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	8.00E-04	3.30E-02	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00793	1.73E-03	3.80E-02	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.174	5.00E-01	4.70E+00	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.51	4.33E-01	5.00E+00	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.33	4.67E-01	5.30E+00	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.23	4.33E-01	4.20E+00	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.43	4.67E-01	4.70E+00	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.133	4.33E-01	4.40E+00	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.27	5.00E-01	4.50E+00	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.234	4.67E-01	4.80E+00	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0132	4.33E-01	4.30E+00	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2	4.67E-01	5.20E+00	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	-0.0579	1.30E-01	1.90E+00	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.37	1.90E-01	2.30E+00	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.59	3.67E-01	2.90E+00	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.69	2.80E-01	2.40E+00	—	pCi/L	U	U	10-616	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.119	1.27E-01	1.90E+00	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.982	1.87E-01	1.80E+00	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.612	2.23E-01	2.30E+00	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.25	2.67E-01	2.20E+00	—	pCi/L	—	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.85	2.50E-01	2.20E+00	—	pCi/L	U	U	10-616	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.493	2.13E-01	2.20E+00	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	36.8	1.10E+01	2.90E+01	—	pCi/L	—	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18	2.73E+00	2.30E+01	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.8	3.67E+00	3.90E+01	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.1	1.17E+01	8.70E+01	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	36.4	8.67E+00	8.30E+01	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-23.8	3.33E+00	3.10E+01	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.9	3.33E+00	3.40E+01	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.75	3.67E+00	3.40E+01	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.8	3.17E+00	3.20E+01	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.63	4.00E+00	3.50E+01	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00462	2.23E-03	2.80E-02	—	pCi/L	U	UJ	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00376	3.67E-03	4.50E-02	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00215	7.33E-04	3.10E-02	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00722	3.67E-03	3.00E-02	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00407	4.00E-03	3.70E-02	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00154	1.37E-03	2.80E-02	—	pCi/L	U	UJ	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0011	2.37E-03	3.20E-02	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00215	7.00E-04	3.40E-02	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0108	1.70E-03	3.00E-02	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.37E-03	3.70E-02	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-14.8	6.00E+00	5.50E+01	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.4	6.00E+00	5.50E+01	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC

Table C-2 Pajarito 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-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.12	5.33E+00	5.80E+01	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.21	5.00E+00	4.60E+01	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.19	6.00E+00	6.00E+01	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.309	5.33E-02	4.70E-01	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.102	2.57E-02	2.60E-01	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.256	3.67E-02	2.80E-01	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.655	7.67E-02	5.90E-01	—	pCi/L	—	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0863	6.67E-02	8.20E-01	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.37	1.27E-01	8.90E-01	—	pCi/L	—	—	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.5	5.33E-01	4.60E+00	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0922	4.33E-01	4.20E+00	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.97	5.00E-01	5.70E+00	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.11	4.33E-01	3.90E+00	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.944	5.00E-01	4.40E+00	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.113	4.33E-02	4.90E-01	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.106	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.117	4.33E-02	4.90E-01	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.303	3.67E-02	4.80E-01	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.131	4.33E-02	4.70E-01	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	4.53406	9.58E-02	2.87E-01	—	pCi/L	—	—	10-2383	CAPA-10-13073	UMTL
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	24.42645	1.25E+00	1.63E+00	—	pCi/L	—	—	10-1022	CAPA-10-6824	ARSL
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	13.47446	1.49E-01	2.87E-01	—	pCi/L	—	—	10-663	CAMO-10-5483	UMTL
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-1.68	1.00E+01	1.10E+02	—	pCi/L	U	U	10-615	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.54281	9.58E-02	2.87E-01	—	pCi/L	—	U	09-2459	CAMO-09-10526	UMTL
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.62	2.10E-02	1.20E-01	—	pCi/L	—	—	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.473	1.70E-02	5.10E-02	—	pCi/L	—	—	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.05	3.23E-02	1.10E-01	—	pCi/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.758	2.17E-02	6.80E-02	—	pCi/L	—	—	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.605	2.03E-02	1.20E-01	—	pCi/L	—	—	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	2.60E-03	5.60E-02	—	pCi/L	U	U	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0214	2.97E-03	4.00E-02	—	pCi/L	U	U	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0496	5.00E-03	5.70E-02	—	pCi/L	U	U	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0259	2.67E-03	3.50E-02	—	pCi/L	U	U	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.025	3.67E-03	5.20E-02	—	pCi/L	U	U	09-2422	CAMO-09-10526	GELC
R-37	8811	1026	06/22/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.28	1.23E-02	5.70E-02	—	pCi/L	—	—	09-2422	CAMO-09-10527	GELC
R-37	8811	1026	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.21	9.67E-03	3.60E-02	—	pCi/L	—	—	10-2296	CAPA-10-13073	GELC
R-37	8811	1026	12/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.482	1.77E-02	6.90E-02	—	pCi/L	—	—	10-1021	CAPA-10-6824	GELC
R-37	8811	1026	11/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.341	1.17E-02	4.20E-02	—	pCi/L	—	—	10-614	CAMO-10-5483	GELC
R-37	8811	1026	06/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.228	1.00E-02	5.30E-02	—	pCi/L	—	—	09-2422	CAMO-09-10526	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	231	—	—	1.00E+00	uS/cm	—	—	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	11/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	230	—	—	1.00E+00	uS/cm	—	—	10-625	CAMO-10-5357	GELC
R-37	8821	929.3	08/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	uS/cm	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1.00E+00	uS/cm	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.045	—	—	3.30E-02	mg/L	J	J	10-2248	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-1020	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	10-625	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-2982	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-2601	CAMO-09-10532	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.961	—	—	3.30E-01	mg/L	J	J	10-2248	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.16	—	—	3.30E-01	mg/L	—	—	10-1020	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.31	—	—	3.30E-01	mg/L	—	—	10-625	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.564	—	—	3.30E-01	mg/L	J	J	09-2982	CAMO-09-9912	GELC

Table C-2 Pajarito 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-37	8821	929.3	07/13/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.601	—	—	3.30E-01	mg/L	J	J	09-2601	CAMO-09-10532	GELC
R-37	8821	929.3	12/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	10-1021	CAPA-10-6821	GELC
R-37	8821	929.3	11/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	1.00E-02	SU	H	J-	10-625	CAMO-10-5357	GELC
R-37	8821	929.3	08/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	1.00E-02	SU	H	J-	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J-	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0202	6.33E-03	4.80E-02	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00477	1.43E-03	4.60E-02	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00816	2.63E-03	3.40E-02	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0113	1.90E-03	3.20E-02	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00119	5.67E-04	3.10E-02	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000389	2.50E-03	5.20E-02	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.87	6.67E-01	5.70E+00	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.91	3.33E-01	3.60E+00	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.644	4.00E-01	4.00E+00	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1	6.33E-01	5.40E+00	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.77	6.00E-01	5.90E+00	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.13	8.33E-01	7.10E+00	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.883	7.67E-01	7.40E+00	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.96	4.67E-01	3.10E+00	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.309	3.67E-01	3.80E+00	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.165	6.00E-01	5.80E+00	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.28	5.00E-01	5.10E+00	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.176	6.00E-01	5.90E+00	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	—	2.91	2.53E-01	1.40E+00	—	pCi/L	—	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.57	2.80E-01	2.50E+00	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.36	2.83E-01	2.70E+00	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.06	3.10E-01	3.10E+00	—	pCi/L	U	U	10-626	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.93	2.87E-01	2.10E+00	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.37	3.07E-01	1.20E+00	—	pCi/L	—	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.44	3.10E-01	2.80E+00	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.06	2.67E-01	2.70E+00	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.41	3.33E-01	2.30E+00	—	pCi/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.46	2.73E-01	2.60E+00	—	pCi/L	U	U	10-626	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.51	2.53E-01	2.00E+00	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.47	3.10E-01	2.80E+00	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	104	3.30E+01	1.10E+02	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23	2.47E+00	2.30E+01	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	42	8.00E+00	5.50E+01	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	182	2.23E+01	1.20E+02	—	pCi/L	—	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	57.1	1.13E+01	8.30E+01	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	113	2.17E+01	1.20E+02	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.9	5.33E+00	4.50E+01	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.96	1.77E+00	1.60E+01	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.605	3.03E+00	2.80E+01	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	—	44	3.33E+00	2.50E+01	—	pCi/L	—	—	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	30.9	4.33E+00	4.20E+01	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.6	4.00E+00	4.00E+01	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00343	1.57E-03	4.40E-02	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0175	3.67E-03	4.20E-02	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00226	1.07E-03	3.30E-02	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.30E-03	3.20E-02	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00378	9.00E-04	3.30E-02	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC

Table C-2 Pajarito 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-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.000543	1.17E-03	4.20E-02	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00685	2.20E-03	5.40E-02	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0143	2.43E-03	2.90E-02	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00226	1.70E-03	3.60E-02	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00392	1.30E-03	3.20E-02	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00757	1.40E-03	3.70E-02	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00442	1.40E-03	5.20E-02	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.6	1.07E+01	9.40E+01	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.58	4.67E+00	4.20E+01	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-32	6.00E+00	5.30E+01	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.1	6.00E+00	6.70E+01	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.4	5.67E+00	6.70E+01	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-33.9	8.67E+00	6.40E+01	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.198	7.00E-01	6.80E+00	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.367	3.67E-01	3.60E+00	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.568	4.33E-01	4.00E+00	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.942	5.67E-01	5.70E+00	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.644	4.33E-01	4.40E+00	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.156	6.33E-01	6.50E+00	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.252	4.67E-02	4.50E-01	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0845	4.00E-02	4.60E-01	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.304	3.67E-02	4.80E-01	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0592	3.67E-02	4.50E-01	—	pCi/L	U	U	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.65	5.67E-02	2.20E-01	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	08/20/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	0.105	4.33E-02	4.50E-01	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.119	4.00E-02	4.10E-01	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	44.702	4.26E-01	2.87E-01	—	pCi/L	—	—	10-2251	CAPA-10-12855	UMTL
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	26.31032	1.36E+00	2.33E+00	—	pCi/L	—	—	10-1022	CAPA-10-6823	ARSL
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	39.9125	4.26E-01	2.87E-01	—	pCi/L	—	—	10-663	CAMO-10-5356	UMTL
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	56.7	1.10E+01	1.10E+02	—	pCi/L	U	U	10-625	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.50071	9.58E-02	2.87E-01	—	pCi/L	—	—	09-3009	CAMO-09-9912	UMTL
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	11.4948	1.28E-01	2.87E-01	—	pCi/L	—	—	09-2608	CAMO-09-10532	UMTL
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.02	3.23E-02	1.40E-01	—	pCi/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.987	3.00E-02	5.20E-02	—	pCi/L	—	—	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.03	3.00E-02	8.90E-02	—	pCi/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.09	2.93E-02	6.90E-02	—	pCi/L	—	—	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.38	4.33E-02	1.50E-01	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.26	4.00E-02	1.60E-01	—	pCi/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0156	3.33E-03	6.70E-02	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0219	3.03E-03	4.10E-02	—	pCi/L	U	U	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.02	2.77E-03	4.60E-02	—	pCi/L	U	U	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0548	4.33E-03	3.50E-02	—	pCi/L	—	—	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0304	5.00E-03	7.50E-02	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00372	6.33E-03	8.10E-02	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	07/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.47	1.80E-02	6.70E-02	—	pCi/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.42	1.57E-02	3.70E-02	—	pCi/L	—	—	10-2250	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.47	1.63E-02	5.50E-02	—	pCi/L	—	—	10-1021	CAPA-10-6823	GELC
R-37	8821	929.3	11/18/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.505	1.57E-02	4.30E-02	—	pCi/L	—	—	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.451	1.83E-02	7.50E-02	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.474	2.00E-02	8.20E-02	—	pCi/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	03/02/10	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	4.35	—	—	2.00E+00	ug/L	J	J	10-2248	CAPA-10-12855	GELC
R-37	8821	929.3	12/18/09	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.8	—	—	2.20E+00	ug/L	U	UJ	10-1020	CAPA-10-6823	GELC

Table C-2 Pajarito 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-37	8821	929.3	11/18/09	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	3.61	—	—	2.10E+00	ug/L	J	J	10-624	CAMO-10-5356	GELC
R-37	8821	929.3	08/20/09	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.3	—	—	2.10E+00	ug/L	U	UJ	09-2982	CAMO-09-9912	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	08/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1.00E+00	uS/cm	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	05/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.76	—	—	3.30E-01	mg/L	J	J	10-2445	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.824	—	—	3.30E-01	mg/L	J	J	10-994	CAPA-10-6793	GELC
R-38	8631	821.2	08/21/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.45	—	—	3.30E-01	mg/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	05/01/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.475	—	—	3.30E-01	mg/L	J	J	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	02/06/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.44	—	—	3.30E-01	mg/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	12/17/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.65	—	—	1.00E-02	SU	H	J-	10-995	CAPA-10-6794	GELC
R-38	8631	821.2	08/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J-	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	05/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J-	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.28	—	—	2.30E+00	ug/L	J	J	10-2445	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	5.57	—	—	2.10E+00	ug/L	J	J	10-994	CAPA-10-6793	GELC
R-38	8631	821.2	08/21/09	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	11.2	—	—	2.30E+00	ug/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	05/01/09	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	35.6	—	—	2.20E+00	ug/L	—	—	09-1698	CAMO-09-8562	GELC
R-38	8631	821.2	05/01/09	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	3.3	—	—	2.20E+00	ug/L	J	J	09-1704	CAMO-09-8560	PARA
R-38	8631	821.2	05/01/09	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	7.09	—	—	2.10E+00	ug/L	J	J	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	03/12/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	13.3	—	—	2.30E+00	ug/L	—	—	10-2445	CAPA-10-13087	GELC
R-38	8631	821.2	12/17/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.4	—	—	2.10E+00	ug/L	U	U	10-994	CAPA-10-6793	GELC
R-38	8631	821.2	08/21/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.2	—	—	2.30E+00	ug/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	05/01/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11	—	—	2.20E+00	ug/L	U	U	09-1704	CAMO-09-8560	PARA
R-38	8631	821.2	05/01/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	11.1	—	—	2.20E+00	ug/L	U	U	09-1698	CAMO-09-8562	GELC
R-38	8631	821.2	05/01/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.10E+00	ug/L	U	U	09-1699	CAMO-09-8224	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.1	—	—	7.30E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.4	—	—	7.30E-01	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	7.30E-01	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	7.30E-01	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.016	—	—	1.60E-02	mg/L	J	J-	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.046	—	—	1.60E-02	mg/L	J	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.60E-02	mg/L	U	UJ	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	5.00E-02	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	3.00E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	5.00E-02	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	3.00E-02	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.02	—	—	6.60E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	6.60E-02	mg/L	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.11	—	—	6.60E-02	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.2	—	—	6.60E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.287	—	—	3.30E-02	mg/L	—	J-	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.232	—	—	3.30E-02	mg/L	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.465	—	—	3.30E-02	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.27	—	—	3.30E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.1	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.9	—	—	3.50E-01	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	3.50E-01	mg/L	—	—	09-3108	CAPA-09-12280	GELC

Table C-2 Pajarito 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-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	3.50E-01	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.8	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	3.50E-01	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	3.50E-01	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	3.50E-01	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	8.50E-02	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	8.50E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.99	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	8.50E-02	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	8.50E-02	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	8.50E-02	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.73	—	—	5.00E-02	mg/L	—	J	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.585	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	5.00E-02	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.74	—	—	5.00E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.342	—	—	5.00E-02	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	5.00E-02	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	5.00E-02	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	5.00E-02	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	5.00E-02	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	1.00E-01	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	1.00E-01	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	4.50E-02	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1.00E+00	uS/cm	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1.00E+00	uS/cm	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.25	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.23	—	—	1.00E-01	mg/L	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.73	—	—	1.00E-01	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.82	—	—	1.00E-01	mg/L	—	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.40E+00	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.40E+00	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.518	—	—	3.30E-01	mg/L	J	J	10-2175	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-880	CAPA-10-6797	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.37	—	—	3.30E-01	mg/L	J	J	09-2251	CAPA-09-9421	GELC

Table C-2 Pajarito 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-39	8641	859	03/12/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.724	—	—	3.30E-01	mg/L	J	J	09-1203	CAPA-09-4423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.5	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.7	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.2	—	—	1.00E+00	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.2	—	—	1.00E+00	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.7	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.9	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.6	—	—	1.00E+00	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.9	—	—	1.00E+00	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	36.2	—	—	3.00E+01	ug/L	J	J	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	158	—	—	3.00E+01	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.1	—	—	3.00E+01	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	77	—	—	2.50E+01	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.05	—	—	2.00E+00	ug/L	J	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.1	—	—	2.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.82	—	—	2.00E+00	ug/L	J	J	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.56	—	—	2.00E+00	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.42	—	—	2.00E+00	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.16	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	1.00E-01	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	1.00E-01	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.98	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	1.00E-01	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	5.00E-01	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.754	—	—	5.00E-01	ug/L	J	J	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	5.00E-01	ug/L	J	J	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.831	—	—	5.00E-01	ug/L	J	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.28	—	—	5.00E-01	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	5.00E-01	ug/L	J	J	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.717	—	—	5.00E-01	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.919	—	—	5.00E-01	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.6	—	—	5.30E-02	mg/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.3	—	—	5.30E-02	mg/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.3	—	—	5.30E-02	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.5	—	—	3.20E-02	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1.00E+00	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56	—	—	1.00E+00	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.6	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC

Table C-2 Pajarito 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-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.7	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.6	—	—	1.00E+00	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1.00E+00	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Tin	—	5.96	—	—	2.50E+00	ug/L	J	J	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	10	—	—	2.50E+00	ug/L	U	U	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Tin	<	50	—	—	1.30E+01	ug/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.436	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.408	—	—	5.00E-02	ug/L	—	—	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.452	—	—	5.00E-02	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.322	—	—	5.00E-02	ug/L	—	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.451	—	—	5.00E-02	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.445	—	—	5.00E-02	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.346	—	—	5.00E-02	ug/L	—	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.79	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12911	GELC
R-39	8641	859	12/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.83	—	—	1.00E+00	ug/L	J	J	10-881	CAPA-10-6798	GELC
R-39	8641	859	09/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1.00E+00	ug/L	J	J	09-3108	CAPA-09-12280	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.45	—	—	1.00E+00	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.11	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.33	—	—	1.00E+00	ug/L	—	—	10-881	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.75	—	—	1.00E+00	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.76	—	—	1.00E+00	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00433	1.23E-03	3.70E-02	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.016	3.30E-03	3.80E-02	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	3.67E-03	3.50E-02	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	8.00E-04	3.20E-02	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00233	7.00E-04	3.60E-02	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.88	4.67E-01	4.10E+00	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.92	5.00E-01	5.20E+00	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.699	4.33E-01	4.50E+00	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.857	4.33E-01	4.10E+00	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.509	4.33E-01	4.50E+00	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.718	5.67E-01	5.60E+00	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.09	5.33E-01	4.60E+00	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.25	4.33E-01	3.60E+00	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.08	4.33E-01	4.60E+00	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.12	4.67E-01	5.00E+00	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.681	1.67E-01	1.70E+00	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.809	2.33E-01	2.40E+00	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.74	2.37E-01	2.50E+00	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0282	2.30E-01	3.00E+00	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.782	1.63E-01	1.60E+00	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.621	1.73E-01	1.70E+00	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.13	2.43E-01	2.40E+00	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.575	1.57E-01	2.10E+00	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.65	3.67E-01	3.30E+00	—	pCi/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.95	1.93E-01	1.60E+00	—	pCi/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	13.5	3.13E+00	3.20E+01	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC

Table C-2 Pajarito 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-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.6	1.47E+00	1.40E+01	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.1	1.03E+01	4.60E+01	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24.7	5.33E+00	4.10E+01	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.8	6.00E+00	5.10E+01	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.43	3.67E+00	3.50E+01	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.68	3.33E+00	3.30E+01	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18.3	4.00E+00	3.30E+01	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.35	4.00E+00	3.40E+01	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.3	3.67E+00	3.70E+01	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00232	1.33E-03	4.20E-02	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00525	4.00E-03	5.20E-02	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0038	3.33E-03	2.80E-02	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.00E-04	2.70E-02	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00616	1.53E-03	3.70E-02	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00926	1.90E-03	4.20E-02	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0064	1.50E-03	3.70E-02	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0076	1.80E-03	3.00E-02	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00617	1.03E-03	3.00E-02	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00205	1.53E-03	3.70E-02	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	39.4	6.00E+00	3.70E+01	—	pCi/L	UI	R	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.3	6.67E+00	7.40E+01	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.46	6.67E+00	7.10E+01	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.59	5.33E+00	6.10E+01	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-52.8	6.00E+00	4.80E+01	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0707	3.67E-02	4.30E-01	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.316	6.33E-02	5.80E-01	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	03/12/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.469	4.00E-02	2.10E-01	—	pCi/L	—	—	09-1202	CAPA-09-4423	GELC
R-39	8641	859	02/19/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.213	8.00E-02	8.60E-01	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.101	6.00E-02	6.60E-01	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.316	8.67E-02	9.00E-01	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	03/12/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.476	6.33E-02	5.50E-01	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	02/19/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.722	8.00E-02	6.40E-01	—	pCi/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.362	4.67E-01	4.70E+00	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.573	5.33E-01	5.20E+00	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.05	4.33E-01	4.90E+00	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.13	4.33E-01	4.70E+00	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.17	4.00E-01	4.30E+00	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.132	4.33E-02	4.80E-01	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.217	4.00E-02	4.80E-01	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0917	4.33E-02	4.70E-01	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.177	2.70E-02	2.50E-01	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0488	4.33E-02	5.00E-01	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12913	UMTL
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6797	UMTL
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12281	UMTL
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	U	U	09-2260	CAPA-09-9421	UMTL
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.334	1.40E-02	1.40E-01	—	pCi/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.456	1.70E-02	5.50E-02	—	pCi/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.24	1.07E-02	9.40E-02	—	pCi/L	—	—	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.254	1.03E-02	9.20E-02	—	pCi/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.238	1.03E-02	1.20E-01	—	pCi/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00424	1.40E-03	6.20E-02	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC

Table C-2 Pajarito 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-39	8641	859	02/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00413	2.20E-03	4.30E-02	—	pCi/L	U	U	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.17E-03	4.90E-02	—	pCi/L	U	U	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0062	2.53E-03	4.60E-02	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0108	2.70E-03	5.30E-02	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	06/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.12	7.33E-03	6.30E-02	—	pCi/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	02/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.261	1.17E-02	3.90E-02	—	pCi/L	—	—	10-2176	CAPA-10-12913	GELC
R-39	8641	859	12/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.109	6.33E-03	5.90E-02	—	pCi/L	—	—	10-882	CAPA-10-6797	GELC
R-39	8641	859	09/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.105	6.33E-03	4.60E-02	—	pCi/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	06/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.134	7.33E-03	5.30E-02	—	pCi/L	—	—	09-2251	CAPA-09-9421	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	243	—	—	1.00E+00	uS/cm	—	—	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1.00E+00	uS/cm	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	06/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	211	—	—	1.00E+00	uS/cm	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	01/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	211	—	—	1.00E+00	uS/cm	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	12/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J-	10-821	CAPA-10-6791	GELC
R-40	8691	649.7	08/31/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.48	—	—	1.00E-02	SU	H	J-	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	06/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	1.00E-02	SU	H	J-	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	01/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.65	—	—	1.00E-02	SU	H	J-	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	03/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2274	CAPA-10-12851	UMTL
R-40	8691	649.7	12/04/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.51088	9.58E-02	2.87E-01	—	pCi/L	—	U	10-845	CAPA-10-6790	UMTL
R-40	8691	649.7	08/31/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12253	UMTL
R-40	8691	649.7	06/10/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	9.58E-02	2.87E-01	—	pCi/L	—	U	09-2354	CAPA-09-9443	UMTL
R-40	8691	649.7	01/28/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.3193	9.58E-02	2.87E-01	—	pCi/L	—	U	09-760	CAPA-09-2797	UMTL
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.8	—	—	7.30E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	101	—	—	7.30E-01	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	97.7	—	—	7.30E-01	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.5	—	—	7.30E-01	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.9	—	—	5.00E-02	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19	—	—	3.00E-02	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.6	—	—	5.00E-02	mg/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	5.00E-02	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.7	—	—	3.00E-02	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.05	—	—	6.60E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.26	—	—	6.60E-02	mg/L	H	J-	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.1	—	—	6.60E-02	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.23	—	—	6.60E-02	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.4	—	—	3.50E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.6	—	—	3.50E-01	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.4	—	—	3.50E-01	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.6	—	—	3.50E-01	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	89.5	—	—	3.50E-01	mg/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.4	—	—	3.50E-01	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.4	—	—	3.50E-01	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.44	—	—	8.50E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.77	—	—	8.50E-02	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.84	—	—	8.50E-02	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.7	—	—	8.50E-02	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.81	—	—	8.50E-02	mg/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.65	—	—	8.50E-02	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.75	—	—	8.50E-02	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.183	—	—	5.00E-02	mg/L	J	J	10-2058	CAPA-10-13082	GELC

Table C-2 Pajarito 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-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.25	—	—	5.00E-02	mg/L	U	U	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.05	—	—	1.00E-02	mg/L	U	U	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.054	—	—	5.00E-02	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	U	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0693	—	—	5.00E-02	ug/L	J	J	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.101	—	—	5.00E-02	ug/L	J	J	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	5.00E-02	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	5.00E-02	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	5.00E-02	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	4.50E-02	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	1.00E-01	mg/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	4.50E-02	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	211	—	—	1.00E+00	uS/cm	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	220	—	—	1.00E+00	uS/cm	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	230	—	—	1.00E+00	uS/cm	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	192	—	—	1.00E+00	uS/cm	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.69	—	—	1.00E-01	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.41	—	—	1.00E-01	mg/L	H	J-	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.57	—	—	1.00E-01	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.11	—	—	1.00E-01	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	167	—	—	2.40E+00	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.40E+00	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.40E+00	mg/L	—	J	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.40E+00	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J-	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J-	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J-	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.802	—	—	5.00E-01	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	1.75	—	—	5.00E-01	ug/L	J	U	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	5.00E-01	ug/L	U	U	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.672	—	—	5.00E-01	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2.3	—	—	5.00E-01	ug/L	J	U	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	0.648	—	—	5.00E-01	ug/L	J	U	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	5.00E-01	ug/L	U	U	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.8	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.7	—	—	1.00E+00	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.7	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.1	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1.00E+00	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.5	—	—	1.00E+00	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	1.50E+01	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	1.50E+01	ug/L	J	J	10-821	CAPA-10-6804	GELC

Table C-2 Pajarito 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-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.00E+01	ug/L	J	J	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.7	—	—	1.50E+01	ug/L	J	J	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	1.50E+01	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	1.00E+01	ug/L	J	J	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.31	—	—	3.00E+00	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.79	—	—	3.00E+00	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	13.5	—	—	3.00E+00	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.38	—	—	3.00E+00	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.2	—	—	3.00E+01	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	48.1	—	—	3.00E+01	ug/L	J	J	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	201	—	—	2.50E+01	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	144	—	—	3.00E+01	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1050	—	—	3.00E+01	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	94	—	—	3.00E+01	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	663	—	—	2.50E+01	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	124	—	—	2.00E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	400	—	—	2.00E+00	ug/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	45.7	—	—	2.00E+00	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	120	—	—	2.00E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	383	—	—	2.00E+00	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	51.6	—	—	2.00E+00	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	50.4	—	—	2.00E+00	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	11.2	—	—	1.00E-01	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	12.9	—	—	1.00E-01	ug/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	8.37	—	—	1.00E-01	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	12.1	—	—	1.00E-01	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	14.4	—	—	1.00E-01	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.88	—	—	1.00E-01	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	8.17	—	—	1.00E-01	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	14.4	—	—	5.00E-01	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	49.8	—	—	5.00E-01	ug/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.55	—	—	5.00E-01	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.7	—	—	5.00E-01	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	76.9	—	—	5.00E-01	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.16	—	—	5.00E-01	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.48	—	—	5.00E-01	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.6	—	—	5.30E-02	mg/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.6	—	—	5.30E-02	mg/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	09/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.7	—	—	5.30E-02	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.2	—	—	3.20E-02	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93	—	—	1.00E+00	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.4	—	—	1.00E+00	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.883	—	—	5.00E-02	ug/L	—	—	10-2058	CAPA-10-13082	GELC

Table C-2 Pajarito 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-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.908	—	—	5.00E-02	ug/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.727	—	—	5.00E-02	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.936	—	—	5.00E-02	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.15	—	—	5.00E-02	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.44	—	—	5.00E-02	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.731	—	—	5.00E-02	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1.00E+00	ug/L	J	J	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.46	—	—	1.00E+00	ug/L	J	J	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.79	—	—	1.00E+00	ug/L	J	U	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.68	—	—	1.00E+00	ug/L	J	J	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.87	—	—	1.00E+00	ug/L	J	J	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.29	—	—	1.00E+00	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.93	—	—	1.00E+00	ug/L	J	U	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	22.7	—	—	3.30E+00	ug/L	—	—	10-2058	CAPA-10-13082	GELC
R-40	8701	751.6	12/04/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	39.9	—	—	3.30E+00	ug/L	—	—	10-821	CAPA-10-6804	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	909	—	—	2.00E+00	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.1	—	—	3.30E+00	ug/L	—	—	10-2058	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	125	—	—	3.30E+00	ug/L	—	—	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	3.30E+00	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	978	—	—	2.00E+00	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.89	2.40E-01	1.70E+00	—	pCi/L	—	U	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.33	2.50E-01	2.20E+00	—	pCi/L	U	U	10-2059	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.976	2.83E-01	2.90E+00	—	pCi/L	U	U	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.39	2.07E-01	1.60E+00	—	pCi/L	U	U	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	04/21/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.09	9.33E-02	8.30E-01	—	pCi/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.15	2.87E-01	2.70E+00	—	pCi/L	U	U	10-2059	CAPA-10-13083	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.84	2.30E-01	2.30E+00	—	pCi/L	U	U	10-821	CAPA-10-6803	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.39	1.47E-01	1.20E+00	—	pCi/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.397	6.00E-02	4.80E-01	—	pCi/L	U	U	10-2059	CAPA-10-13083	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0107	6.00E-02	7.30E-01	—	pCi/L	U	U	10-2059	CAPA-10-13083	GELC
R-40	8701	751.6	02/23/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	4.26E-02	2.87E-01	—	pCi/L	U	U	10-2041	CAPA-10-13083	UMTL
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6803	UMTL
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12314	UMTL
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	09-1568	CAPA-09-8346	UMTL
R-40	8701	751.6	02/23/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	3.22	—	—	3.00E+00	ug/L	J	J	10-2057	CAPA-10-13080	GELC
R-40	8701	751.6	12/04/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	10-820	CAPA-10-6803	GELC
R-40	8701	751.6	09/04/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	04/21/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	UJ	09-1545	CAPA-09-8346	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.00000054	—	—	5.40E-07	ug/L	J	J	10-2037	CAPA-10-12917	ALTC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000102	—	—	1.02E-06	ug/L	U	U	10-834	CAPA-10-6807	ALTC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000118	—	—	1.18E-06	ug/L	U	U	09-3160	CAPA-09-12317	ALTC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000157	—	—	1.57E-06	ug/L	U	U	09-648	CAPA-09-1888	ALTC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000054	—	—	5.40E-07	ug/L	—	—	10-2037	CAPA-10-12917	ALTC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.000000996	—	—	9.96E-07	ug/L	B	U	10-834	CAPA-10-6807	ALTC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000163	—	—	1.63E-06	ug/L	B	U	09-3160	CAPA-09-12317	ALTC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000157	—	—	1.57E-06	ug/L	U	U	09-648	CAPA-09-1888	ALTC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.000000395	—	—	3.95E-07	ug/L	J	J	10-2037	CAPA-10-12917	ALTC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.000000387	—	—	3.87E-07	ug/L	U	U	10-834	CAPA-10-6807	ALTC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.000000711	—	—	7.11E-07	ug/L	U	U	09-3160	CAPA-09-12317	ALTC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.00000107	—	—	1.07E-06	ug/L	U	U	09-648	CAPA-09-1888	ALTC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.000000395	—	—	3.95E-07	ug/L	—	—	10-2037	CAPA-10-12917	ALTC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.000000412	—	—	4.12E-07	ug/L	U	U	10-834	CAPA-10-6807	ALTC

Table C-2 Pajarito 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-40	8711	849.3	09/03/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.00000072	—	—	7.20E-07	ug/L	U	U	09-3160	CAPA-09-12317	ALTC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.00000113	—	—	1.13E-06	ug/L	U	U	09-648	CAPA-09-1888	ALTC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.8	—	—	7.30E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57	—	—	7.30E-01	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.6	—	—	7.30E-01	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	3.00E-02	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	5.00E-02	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	3.00E-02	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.75	—	—	6.60E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	6.60E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	6.60E-02	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.54	—	—	6.60E-02	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	3.30E-02	mg/L	—	J-	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.465	—	—	3.30E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.421	—	—	3.30E-02	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.27	—	—	3.30E-02	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	3.50E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	3.50E-01	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.7	—	—	3.50E-01	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	3.50E-01	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.2	—	—	3.50E-01	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	3.50E-01	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	8.50E-02	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.76	—	—	8.50E-02	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	8.50E-02	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	8.50E-02	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.08	—	—	8.50E-02	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.422	—	—	5.00E-02	mg/L	—	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.366	—	—	5.00E-02	mg/L	—	J	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.368	—	—	5.00E-02	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0765	—	—	5.00E-02	mg/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.247	—	—	5.00E-02	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.259	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.245	—	—	5.00E-02	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.245	—	—	5.00E-02	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	5.00E-02	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	5.00E-02	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	5.00E-02	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	5.00E-02	mg/L	—	—	10-804	CAPA-10-6807	GELC

Table C-2 Pajarito 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-40	8711	849.3	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	5.00E-02	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	4.50E-02	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	1.00E-01	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	4.50E-02	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1.00E+00	uS/cm	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1.00E+00	uS/cm	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1.00E+00	uS/cm	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.47	—	—	1.00E-01	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.43	—	—	1.00E-01	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.27	—	—	1.00E-01	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.09	—	—	1.00E-01	mg/L	—	J-	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.40E+00	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.40E+00	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.40E+00	mg/L	—	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.994	—	—	3.30E-01	mg/L	J	J	10-2039	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.523	—	—	3.30E-01	mg/L	J	J	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.6	—	—	3.30E-01	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	1.00E-02	SU	H	J-	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	1.00E-02	SU	H	J-	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.95	—	—	1.50E+00	ug/L	J	J	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.2	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23	—	—	1.00E+00	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.3	—	—	1.00E+00	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.8	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1.00E+00	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.50E+00	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.50E+00	ug/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.45	—	—	2.50E+00	ug/L	J	J	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.22	—	—	2.50E+00	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	1.50E+00	ug/L	J	J	09-651	CAPA-09-1888	GELC

Table C-2 Pajarito 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-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	44.4	—	—	3.00E+01	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	140	—	—	3.00E+01	ug/L	*	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	91.9	—	—	3.00E+01	ug/L	J	J	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	150	—	—	3.00E+01	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	240	—	—	3.00E+01	ug/L	*	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	612	—	—	2.50E+01	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.33	—	—	1.00E-01	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.85	—	—	1.00E-01	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.72	—	—	1.00E-01	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	6.1	—	—	1.00E-01	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.29	—	—	1.00E-01	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.97	—	—	1.00E-01	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.32	—	—	1.00E-01	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.1	—	—	1.00E-01	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.987	—	—	5.00E-01	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.77	—	—	5.00E-01	ug/L	J	J	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	5.00E-01	ug/L	J	J	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.09	—	—	5.00E-01	ug/L	J	J	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	5.00E-01	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	J	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.6	—	—	5.30E-02	mg/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.8	—	—	5.30E-02	mg/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	5.30E-02	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	3.20E-02	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.2	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1.00E+00	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	68.8	—	—	1.00E+00	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.2	—	—	1.00E+00	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.3	—	—	1.00E+00	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.8	—	—	1.00E+00	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	5.00E-02	ug/L	—	—	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.363	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.364	—	—	5.00E-02	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	5.00E-02	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	5.00E-02	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.471	—	—	5.00E-02	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.396	—	—	5.00E-02	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.87	—	—	5.00E-02	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.12	—	—	1.00E+00	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.32	—	—	1.00E+00	ug/L	—	U	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.12	—	—	1.00E+00	ug/L	J	J	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.16	—	—	1.00E+00	ug/L	J	J	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.62	—	—	1.00E+00	ug/L	—	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.07	—	—	1.00E+00	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1.00E+00	ug/L	J	J	09-651	CAPA-09-1888	GELC

Table C-2 Pajarito 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-40	8711	849.3	02/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	3.30E+00	ug/L	J	J	10-2040	CAPA-10-12916	GELC
R-40	8711	849.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.84	—	—	3.30E+00	ug/L	J	J	10-804	CAPA-10-6809	GELC
R-40	8711	849.3	09/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.7	—	—	3.30E+00	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	158	—	—	2.00E+00	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12	—	—	3.30E+00	ug/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.1	—	—	3.30E+00	ug/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	41.5	—	—	3.30E+00	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	171	—	—	2.00E+00	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00217	1.00E-03	2.70E-02	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000952	1.43E-03	4.70E-02	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	6.00E-04	3.30E-02	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00517	5.33E-03	4.40E-02	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0041	1.00E-03	2.70E-02	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.725	5.00E-01	4.90E+00	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.202	5.67E-01	5.70E+00	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.957	5.33E-01	4.90E+00	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.07	4.00E-01	3.20E+00	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.36	5.00E-01	3.90E+00	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0837	5.33E-01	5.20E+00	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.701	5.67E-01	5.80E+00	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.82	5.67E-01	5.00E+00	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.87	4.33E-01	4.70E+00	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.43	5.00E-01	4.30E+00	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.489	2.07E-01	2.40E+00	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.35	1.73E-01	2.10E+00	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.628	2.27E-01	2.50E+00	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.156	1.80E-01	2.60E+00	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0412	2.17E-01	2.80E+00	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.506	2.30E-01	2.50E+00	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.00872	2.63E-01	2.80E+00	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.759	2.30E-01	2.30E+00	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.88	3.07E-01	2.90E+00	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.3	3.67E-01	2.70E+00	—	pCi/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12	1.37E+00	8.10E+00	—	pCi/L	—	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	75.3	6.67E+00	6.30E+01	—	pCi/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	114	1.47E+01	1.20E+02	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	85.6	5.67E+01	6.00E+01	—	pCi/L	—	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.4	8.67E+00	4.40E+01	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.2	3.67E+00	3.40E+01	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.5	3.67E+00	3.60E+01	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	23.4	4.33E+00	4.30E+01	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.79	3.67E+00	3.20E+01	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.7	3.67E+00	3.40E+01	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00905	2.33E-03	2.80E-02	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0301	3.30E-03	4.20E-02	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0146	3.33E-03	3.60E-02	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.03E-03	3.80E-02	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00344	1.83E-03	2.60E-02	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0109	2.40E-03	3.20E-02	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00333	1.37E-03	3.00E-02	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00732	1.83E-03	3.90E-02	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00218	1.27E-03	4.30E-02	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC

Table C-2 Pajarito 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-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00172	5.67E-04	3.10E-02	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.1	6.33E+00	6.10E+01	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.3	6.67E+00	7.30E+01	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.9	6.67E+00	5.90E+01	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.4	5.67E+00	4.90E+01	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.3	8.33E+00	4.70E+01	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.184	5.67E-02	6.00E-01	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.536	6.33E-02	3.80E-01	—	pCi/L	—	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.238	7.00E-02	7.20E-01	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.109	6.33E-02	7.00E-01	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.64	5.00E-01	4.10E+00	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.919	6.00E-01	5.50E+00	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.98	5.33E-01	6.20E+00	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.672	3.67E-01	3.70E+00	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.975	4.67E-01	4.40E+00	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.15	3.67E-02	3.90E-01	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.111	4.33E-02	4.80E-01	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.113	4.67E-02	4.90E-01	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.109	3.67E-02	4.40E-01	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.19	4.33E-02	4.40E-01	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.3193	4.26E-02	2.87E-01	—	pCi/L	U	U	10-2041	CAPA-10-12917	UMTL
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6807	UMTL
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3165	CAPA-09-12317	UMTL
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	9.58E-02	2.87E-01	—	pCi/L	U	U	09-677	CAPA-09-1888	UMTL
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.466	1.77E-02	1.30E-01	—	pCi/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.312	1.30E-02	5.30E-02	—	pCi/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.311	1.37E-02	1.20E-01	—	pCi/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.253	1.13E-02	1.00E-01	—	pCi/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.482	1.90E-02	1.30E-01	—	pCi/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00863	2.90E-03	6.30E-02	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.000241	1.70E-03	4.20E-02	—	pCi/L	U	U	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.17E-03	6.30E-02	—	pCi/L	U	U	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00703	3.33E-03	5.20E-02	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0088	3.67E-03	6.50E-02	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	01/15/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.15	9.00E-03	6.60E-02	—	pCi/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.103	6.67E-03	3.80E-02	—	pCi/L	—	—	10-2040	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.107	7.67E-03	7.60E-02	—	pCi/L	—	—	10-804	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.154	8.33E-03	5.20E-02	—	pCi/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.278	1.27E-02	6.80E-02	—	pCi/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	0.27	—	—	2.50E-01	ug/L	J	J	10-2039	CAPA-10-12915	GELC
R-40	8711	849.3	02/23/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.29	—	—	2.50E-01	ug/L	J	J	10-2039	CAPA-10-12917	GELC
R-40	8711	849.3	12/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-803	CAPA-10-6807	GELC
R-40	8711	849.3	09/03/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	01/15/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.268	—	—	2.50E-01	ug/L	J	J	09-651	CAPA-09-1888	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.1	—	—	7.30E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.9	—	—	7.30E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.9	—	—	7.30E-01	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.5	—	—	7.30E-01	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	7.30E-01	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	5.00E-02	mg/L	—	—	09-3091	CAPA-09-12291	GELC

Table C-2 Pajarito 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-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.00E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	3.00E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	5.00E-02	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	3.00E-02	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.96	—	—	3.00E-02	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.9	—	—	6.60E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.16	—	—	6.60E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.02	—	—	6.60E-02	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.59	—	—	6.60E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.75	—	—	6.60E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.351	—	—	3.30E-02	mg/L	—	J-	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.28	—	—	3.30E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.497	—	—	3.30E-02	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.398	—	—	3.30E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.377	—	—	3.30E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.3	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.7	—	—	3.50E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.8	—	—	3.50E-01	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	3.50E-01	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	3.50E-01	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	3.50E-01	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50	—	—	3.50E-01	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.9	—	—	3.50E-01	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.8	—	—	3.50E-01	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	3.50E-01	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.8	—	—	8.50E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.79	—	—	8.50E-02	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.76	—	—	8.50E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.48	—	—	8.50E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.61	—	—	8.50E-02	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.74	—	—	8.50E-02	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.78	—	—	8.50E-02	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.06	—	—	8.50E-02	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.67	—	—	8.50E-02	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.755	—	—	5.00E-02	mg/L	—	J	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0853	—	—	1.00E-02	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.73	—	—	5.00E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	5.00E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.389	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.358	—	—	5.00E-02	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.364	—	—	5.00E-02	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.405	—	—	5.00E-02	ug/L	—	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	5.00E-02	ug/L	—	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	5.00E-02	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	5.00E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC

Table C-2 Pajarito 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-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	5.00E-02	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	5.00E-02	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	5.00E-02	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.358	—	—	5.00E-02	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	1.00E-01	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	4.50E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.2	—	—	4.50E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	1.00E-01	mg/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.6	—	—	4.50E-02	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	4.50E-02	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	163	—	—	1.00E+00	uS/cm	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	170	—	—	1.00E+00	uS/cm	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	183	—	—	1.00E+00	uS/cm	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1.00E+00	uS/cm	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	185	—	—	1.00E+00	uS/cm	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.58	—	—	1.00E-01	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.96	—	—	1.00E-01	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.75	—	—	1.00E-01	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.73	—	—	1.00E-01	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.53	—	—	1.00E-01	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.40E+00	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.40E+00	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.40E+00	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.40E+00	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.895	—	—	3.30E-01	mg/L	J	J	10-2175	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	10-952	CAPA-10-6818	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.616	—	—	3.30E-01	mg/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	1.00E-02	SU	H	J-	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	1.00E-02	SU	H	J-	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	5.84	—	—	1.00E-02	SU	H	J-	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	163	—	—	6.80E+01	ug/L	J	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	148	—	—	6.80E+01	ug/L	J	J	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	361	—	—	6.80E+01	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	301	—	—	6.80E+01	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.3	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.7	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.3	—	—	1.00E+00	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	09-1366	CAMO-09-6907	GELC

Table C-2 Pajarito 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-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	47	—	—	1.00E+00	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.8	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.4	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.7	—	—	1.00E+00	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.6	—	—	1.00E+00	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	4.94	—	—	1.00E+00	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	116	—	—	2.50E+01	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	105	—	—	3.00E+01	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	3.00E+01	ug/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.3	—	—	3.00E+01	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	398	—	—	2.50E+01	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	253	—	—	2.50E+01	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	19.5	—	—	2.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2.00E+00	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.77	—	—	2.00E+00	ug/L	J	J	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	41.8	—	—	2.00E+00	ug/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	55.3	—	—	2.00E+00	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.8	—	—	2.00E+00	ug/L	J	J	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2.00E+00	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.79	—	—	2.00E+00	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	50.9	—	—	2.00E+00	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.96	—	—	2.00E+00	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.13	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.34	—	—	1.00E-01	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	7.06	—	—	1.00E-01	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.89	—	—	1.00E-01	ug/L	—	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	8.69	—	—	1.00E-01	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.15	—	—	1.00E-01	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.51	—	—	1.00E-01	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.4	—	—	1.00E-01	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.23	—	—	1.00E-01	ug/L	—	J	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	1.00E-01	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.26	—	—	5.00E-01	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.28	—	—	5.00E-01	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.61	—	—	5.00E-01	ug/L	J	J	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.798	—	—	5.00E-01	ug/L	J	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.691	—	—	5.00E-01	ug/L	J	J	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.59	—	—	5.00E-01	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.32	—	—	5.00E-01	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.13	—	—	5.00E-01	ug/L	J	J	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	5.00E-01	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	5.30E-02	mg/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.4	—	—	5.30E-02	mg/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.3	—	—	5.30E-02	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.5	—	—	3.20E-02	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.7	—	—	3.20E-02	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.7	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73.1	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6817	GELC

Table C-2 Pajarito 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-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.4	—	—	1.00E+00	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	66.7	—	—	1.00E+00	ug/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.5	—	—	1.00E+00	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.1	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	72.9	—	—	1.00E+00	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	76.3	—	—	1.00E+00	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70	—	—	1.00E+00	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64	—	—	1.00E+00	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.687	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.754	—	—	5.00E-02	ug/L	—	—	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.855	—	—	5.00E-02	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.01	—	—	5.00E-02	ug/L	—	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.29	—	—	5.00E-02	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.493	—	—	5.00E-02	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.775	—	—	5.00E-02	ug/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.899	—	—	5.00E-02	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	J	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.266	—	—	5.00E-02	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.26	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12922	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.75	—	—	1.00E+00	ug/L	—	J	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1.00E+00	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.81	—	—	1.00E+00	ug/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.62	—	—	1.00E+00	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.04	—	—	1.00E+00	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.66	—	—	1.00E+00	ug/L	—	J	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.17	—	—	1.00E+00	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.19	—	—	1.00E+00	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.79	—	—	1.00E+00	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	12/15/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-953	CAPA-10-6817	GELC
R-41	8791	965.3	09/01/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.4	—	—	2.00E+00	ug/L	J	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.38	—	—	2.00E+00	ug/L	J	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.3	—	—	3.30E+00	ug/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.30E+00	ug/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.48	—	—	3.30E+00	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10.6	—	—	2.00E+00	ug/L	—	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.2	—	—	2.00E+00	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0126	2.30E-03	2.70E-02	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00748	1.97E-03	4.10E-02	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00111	1.33E-03	4.30E-02	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000455	5.67E-04	3.00E-02	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00554	1.03E-03	3.20E-02	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00736	2.10E-03	3.60E-02	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0135	7.67E-03	4.30E-02	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.18	5.00E-01	5.00E+00	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.67	4.33E-01	4.60E+00	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.279	3.67E-01	3.70E+00	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0657	3.33E-01	3.40E+00	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.996	5.00E-01	4.60E+00	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.656	4.33E-01	4.30E+00	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.3	4.00E-01	4.30E+00	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.235	5.00E-01	4.70E+00	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC

Table C-2 Pajarito 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-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.231	4.33E-01	4.10E+00	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.173	4.33E-01	4.20E+00	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.383	4.33E-01	4.30E+00	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.42	5.67E-01	6.00E+00	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.22	4.33E-01	4.70E+00	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.49	5.00E-01	5.60E+00	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.08	2.63E-01	2.60E+00	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	0.86	2.80E-01	2.90E+00	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.627	2.23E-01	2.50E+00	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.124	1.97E-01	2.70E+00	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0784	1.40E-01	2.30E+00	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.6	2.73E-01	2.50E+00	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.991	2.23E-01	2.20E+00	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.4	2.23E-01	1.90E+00	—	pCi/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.83	2.20E-01	1.70E+00	—	pCi/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.68	2.47E-01	2.60E+00	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.438	2.20E-01	2.40E+00	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.99	2.57E-01	2.00E+00	—	pCi/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.35	2.37E-01	1.90E+00	—	pCi/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.61	2.03E-01	1.60E+00	—	pCi/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	51.6	8.33E+00	5.40E+01	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	13.4	5.00E+00	2.40E+01	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.6	2.23E+00	8.70E+00	—	pCi/L	—	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.8	9.67E+00	3.60E+01	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.3	4.00E+01	8.70E+01	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	46.8	1.10E+01	6.00E+01	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	30.2	5.67E+00	3.60E+01	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.59	3.67E+00	3.60E+01	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.87	3.27E+00	3.40E+01	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.32	3.33E+00	3.10E+01	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.5	3.33E+00	3.50E+01	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.8	3.67E+00	3.40E+01	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.8	3.33E+00	3.30E+01	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.8	4.00E+00	3.90E+01	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00159	3.67E-03	3.00E-02	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00394	1.60E-03	3.70E-02	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0475	5.00E-03	4.80E-02	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.67E-04	2.90E-02	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.67E-04	2.90E-02	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00469	1.03E-03	2.90E-02	—	pCi/L	U	UJ	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00819	2.40E-03	3.60E-02	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00955	2.13E-03	3.40E-02	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00394	1.30E-03	4.10E-02	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00374	1.53E-03	3.30E-02	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00395	9.33E-04	3.10E-02	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00333	1.10E-03	3.30E-02	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00625	1.63E-03	3.30E-02	—	pCi/L	U	UJ	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00847	2.80E-03	4.10E-02	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.95	6.67E+00	6.90E+01	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.5	5.67E+00	6.20E+01	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.7	5.67E+00	5.30E+01	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.23	5.33E+00	5.60E+01	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC

Table C-2 Pajarito 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-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.8	5.33E+00	5.20E+01	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-30	6.33E+00	6.20E+01	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.4	5.67E+00	5.80E+01	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.122	2.90E-02	2.90E-01	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	-0.0806	5.00E-02	8.00E-01	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.472	7.33E-02	6.40E-01	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.367	6.00E-02	5.50E-01	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.638	5.33E-01	5.50E+00	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.63	4.67E-01	5.10E+00	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.127	4.33E-01	4.10E+00	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.46	5.00E-01	5.00E+00	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.189	4.67E-01	5.00E+00	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1	4.33E-01	4.10E+00	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.203	4.33E-01	4.30E+00	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.292	4.00E-02	3.90E-01	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0742	3.67E-02	3.90E-01	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.419	5.00E-02	4.70E-01	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.291	3.67E-02	4.40E-01	—	pCi/L	U	U	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0803	3.27E-02	3.30E-01	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.16	2.73E-02	3.40E-01	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.288	4.00E-02	3.80E-01	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.35123	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12919	UMTL
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	10-954	CAPA-10-6818	UMTL
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12294	UMTL
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	09-1470	CAMO-09-6908	UMTL
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	9.58E-02	2.87E-01	—	pCi/L	U	U	09-1352	CAMO-09-6903	UMTL
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.876	2.60E-02	9.30E-02	—	pCi/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.39	3.67E-02	9.00E-02	—	pCi/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.436	1.63E-02	5.20E-02	—	pCi/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.553	1.60E-02	5.20E-02	—	pCi/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.574	1.87E-02	9.40E-02	—	pCi/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.982	3.03E-02	1.30E-01	—	pCi/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.36	3.67E-02	8.00E-02	—	pCi/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00971	2.87E-03	4.70E-02	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.025	3.00E-03	4.60E-02	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0148	2.50E-03	4.10E-02	—	pCi/L	U	U	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0334	2.80E-03	2.70E-02	—	pCi/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00319	1.83E-03	4.70E-02	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0309	4.00E-03	6.50E-02	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0277	3.00E-03	4.00E-02	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	04/02/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.366	1.33E-02	5.60E-02	—	pCi/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	04/01/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.417	1.47E-02	5.40E-02	—	pCi/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	02/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.179	9.00E-03	3.70E-02	—	pCi/L	—	—	10-2176	CAPA-10-12919	GELC
R-41	8791	965.3	12/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.245	8.67E-03	3.30E-02	—	pCi/L	—	—	10-953	CAPA-10-6818	GELC
R-41	8791	965.3	09/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.248	1.03E-02	4.70E-02	—	pCi/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	04/02/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.429	1.67E-02	7.60E-02	—	pCi/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	04/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.61	1.87E-02	4.80E-02	—	pCi/L	—	—	09-1351	CAMO-09-6903	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	170	—	—	1.00E+00	uS/cm	—	—	10-851	CAPA-10-6812	GELC
R-49	8831	845	09/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1.00E+00	uS/cm	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1.00E+00	uS/cm	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.747	—	—	3.30E-02	mg/L	—	—	10-2294	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	10-850	CAPA-10-6813	GELC

Table C-2 Pajarito 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-49	8831	845	09/01/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.086	—	—	3.30E-02	mg/L	J	J-	09-3083	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.063	—	—	3.30E-02	mg/L	J	J-	09-2483	CAMO-09-10840	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.44	—	—	3.30E-01	mg/L	—	—	10-2294	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.3	—	—	3.30E-01	mg/L	—	—	10-850	CAPA-10-6813	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.54	—	—	3.30E-01	mg/L	—	—	09-2483	CAMO-09-10840	GELC
R-49	8831	845	12/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	1.00E-02	SU	H	J-	10-851	CAPA-10-6812	GELC
R-49	8831	845	09/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	09-3084	CAPA-09-12295	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	1.00E-02	SU	H	J-	09-2484	CAMO-09-10842	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0102	2.27E-03	4.20E-02	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0101	2.43E-03	3.50E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00143	1.17E-03	3.90E-02	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0014	7.00E-04	4.00E-02	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0107	1.90E-03	3.40E-02	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.482	4.67E-01	4.50E+00	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.345	2.77E-01	2.70E+00	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.31	4.33E-01	3.70E+00	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.96	5.33E-01	5.00E+00	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.262	5.33E-01	5.10E+00	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.05	4.00E-01	4.70E+00	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.13	2.97E-01	2.70E+00	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.433	4.00E-01	4.20E+00	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.38	4.67E-01	5.30E+00	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.911	5.33E-01	5.00E+00	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:900	Gross alpha	<	1.45	2.77E-01	2.60E+00	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.06	4.00E-01	2.00E+00	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	14	8.00E-01	3.00E+00	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.75	4.67E-01	3.10E+00	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.59	4.00E-01	2.50E+00	—	pCi/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.79	2.97E-01	2.80E+00	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.89	3.00E-01	2.40E+00	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.13	4.33E-01	2.00E+00	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.05	4.33E-01	3.30E+00	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.6	2.77E-01	2.60E+00	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	32.4	4.00E+00	3.40E+01	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	7.55	1.00E+00	1.40E+01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.5	1.17E+01	6.40E+01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	53.4	1.27E+01	6.20E+01	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	43.3	9.33E+00	5.30E+01	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.27	3.67E+00	3.70E+01	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.4	3.23E+00	2.60E+01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.2	3.03E+00	2.90E+01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.7	3.67E+00	3.40E+01	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.3	4.33E+00	3.90E+01	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.33E-04	3.10E-02	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0183	2.50E-03	5.10E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0103	2.47E-03	3.00E-02	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00163	5.33E-04	2.90E-02	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00918	1.70E-03	3.70E-02	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.57E-03	3.80E-02	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00414	2.23E-03	3.60E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.23E-10	9.67E-04	3.20E-02	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00326	7.67E-04	3.20E-02	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC

Table C-2 Pajarito 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-49	8831	845	06/23/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0161	2.77E-03	4.50E-02	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.81	6.33E+00	5.90E+01	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	4.33E+00	3.80E+01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.76	6.33E+00	6.50E+01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.3	6.33E+00	6.30E+01	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.787	7.00E+00	7.10E+01	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.133	3.27E-02	3.30E-01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.245	6.67E-02	6.80E-01	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.204	5.67E-02	5.80E-01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.57	1.37E-01	8.70E-01	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.21	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.153	3.33E-01	3.20E+00	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.6	3.67E-01	4.30E+00	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.241	5.33E-01	5.00E+00	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0325	5.00E-01	4.80E+00	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.243	4.67E-02	4.60E-01	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.191	4.00E-02	4.70E-01	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0549	4.00E-02	4.20E-01	—	pCi/L	U	U	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0015	3.27E-02	3.30E-01	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0222	4.00E-02	4.70E-01	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12903	UMTL
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	9.58E-02	2.87E-01	—	pCi/L	U	U	10-845	CAPA-10-6813	UMTL
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12297	UMTL
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	09-2485	CAMO-09-10840	UMTL
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.553	1.73E-02	8.60E-02	—	pCi/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.78	5.33E-02	7.10E-02	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	2.17	5.33E-02	6.20E-02	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.11	3.33E-02	1.30E-01	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.584	1.87E-02	9.70E-02	—	pCi/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0194	3.67E-03	4.20E-02	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0547	5.67E-03	5.50E-02	—	pCi/L	U	U	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.129	6.33E-03	3.30E-02	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0264	5.00E-03	6.60E-02	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0157	2.80E-03	4.70E-02	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	06/23/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.257	1.00E-02	4.20E-02	—	pCi/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	03/03/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.02	3.33E-02	5.00E-02	—	pCi/L	—	—	10-2296	CAPA-10-12903	GELC
R-49	8831	845	12/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.53	4.00E-02	3.90E-02	—	pCi/L	—	—	10-851	CAPA-10-6813	GELC
R-49	8831	845	09/01/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.68	2.33E-02	6.50E-02	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	06/23/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.393	1.40E-02	4.80E-02	—	pCi/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1.00E+00	uS/cm	—	—	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	09/01/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	06/18/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1.00E+00	uS/cm	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.033	—	—	3.30E-02	mg/L	J	J-	10-2335	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	10-868	CAPA-10-6816	GELC
R-49	8841	905.6	09/01/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	UJ	09-3083	CAPA-09-12300	GELC
R-49	8841	905.6	06/18/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	09-2381	CAMO-09-10515	GELC
R-49	8841	905.6	12/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	1.00E-02	SU	H	J-	10-869	CAPA-10-6815	GELC
R-49	8841	905.6	09/01/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J-	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	06/18/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12909	UMTL
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	10-870	CAPA-10-6816	UMTL
R-49	8841	905.6	09/01/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	9.58E-02	2.87E-01	—	pCi/L	U	U	09-3086	CAPA-09-12300	UMTL

Table C-2 Pajarito 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-49	8841	905.6	06/18/09	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	9.58E-02	2.87E-01	—	pCi/L	U	U	09-2462	CAMO-09-10515	UMTL
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	—	4.09	—	—	3.00E+00	ug/L	J	J	10-2335	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	10-868	CAPA-10-6816	GELC
R-49	8841	905.6	09/01/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	09-3083	CAPA-09-12300	GELC
R-49	8841	905.6	06/18/09	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3.00E+00	ug/L	U	U	09-2381	CAMO-09-10515	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	0.309	—	—	2.50E-01	ug/L	J	J	10-2335	CAPA-10-12910	GELC
R-49	8841	905.6	03/05/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.462	—	—	2.50E-01	ug/L	J	J	10-2335	CAPA-10-12909	GELC
R-49	8841	905.6	12/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	10-868	CAPA-10-6816	GELC
R-49	8841	905.6	09/01/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	09-3083	CAPA-09-12300	GELC
R-49	8841	905.6	06/18/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	09-2381	CAMO-09-10515	GELC
R-51	8991	914.96	03/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2384	CAPA-10-13494	UMTL
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000101	—	—	1.01E-06	ug/L	—	—	10-2004	CAPA-10-13498	ALTC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.000000618	—	—	6.18E-07	ug/L	J	J	10-2004	CAPA-10-13498	ALTC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.5	—	—	7.30E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.8	—	—	6.60E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.196	—	—	3.30E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	3.50E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	8.50E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	8.50E-02	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.955	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.301	—	—	5.00E-02	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	5.00E-02	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	1.00E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	1.00E-01	mg/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1.00E+00	uS/cm	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.44	—	—	1.00E-01	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.40E+00	mg/L	—	J	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.953	—	—	3.30E-01	mg/L	J	J	10-2005	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	283	—	—	6.80E+01	ug/L	*	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	424	—	—	6.80E+01	ug/L	*	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.2	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.25	—	—	2.50E+00	ug/L	J	J	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.52	—	—	2.50E+00	ug/L	J	J	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	271	—	—	3.00E+01	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	478	—	—	3.00E+01	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18.3	—	—	2.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	1.00E-01	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	1.00E-01	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.554	—	—	5.00E-01	ug/L	J	J	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.741	—	—	5.00E-01	ug/L	J	J	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	5.30E-02	mg/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.551	—	—	5.00E-02	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.602	—	—	5.00E-02	ug/L	—	—	10-2006	CAPA-10-13498	GELC

Table C-2 Pajarito 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-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.53	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.97	—	—	1.00E+00	ug/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.93	—	—	3.30E+00	ug/L	J	J	10-2006	CAPA-10-13497	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.33	—	—	3.30E+00	ug/L	J	J	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	7.67E-04	3.00E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-25.6	2.03E+00	1.80E+01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.115	3.67E-01	3.40E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.137	3.67E-01	3.70E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.43	2.40E-01	1.90E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.47	2.93E-01	2.40E+00	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	32.8	3.13E+00	2.60E+01	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.23	2.73E+00	2.70E+01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.00E-04	4.40E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00348	1.43E-03	3.10E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10	4.67E+00	4.30E+01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.983	4.00E-01	3.70E+00	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0618	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	2.13E-02	2.87E-01	—	pCi/L	U	U	10-2060	CAPA-10-13498	UMTL
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.392	1.30E-02	3.50E-02	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0171	2.20E-03	2.80E-02	—	pCi/L	U	U	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.274	1.00E-02	2.50E-02	—	pCi/L	—	—	10-2006	CAPA-10-13498	GELC
R-51	9001	1030.96	02/22/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	3.49	—	—	3.00E+00	ug/L	J	J	10-2005	CAPA-10-13499	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.8	—	—	7.30E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	6.60E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.225	—	—	3.30E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	3.50E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	3.50E-01	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	8.50E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	8.50E-02	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.39	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	5.00E-02	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	5.00E-02	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.00E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.97	—	—	1.00E-01	mg/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1.00E+00	uS/cm	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	1.00E-01	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	J	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.766	—	—	3.30E-01	mg/L	J	J	10-2000	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	1.00E-02	SU	H	J-	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.9	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.4	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.79	—	—	2.50E+00	ug/L	J	J	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.95	—	—	2.00E+00	ug/L	J	J	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.37	—	—	2.00E+00	ug/L	J	J	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	1.00E-01	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.991	—	—	1.00E-01	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	5.30E-02	mg/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.2	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13095	GELC

Table C-2 Pajarito 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-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.394	—	—	5.00E-02	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	5.00E-02	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.66	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13094	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.64	—	—	1.00E+00	ug/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.38	—	—	3.30E+00	ug/L	J	J	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	0.196	6.33E-01	5.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00326	1.37E-03	3.30E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.548	4.67E-01	3.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0707	3.67E-01	3.60E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0727	1.20E-01	1.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.78	2.53E-01	2.40E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.4	1.73E+00	2.10E+01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.787	1.87E+00	1.60E+01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.00E-03	4.90E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00603	1.43E-03	3.40E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.1	4.33E+00	3.90E+01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.618	3.67E-01	3.80E+00	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.105	4.33E-02	4.70E-01	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	3.19E-02	2.87E-01	—	pCi/L	U	U	10-2061	CAPA-10-13095	UMTL
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.224	1.33E-02	9.00E-02	—	pCi/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00354	2.63E-03	7.10E-02	—	pCi/L	U	U	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.111	9.00E-03	6.40E-02	—	pCi/L	—	—	10-2001	CAPA-10-13095	GELC
R-54	8971	915	02/21/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	4.37	—	—	3.00E+00	ug/L	J	J	10-2000	CAPA-10-13096	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.000000996	—	—	9.96E-07	ug/L	J	J	10-1885	CAPA-10-12691	ALTC
R-54	8981	830	02/15/10	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.000000996	—	—	9.96E-07	ug/L	—	—	10-1885	CAPA-10-12691	ALTC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.3	—	—	7.30E-01	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.046	—	—	1.60E-02	mg/L	J	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.28	—	—	5.00E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	5.00E-02	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.01	—	—	6.60E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.241	—	—	3.30E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32	—	—	3.50E-01	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	3.50E-01	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	8.50E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.64	—	—	8.50E-02	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.196	—	—	5.00E-02	ug/L	J	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.04	—	—	5.00E-02	mg/L	—	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	5.00E-02	mg/L	—	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.9	—	—	5.00E-01	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	5.00E-01	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.36	—	—	1.00E-01	mg/L	H	J-	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.40E+00	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.71	—	—	3.30E-01	mg/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.61	—	—	1.00E-02	SU	H	J-	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Hexp	SW-846:8321	Nitrobenzene	—	0.124	—	—	1.00E-01	ug/L	J	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	87.3	—	—	6.80E+01	ug/L	JN*	J+	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1710	—	—	6.80E+01	ug/L	N*	J+	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.58	—	—	1.50E+00	ug/L	J	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.3	—	—	1.00E+00	ug/L	*	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	66	—	—	1.00E+00	ug/L	*	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	1.50E+01	ug/L	J	J	10-1886	CAPA-10-12692	GELC

Table C-2 Pajarito 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-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.9	—	—	1.50E+01	ug/L	J	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	11.1	—	—	2.50E+00	ug/L	N	J-	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	143	—	—	2.50E+00	ug/L	N	J-	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	16.2	—	—	3.00E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	133	—	—	3.00E+01	ug/L	N*	J+	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1890	—	—	3.00E+01	ug/L	N*	J+	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.918	—	—	5.00E-01	ug/L	J	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	9.8	—	—	5.00E-01	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	42.1	—	—	2.00E+00	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	65.5	—	—	2.00E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.1	—	—	1.00E-01	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.53	—	—	1.00E-01	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.3	—	—	5.00E-01	ug/L	N	J-	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	49.4	—	—	5.00E-01	ug/L	N	J-	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.1	—	—	5.30E-02	mg/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.764	—	—	2.00E-01	ug/L	J	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	47.2	—	—	1.00E+00	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.7	—	—	1.00E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.575	—	—	3.00E-01	ug/L	JN	J-	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.682	—	—	5.00E-02	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.25	—	—	5.00E-02	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.24	—	—	1.00E+00	ug/L	J	J	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.13	—	—	1.00E+00	ug/L	J	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	60.5	—	—	3.30E+00	ug/L	—	—	10-1886	CAPA-10-12692	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	186	—	—	3.30E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0132	1.90E-03	3.30E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.22	4.67E-01	3.90E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.03	4.33E-01	4.80E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	11	7.00E-01	2.30E+00	—	pCi/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.48	3.67E-01	2.70E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	48.3	5.00E+00	7.40E+01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.06	4.00E+00	4.10E+01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00282	1.63E-03	4.90E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00844	1.63E-03	3.40E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.1	5.33E+00	5.60E+01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.13	4.33E-01	3.40E+00	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.155	4.67E-02	4.80E-01	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	9.58E-02	2.87E-01	—	pCi/L	U	U	10-1904	CAPA-10-12691	UMTL
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.15	4.33E-02	1.10E-01	—	pCi/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0419	6.33E-03	8.50E-02	—	pCi/L	U	U	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.2	4.33E-02	7.60E-02	—	pCi/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	11.2	—	—	2.00E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	8.62	—	—	3.50E+00	ug/L	J	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	—	3.15	—	—	1.30E+00	ug/L	J	J	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl-2-pentanone[4-]	—	5.73	—	—	1.30E+00	ug/L	—	—	10-1886	CAPA-10-12691	GELC
R-54	8981	830	02/15/10	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	4	—	—	3.00E+00	ug/L	J	J	10-1886	CAPA-10-12693	GELC

Appendix D

Analytical Chemistry Screening Results

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

Acronyms and Abbreviations

Code	Description
Field Prep Codes	
ASHED	Ashed
CRUSH	Crushed
F	Filtered
NA	Not analyzed
SV	Sieved
UA	Unassigned
UF	Unfiltered
UNK	Unknown
Field QC Type Codes	
CO	Collocated
EQB	Equipment blank
FB	Field blank
FD	Field duplicate
FPR	Field-prepared reagent
FPS	Field-prepared spike
FR	Field rinsate
FS	Field split
FTB	Field trip blank
FTR	Field triplicate
INB	Equipment blank taken during installation and not associated with a sampling event
ITB	Trip blank taken during installation and not associated with a sampling event
n/a	Not applicable
PE	Performance evaluation
PEB	Performance evaluation blank
PEK	Performance evaluation known
RES	Resample
SS	Special sampling event, data unique
UA	Unassigned
Suite Codes	
DIOX/FUR	Dioxins and furans
DRO	Diesel range organics
GENINORG	General inorganics
HERB	Herbicides

Acronyms and Abbreviations (continued)

Code	Description
HEXP	High explosives
METALS	Metal
PEST/PCB	Pesticides and PCBs
RAD	Radionuclides
SVOA	Semivolatile organics
VOA	Volatile organics
Lab Sample Type Codes	
BLIND	Blind quality control
BS	Blank spike
BSD	Blank spike duplicate
CS	Client sample
DL	Dilution
DUP	Duplicate
LCS	Laboratory control sample
LCSD	Laboratory control sample duplicate
LCST	Laboratory control sample triplicate
MB	Method blank
MBD	Method blank duplicate
MBT	Method blank triplicate
MS	Matrix spike
MSD	Matrix spike duplicate
MSQD	Matrix spike quadruplicate
MSQT	Fifth matrix spike
MST	Matrix spike triplicate
QNT	Fifth replicate
QUD	Quadruplicate
RE	Reanalysis
REDP	Reanalysis duplicate
RETRP	Reanalysis triplicate
RI	Reissue
RID	Reissue duplicate
SXT	Sixth replicate
TOTC	Calculated total
TOTCD	Calculated total for a duplicate
TRP	Triplicate

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a TIC. (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
H	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General inorganics)—The result for this analyte was greater than the MDL, but less than the PQL.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank because the blank does not have nitrate. This is different than most analytical methods in which one would run a blank and use the designator “nondetect” or detected, but below detection limit.
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	This code is no longer used.
JB	See J code and see B code
JN	(J) (Organic/General inorganics)—The result for this analyte was greater than the MDL, but less than the PQL. (N) (Organic)—The reported analyte is a TIC.
JN*	(J) (Organic/Inorganic/General inorganics)—The result for this analyte was greater than the MDL, but less than the PQL. (N) (Organic)—The reported analyte is a TIC.
JP	See J code and see P code.
N	(Organic)—Presumptive evidence of the presence of material. (Inorganic)—Spiked sample recovery not within control limits.
N*	This code is no longer used.
P	This code is no longer used.
U	(Inorganic)—The material was analyzed for, but was not detected above the level of the associated numerical value. The associated numerical value is either the sample quantitation limit or the sample detection limit.

Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
U*	See U code and see * code.
UE	See U code and see E code.
UEN	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. Spiked sample recovery not within control limits.
UH	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
UI	This code is no longer used.
UN	EPA flag (Inorganic)—Compound was analyzed for, but was not detected. Spiked sample recovery not within control limits.
UN*	EPA flag (Inorganic)—Compound was analyzed for, but was not detected. Spiked sample recovery not within control limits. Duplicate analysis not within control limits.
X	The result for this analyte was not detected at the specified reporting limit (used for gas chromatography methods).

Table D-1
Previously Unreported Pajarito Groundwater Radionuclides

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	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)
Alluvial	CDBO-6	SINGLE	34	08/14/09	GROSSA	UF	CS	—*	—	6.46	1.8	3.5	pCi/L	GELC	EPA:900	—	—	—	30	0.22	15	0.43
Alluvial	PCAO-5	SINGLE	14.7	06/09/09	GROSSA	F	CS	—	—	9.76	1.3	1.7	pCi/L	GELC	EPA:900	—	—	—	30	0.33	15	0.65
Alluvial	PCAO-5	SINGLE	14.7	06/09/09	GROSSA	UF	CS	—	—	10.9	1.6	2.8	pCi/L	GELC	EPA:900	—	—	—	30	0.36	15	0.73
Alluvial	PCAO-5	SINGLE	14.7	09/02/09	GROSSA	UF	CS	—	—	6.35	1.7	3.1	pCi/L	GELC	EPA:900	—	—	—	30	0.21	15	0.42
Intermediate	R-19	MULTI	909.3	09/10/09	GROSSA	UF	CS	—	—	8.59	2.6	4.5	pCi/L	GELC	EPA:900	—	—	—	30	0.29	15	0.57
Regional	R-20	MULTI	904.6	09/02/09	GROSSA	UF	CS	—	—	13.5	2.4	2.1	pCi/L	GELC	EPA:900	—	—	—	30	0.45	15	0.9
Regional	R-49	MULTI	845	12/07/09	GROSSA	UF	CS	—	—	14	2.4	3	pCi/L	GELC	EPA:900	—	—	—	30	0.47	15	0.93

*— = None.

Table D-2
Previously Unreported Pajarito 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	MDL	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Intermediate	R-37	MULTI	929.3	12/18/09	H-3	UF	CS	—*	—	26.31	4.09	2.33089	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-37	MULTI	1026	12/18/09	H-3	UF	CS	—	—	24.43	3.74	1.62843	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-38	SINGLE	821.2	12/17/09	H-3	UF	CS	—	<	0.51	0.64	2.17124	—	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-21	SINGLE	888.8	12/04/09	H-3	UF	CS	—	<	-0.26	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-41	MULTI	965.3	12/15/09	H-3	UF	CS	—	<	-0.13	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Alluvial	PCAO-5	SINGLE	14.7	12/17/09	H-3	UF	CS	FD	—	43.55	6.64	2.2351	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	12/17/09	H-3	UF	CS	—	—	44.83	6.80	2.17124	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	3MAO-2	SINGLE	14.7	12/16/09	H-3	UF	CS	FD	—	153.39	23.09	2.04352	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	3MAO-2	SINGLE	14.7	12/16/09	H-3	UF	CS	—	—	153.30	23.09	2.58633	—	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	12/11/09	H-3	UF	CS	—	—	54.92	1.92	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7b2	SINGLE	10	12/10/09	H-3	UF	CS	—	—	59.07	1.92	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7c	SINGLE	9.7	12/10/09	H-3	UF	CS	—	—	65.14	2.24	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	PCI-2	SINGLE	512	12/14/09	H-3	UF	CS	—	<	-0.16	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-19	MULTI	909.3	12/03/09	H-3	UF	CS	—	<	-0.16	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-40	MULTI	649.7	12/04/09	H-3	UF	CS	—	<	0.51	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Intermediate	R-40	MULTI	751.6	12/04/09	H-3	UF	CS	—	<	0.06	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-23i	MULTI	400.3	12/03/09	H-3	UF	CS	—	—	185.19	6.07	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	R-23i	MULTI	470.2	12/02/09	H-3	UF	CS	—	—	30.97	0.96	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	R-23i	MULTI	524	12/01/09	H-3	UF	CS	—	—	33.21	0.96	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-40	MULTI	849.3	12/03/09	H-3	UF	CS	FD	<	-0.06	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-40	MULTI	849.3	12/03/09	H-3	UF	CS	—	<	0.16	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-20	MULTI	904.6	12/01/09	H-3	UF	CS	—	<	-0.06	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-20	MULTI	1147.1	12/02/09	H-3	UF	CS	—	<	-0.06	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-32	SINGLE	867.5	12/07/09	H-3	UF	CS	—	<	-0.13	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-49	MULTI	845	12/07/09	H-3	UF	CS	—	<	0.09579	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-49	MULTI	905.6	12/09/09	H-3	UF	CS	—	<	0.22351	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-39	SINGLE	859	12/09/09	H-3	UF	CS	PEB	<	-0.03193	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-39	SINGLE	859	12/09/09	H-3	UF	CS	FD	<	-0.25544	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-39	SINGLE	859	12/09/09	H-3	UF	CS	—	<	0.16	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-23	SINGLE	816	12/09/09	H-3	UF	CS	FD	<	0.22	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-23	SINGLE	816	12/09/09	H-3	UF	CS	—	<	0.13	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5

*— = None.

Table D-3
Groundwater Radionuclides

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	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG	Ratio (Result/Screening Level)	DOE Drinking Water DCG Scr Lvl	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional	R-37	MULTI	1026	03/03/10	Ra-228	UF	CS	—*	<	0.655	0.23	0.59	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.16	5	0.13	30	0.02
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	Ra-226	UF	CS	—	—	0.767	0.25	0.62	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.19	5	0.15	30	0.03
Regional	R-54	MULTI	830	02/15/10	GROSSA	UF	CS	—	—	11	2.1	2.3	pCi/L	GELC	EPA:900	—	—	—	30	0.37	—	—	15	0.73	—	—

*— = None.

Table D-4
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	MDL	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Intermediate	R-37	MULTI	929.3	03/02/10	H-3	UF	CS	—*	—	44.70	1.28	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-37	MULTI	1026	03/03/10	H-3	UF	CS	—	—	4.53	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-41	MULTI	965.3	02/26/10	H-3	UF	CS	—	<	-0.35	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Alluvial	18-BG-1	SINGLE	10	02/22/10	H-3	UF	CS	—	—	50.13	1.60	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	H-3	UF	CS	FD	—	94.19	3.19	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	H-3	UF	CS	—	—	91.96	3.19	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7c	SINGLE	9.7	03/02/10	H-3	UF	CS	FD	—	74.08	2.55	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7c	SINGLE	9.7	03/02/10	H-3	UF	CS	—	—	77.27	2.55	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	PCI-2	SINGLE	512	03/01/10	H-3	UF	CS	—	<	-0.16	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-19	MULTI	909.3	02/25/10	H-3	UF	CS	—	<	0.03	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-40	MULTI	649.7	03/03/10	H-3	UF	CS	—	<	—	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-40	MULTI	751.6	02/23/10	H-3	UF	CS	PEB	<	-0.19	0.10	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5

Table D-4 (continued)

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	MDA	MDL	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Intermediate	R-40	MULTI	751.6	02/23/10	H-3	UF	CS	—	<	0.13	0.13	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-23i	MULTI	524	03/08/10	H-3	UF	CS	—	—	33.53	0.96	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-17	MULTI	1057	03/08/10	H-3	UF	CS	—	<	0.64	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional	R-17	MULTI	1124	03/08/10	H-3	UF	CS	—	<	0.06	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-51	MULTI	914.96	03/08/10	H-3	UF	CS	—	<	0.03	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-51	MULTI	1030.96	02/22/10	H-3	UF	CS	—	<	-0.22	0.06	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-40	MULTI	849.3	02/23/10	H-3	UF	CS	—	<	-0.32	0.13	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-20	MULTI	1147.1	02/24/10	H-3	UF	CS	FD	<	-0.06	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-20	MULTI	1147.1	02/24/10	H-3	UF	CS	—	<	-0.19	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-54	MULTI	830	02/15/10	H-3	UF	CS	—	<	-0.10	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-54	MULTI	915	02/21/10	H-3	UF	CS	—	<	-0.06	0.10	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-49	MULTI	845	03/03/10	H-3	UF	CS	—	<	0.06	0.29	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-49	MULTI	905.6	03/05/10	H-3	UF	CS	—	<	0.12772	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-39	SINGLE	859	02/26/10	H-3	UF	CS	—	<	—	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-23	SINGLE	816	03/05/10	H-3	UF	CS	FD	<	-0.15965	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-23	SINGLE	816	03/05/10	H-3	UF	CS	—	<	-0.25544	0.28737	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5

*— = None.

Table D-5
Groundwater Inorganics

Analyte	Zone	Location	Well Class	Port Depth (ft)	Date	Field Preparation Code	Field QC Type Code	Lab Sample Type Code	Symbol	Result	Uncertainty	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Cl(-1)	Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	F	FD	CS	—*	134	—	1.3	mg/L	GELC	—	—	—	250	0.54
Cl(-1)	Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	F	—	CS	—	137	—	1.3	mg/L	GELC	—	—	—	250	0.55

*— = None.

Table D-6
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-41	MULTI	965	02/26/10	—*	F	CS	ClO4	SW-846:6850	—	0.389	0.05	µg/L	1	—	—	—	GELC
Alluvial	18-BG-1	SINGLE	10	02/22/10	—	F	CS	ClO4	SW-846:6850	—	0.302	0.05	µg/L	1	—	—	—	GELC
Alluvial	PCAO-7a	SINGLE	10	02/23/10	—	F	CS	ClO4	SW-846:6850	—	0.353	0.05	µg/L	1	—	—	—	GELC
Alluvial	PCAO-7a	SINGLE	10	02/23/10	FD	F	CS	ClO4	SW-846:6850	—	0.342	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-19	MULTI	909	02/25/10	—	F	CS	ClO4	SW-846:6850	—	0.353	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-40	MULTI	752	02/23/10	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-40	MULTI	752	02/23/10	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-40	MULTI	752	02/23/10	—	F	CS	ClO4	SW-846:6850	—	0.054	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-23i	MULTI	400	03/10/10	—	F	CS	ClO4	SW-846:6850	—	0.249	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	470	03/09/10	—	F	CS	ClO4	SW-846:6850	—	0.214	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	524	03/08/10	—	F	CS	ClO4	SW-846:6850	—	0.234	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1057	03/08/10	—	F	CS	ClO4	SW-846:6850	—	0.232	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1124	03/08/10	—	F	CS	ClO4	SW-846:6850	—	0.238	0.05	µg/L	1	—	—	—	GELC
Regional	R-51	MULTI	1031	02/22/10	—	F	CS	ClO4	SW-846:6850	—	0.301	0.05	µg/L	1	—	—	—	GELC
Regional	R-19	MULTI	1191	02/26/10	—	F	CS	ClO4	SW-846:6850	—	0.252	0.05	µg/L	1	—	—	—	GELC
Regional	R-19	MULTI	1413	02/26/10	—	F	CS	ClO4	SW-846:6850	—	0.272	0.05	µg/L	1	—	—	—	GELC
Regional	R-40	MULTI	849	02/23/10	—	F	CS	ClO4	SW-846:6850	—	0.247	0.05	µg/L	1	—	—	—	GELC
Regional	R-20	MULTI	1147	02/24/10	—	F	CS	ClO4	SW-846:6850	—	0.111	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-20	MULTI	1147	02/24/10	FD	F	CS	ClO4	SW-846:6850	—	0.119	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-54	MULTI	830	02/15/10	—	F	CS	ClO4	SW-846:6850	—	0.196	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-54	MULTI	915	02/21/10	—	F	CS	ClO4	SW-846:6850	—	0.274	0.05	µg/L	1	—	—	—	GELC
Regional	R-32	SINGLE	868	03/09/10	—	F	CS	ClO4	SW-846:6850	—	0.344	0.05	µg/L	1	—	—	—	GELC
Regional	R-39	SINGLE	859	02/26/10	—	F	CS	ClO4	SW-846:6850	—	0.355	0.05	µg/L	1	—	—	—	GELC

*— = None.

Table D-7
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	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate	R-40	MULTI	751.6	02/23/10	Mn	F	CS	—*	—	124	2	µg/L	GELC	—	—	—	—	—	200	0.62
Regional	R-54	MULTI	830	02/15/10	Cr	UF	CS	—	—	143	2.5	µg/L	GELC	Noncancer	J-	I6a	100	1.43	—	—
Regional	R-54	MULTI	830	02/15/10	Pb	UF	CS	—	—	9.8	0.5	µg/L	GELC	—	—	—	15	0.65	—	—

*— = None.

Table D-8
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)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate	R-37	MULTI	929.3	03/02/10	—*	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—*	4.35	2	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	—	—	61	0.07	—	—	—	—
Regional	R-38	SINGLE	821.2	03/12/10	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.28	2.3	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.38	48	0.05	—	—	—	—
Regional	R-38	SINGLE	821.2	03/12/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	13.3	2.3	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	02/24/10	FD	UF	CS	VOA	Acetone	67-64-1	—	7.2	3.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	02/24/10	—	UF	CS	VOA	Acetone	67-64-1	—	6.65	3.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	02/24/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.38	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	FD	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	—	0.000000835	0.000000835	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	FD	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.000000835	0.000000835	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000178	0.00000178	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	FD	UF	CS	DIOX/FUR	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	—	0.000000407	0.000000407	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	FD	UF	CS	DIOX/FUR	Heptachlorodibenzofurans (Total)	38998-75-3	—	0.000000407	0.000000407	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	—	UF	CS	DIOX/FUR	Hexachlorodibenzofurans (Total)	55684-94-1	—	0.000000558	0.000000558	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—

Table D-8 (continued)

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)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.43	0.3	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	02/23/10	—	UF	CS	VOA	Toluene	108-88-3	—	0.42	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	03-B-13	SINGLE	21.5	03/01/10	FD	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	10.2	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	61	0.17	—	—	—	—
Intermediate	03-B-13	SINGLE	21.5	03/01/10	—	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	10.8	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	61	0.18	—	—	—	—
Intermediate	03-B-13	SINGLE	21.5	03/01/10	EQB	UF	CS	SVOA	Methylnaphthalene[2-]	91-57-6	—	1.41	0.32	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	150	0.01	—	—
Intermediate	03-B-13	SINGLE	21.5	03/01/10	FD	UF	CS	VOA	Chloroform	67-66-3	—	0.28	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.15	—	—	100	—
Intermediate	03-B-13	SINGLE	21.5	03/01/10	—	UF	CS	VOA	Chloroform	67-66-3	—	0.28	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.15	—	—	100	—
Intermediate	03-B-13	SINGLE	21.5	03/01/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.59	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	03-B-13	SINGLE	21.5	03/01/10	FD	UF	CS	VOA	Dichloroethane[1,1-]	75-34-3	—	0.71	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	24	0.03	—	—	25	0.03
Intermediate	03-B-13	SINGLE	21.5	03/01/10	—	UF	CS	VOA	Dichloroethane[1,1-]	75-34-3	—	0.72	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	24	0.03	—	—	25	0.03
Intermediate	03-B-13	SINGLE	21.5	03/01/10	FD	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	—	1.12	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	7	0.16	—	—	340	—	5	0.22
Intermediate	03-B-13	SINGLE	21.5	03/01/10	—	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	—	1.21	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	7	0.17	—	—	340	—	5	0.24
Intermediate	03-B-13	SINGLE	21.5	03/01/10	FD	UF	CS	VOA	Trichloroethane[1,1,1-]	71-55-6	—	40.2	0.33	µg/L	1	—	—	—	SW-846:8260B	GELC	200	0.2	—	—	9100	—	60	0.67
Intermediate	03-B-13	SINGLE	21.5	03/01/10	—	UF	CS	VOA	Trichloroethane[1,1,1-]	71-55-6	—	39.9	0.33	µg/L	1	—	—	—	SW-846:8260B	GELC	200	0.2	—	—	9100	—	60	0.67
Intermediate	03-B-13	SINGLE	21.5	03/01/10	FD	UF	CS	VOA	Trichloroethene	79-01-6	—	0.53	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.11	20	0.03	—	—	100	0.01
Intermediate	03-B-13	SINGLE	21.5	03/01/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.54	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.11	20	0.03	—	—	100	0.01
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PCB_CONG	PCB-110/PCB-115	PCB-110/115	—	0.0000173	—	µg/L	1	J	J	J_LAB	EPA:1668A	GELC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PCB_CONG	PCB-118	31508-00-6	—	0.00000666	—	µg/L	1	J	J	J_LAB	EPA:1668A	GELC	0.5	—	0.052	—	—	—	1	—
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PCB_CONG	PCB-44/PCB-47/PCB-65	PCB-44/47/65	—	0.0000238	—	µg/L	1	J	J	J_LAB	EPA:1668A	GELC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PCB_CONG	PCB-45/PCB-51	PCB-45/51	—	0.0000467	—	µg/L	1	—	—	—	EPA:1668A	GELC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PEST/PCB	PCB-99	38380-01-7	—	0.00000865	—	µg/L	1	J	J	J_LAB	EPA:1668A	GELC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PEST/PCB	Total PCB	1336-36-3	—	0.000103	—	µg/L	1	—	—	—	EPA:1668A	GELC	0.5	—	1.7	—	—	—	1	—
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PEST/PCB	Total pentaCB	25429-29-2	—	0.0000326	—	µg/L	1	—	—	—	EPA:1668A	GELC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	751.6	02/23/10	PEB	UF	CS	PEST/PCB	Total tetraCB	26914-33-0	—	0.0000705	—	µg/L	1	—	—	—	EPA:1668A	GELC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	751.6	02/23/10	FTB	UF	CS	VOA	Methylene Chloride	75-09-2	—	3.22	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.64	48	0.07	—	—	100	0.03
Intermediate	R-23i	MULTI	524	03/08/10	FTB	UF	CS	VOA	Acetone	67-64-1	—	5.6	3.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	03/10/10	—	UF	CS	HEXP	HMX	2691-41-0	—	0.27	0.026	µg/L	1	—	—	—	SW-846:8321A_MOD	STSL	—	—	—	—	1800	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	03/10/10	FD	UF	CS	HEXP	HMX	2691-41-0	—	0.3	0.026	µg/L	1	—	—	—	SW-846:8321A_MOD	STSL	—	—	—	—	1800	—	—	—

Table D-8 (continued)

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)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Intermediate Spring	Kieling Spring	SPRING	—	03/10/10	—	UF	CS	HEXP	RDX	121-82-4	—	0.14	0.059	µg/L	1	J	J-	HE12a	SW-846:8321A_MOD	STSL	—	—	6.1	0.02	—	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	03/10/10	FD	UF	CS	HEXP	RDX	121-82-4	—	0.12	0.059	µg/L	1	J	J-	HE12a	SW-846:8321A_MOD	STSL	—	—	6.1	0.02	—	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	03/10/10	—	UF	CS	HEXP	3,5-Dinitroaniline	618-87-1	—	0.055	0.032	µg/L	1	—	—	—	SW-846:8321A_MOD	STSL	—	—	—	—	—	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	03/10/10	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.22	0.051	µg/L	1	—	—	—	SW-846:8321A_MOD	STSL	—	—	—	—	73	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	03/10/10	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.1	0.05	µg/L	1	J	J	J_LAB	SW-846:8321A_MOD	STSL	—	—	—	—	73	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	03/10/10	—	UF	CS	HEXP	HMX	2691-41-0	—	2.9	0.026	µg/L	1	—	—	—	SW-846:8321A_MOD	STSL	—	—	—	—	1800	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	03/10/10	—	UF	CS	HEXP	RDX	121-82-4	—	3.7	0.059	µg/L	1	—	J-	HE12a	SW-846:8321A_MOD	STSL	—	—	6.1	0.61	—	—	—	—
Regional	R-17	MULTI	1057	03/08/10	FTB	UF	CS	VOA	Acetone	67-64-1	—	19	3.5	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional	R-17	MULTI	1124	03/08/10	FTB	UF	CS	VOA	Acetone	67-64-1	—	16.3	3.5	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional	R-51	MULTI	1030.96	02/22/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000101	0.00000101	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-51	MULTI	1030.96	02/22/10	—	UF	CS	DIOX/FUR	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	—	0.000000618	0.000000618	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-51	MULTI	1030.96	02/22/10	FTB	UF	CS	VOA	Methylene Chloride	75-09-2	—	3.49	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.7	48	0.07	—	—	100	0.03
Regional	R-40	MULTI	849.3	02/23/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	—	0.00000054	0.00000054	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-40	MULTI	849.3	02/23/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000054	0.00000054	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-40	MULTI	849.3	02/23/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	—	0.000000395	0.000000395	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-40	MULTI	849.3	02/23/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzofurans (Total)	38998-75-3	—	0.000000395	0.000000395	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-40	MULTI	849.3	02/23/10	FD	UF	CS	VOA	Toluene	108-88-3	—	0.27	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-40	MULTI	849.3	02/23/10	—	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-20	MULTI	1147.1	02/24/10	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.39	0.3	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-20	MULTI	1147.1	02/24/10	—	UF	CS	VOA	Dichloroethene[cis-1,2-]	156-59-2	—	0.31	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	70	—	—	—	370	—	—	—
Regional	R-20	MULTI	1147.1	02/24/10	—	UF	CS	VOA	Ethylbenzene	100-41-4	—	0.28	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	700	—	15	0.02	—	—	750	—
Regional	R-20	MULTI	1147.1	02/24/10	FTB	UF	CS	VOA	Methylene Chloride	75-09-2	—	4.65	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.93	48	0.1	—	—	100	0.05
Regional	R-20	MULTI	1147.1	02/24/10	FTB	UF	CS	VOA	Toluene	108-88-3	—	0.51	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-20	MULTI	1147.1	02/24/10	FD	UF	CS	VOA	Trichloroethene	79-01-6	—	1.76	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.35	20	0.09	—	—	100	0.02
Regional	R-20	MULTI	1147.1	02/24/10	—	UF	CS	VOA	Trichloroethene	79-01-6	—	1.77	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.35	20	0.09	—	—	100	0.02
Regional	R-20	MULTI	1147.1	02/24/10	FD	UF	CS	VOA	Xylene[1,3-]+Xylene[1,4-]	Xylene[1,3 and 1,4]	—	2.01	0.5	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	—	—	—	—
Regional	R-20	MULTI	1147.1	02/24/10	—	UF	CS	VOA	Xylene[1,3-]+Xylene[1,4-]	Xylene[1,3 and 1,4]	—	2.27	0.5	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	—	—	—	—

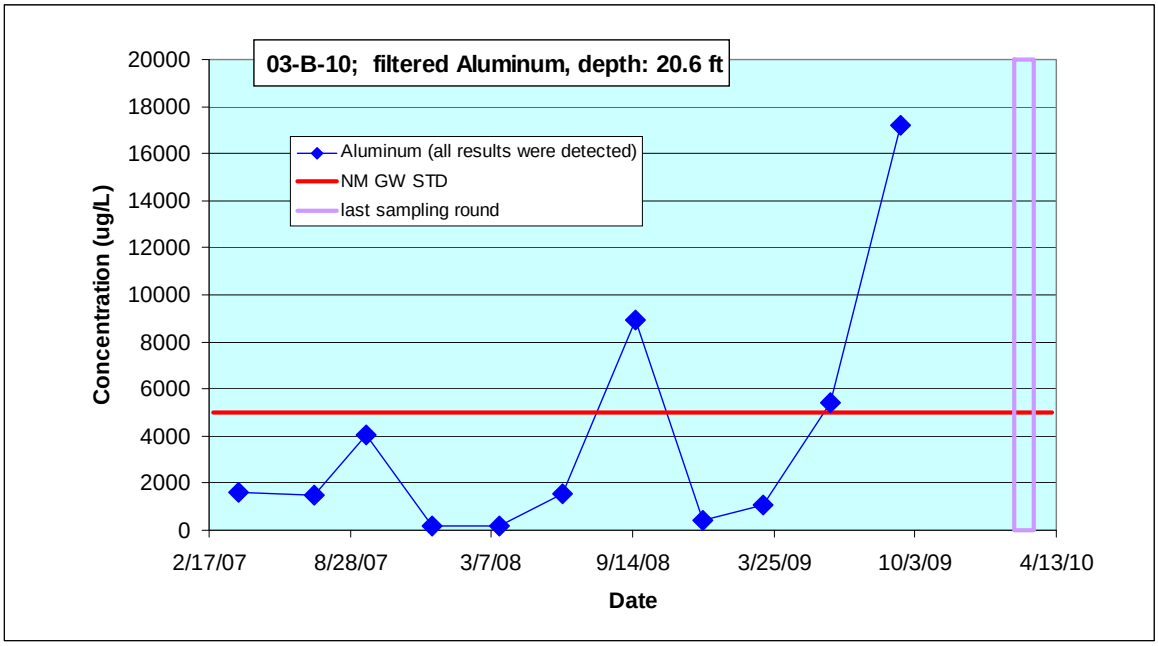
Table D-8 (continued)

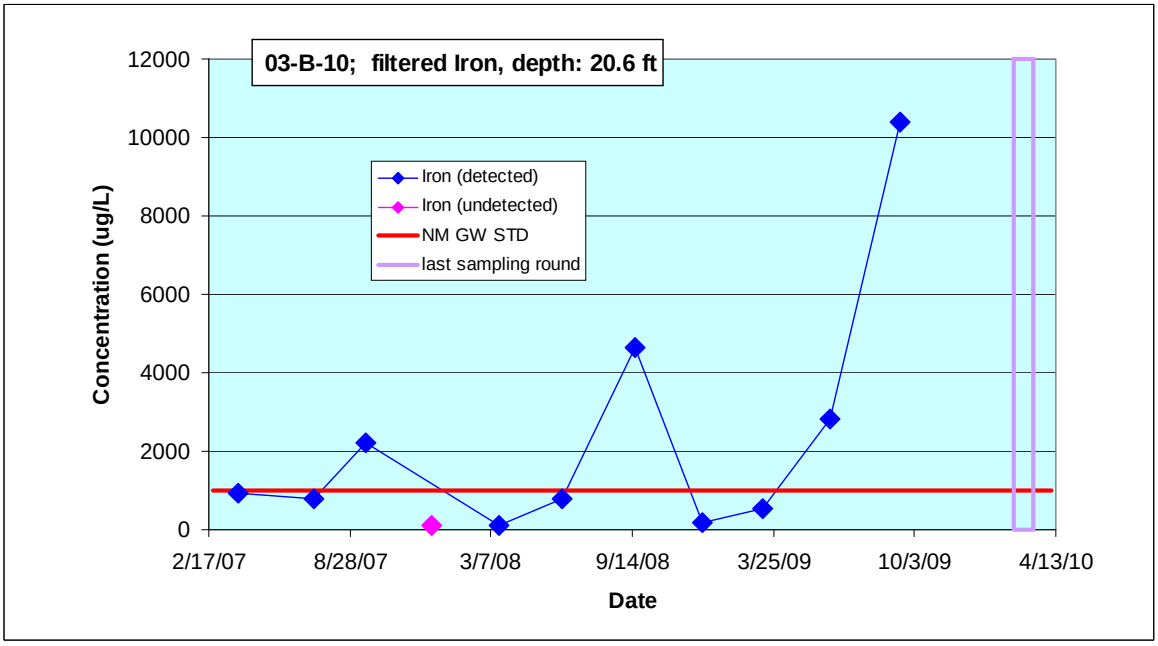
Zone	Location	Well Class	Port Depth (ft)	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	EPA Regional Tap Screening Level	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional	R-54	MULTI	830	02/15/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	—	0.000000996	0.000000996	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-54	MULTI	830	02/15/10	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.000000996	0.000000996	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-54	MULTI	830	02/15/10	—	UF	CS	HEXP	Nitrobenzene	98-95-3	—	0.124	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	1.2	0.1	—	—	—	—
Regional	R-54	MULTI	830	02/15/10	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	11.2	2	µg/L	1	—	—	—	SW-846:8270C	GELC	6	1.87	48	0.23	—	—	—	—
Regional	R-54	MULTI	830	02/15/10	—	UF	CS	VOA	Acetone	67-64-1	—	8.62	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional	R-54	MULTI	830	02/15/10	—	UF	CS	VOA	Butanone[2-]	78-93-3	—	3.15	1.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	7100	—	—	—
Regional	R-54	MULTI	830	02/15/10	—	UF	CS	VOA	Methyl-2-pentanone[4-]	108-10-1	—	5.73	1.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	2000	—	—	—
Regional	R-54	MULTI	830	02/15/10	FTB	UF	CS	VOA	Methylene Chloride	75-09-2	—	4	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.8	48	0.08	—	—	100	0.04
Regional	R-54	MULTI	915	02/21/10	FTB	UF	CS	VOA	Methylene Chloride	75-09-2	—	4.37	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.87	48	0.09	—	—	100	0.04
Regional	R-32	SINGLE	867.5	03/09/10	—	UF	CS	VOA	Acetone	67-64-1	—	4.78	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional	R-49	MULTI	905.6	03/05/10	—	UF	CS	VOA	Methylene Chloride	75-09-2	—	4.09	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.82	48	0.09	—	—	100	0.04
Regional	R-49	MULTI	905.6	03/05/10	FD	UF	CS	VOA	Toluene	108-88-3	—	0.309	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-49	MULTI	905.6	03/05/10	—	UF	CS	VOA	Toluene	108-88-3	—	0.462	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-23	SINGLE	816	03/05/10	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	8.88	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29000	—	—	—
Regional	R-23	SINGLE	816	03/05/10	FD	UF	CS	VOA	Acetone	67-64-1	—	3.59	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—

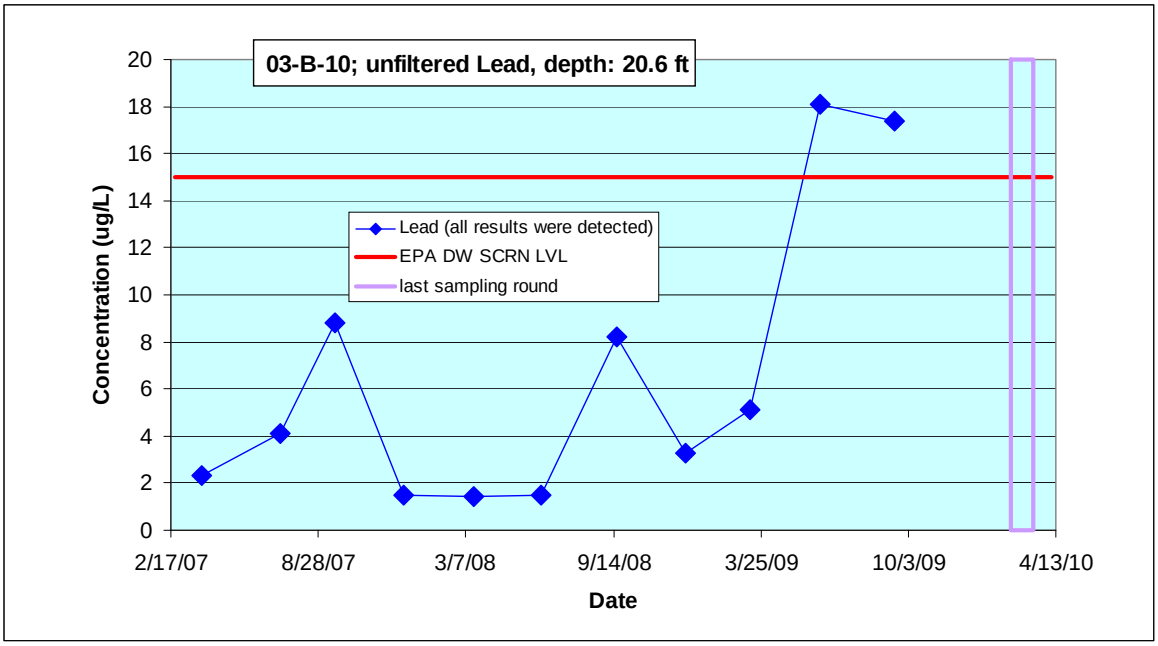
*— = None.

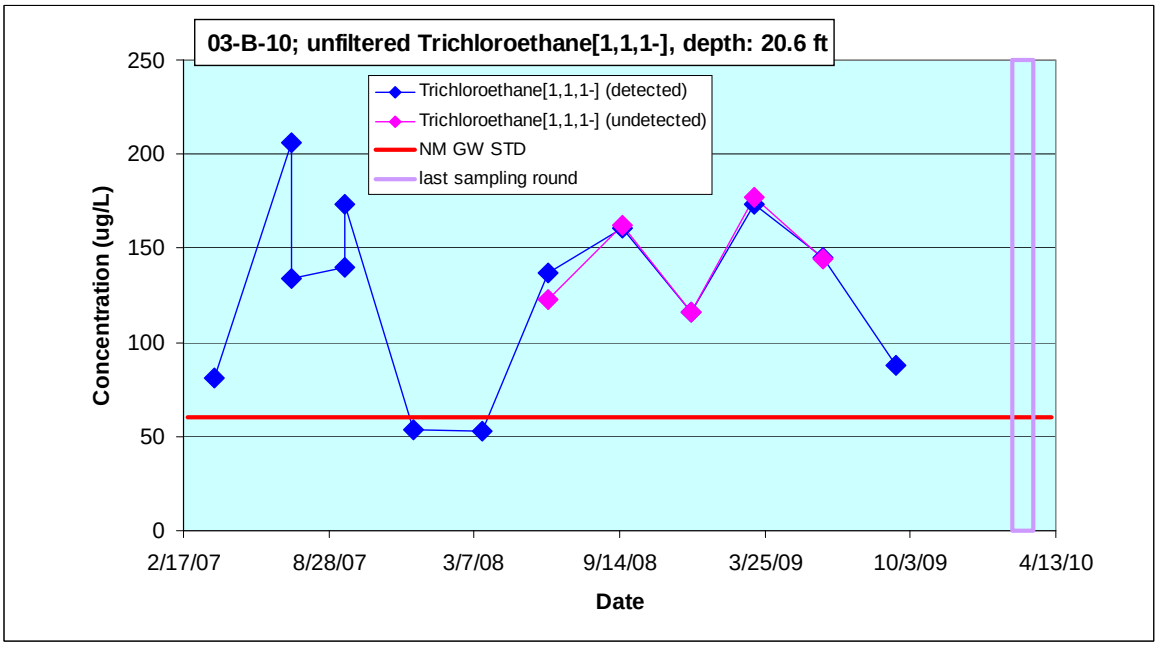
Appendix E

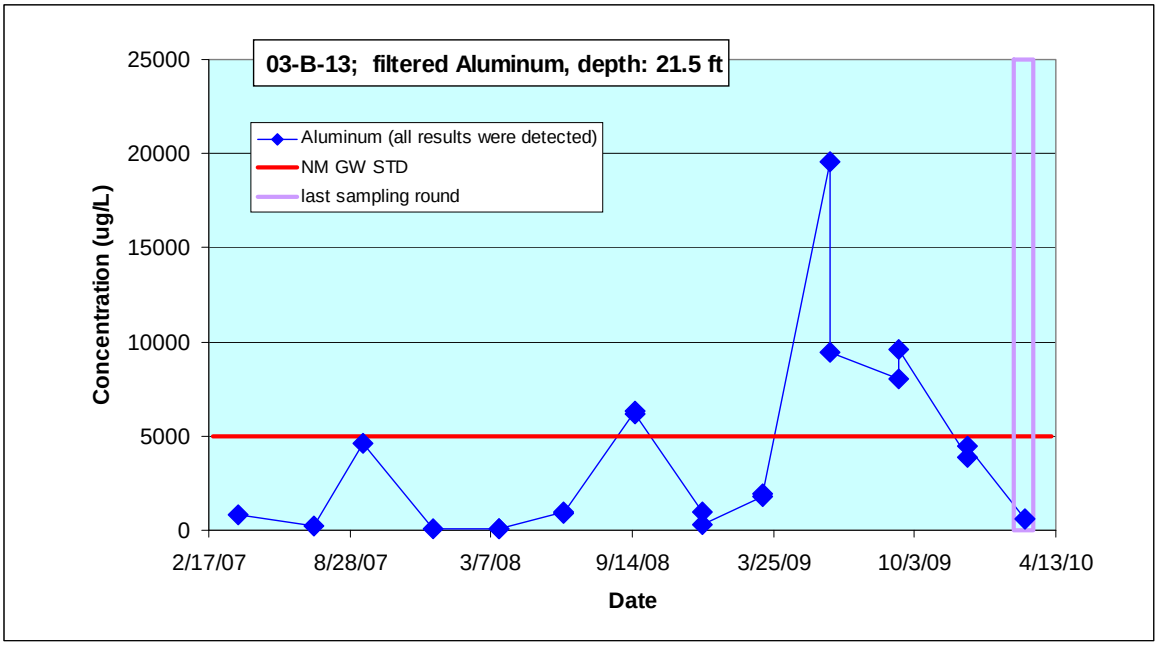
Analytical Chemistry Graphs of Screening-Level Exceedances

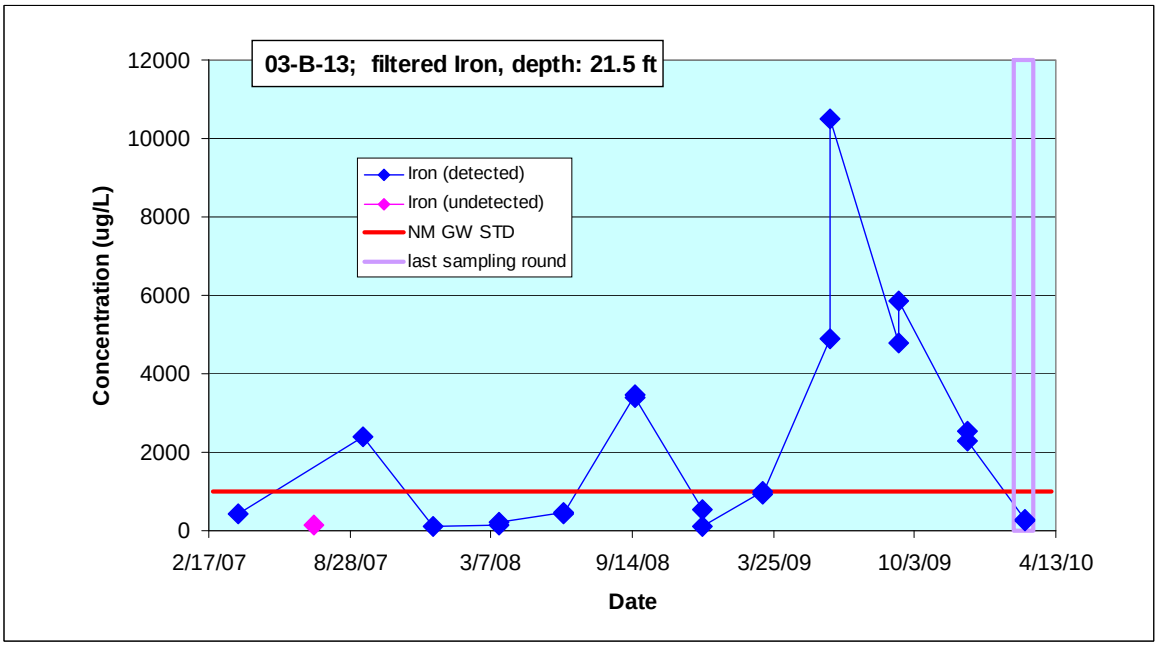

03-B-10; filtered Aluminum, depth: 20.6 ft
Aluminum (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

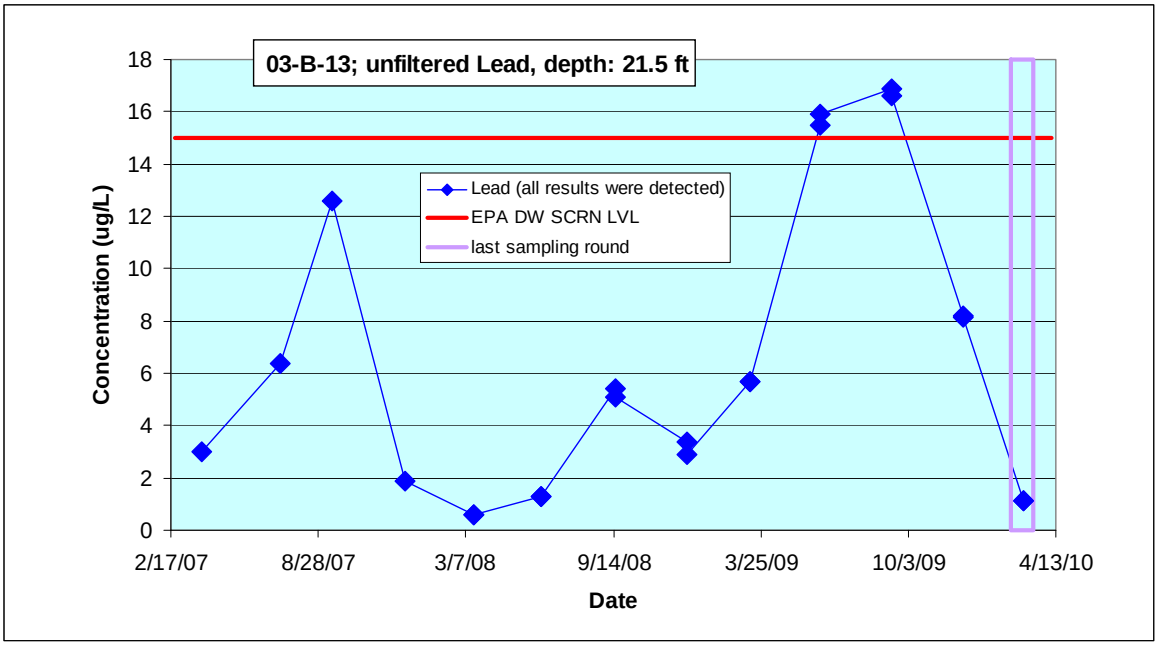

03-B-10; filtered Iron, depth: 20.6 ft
Iron (detected)
Iron (undetected)
NM GW STD
last sampling round
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

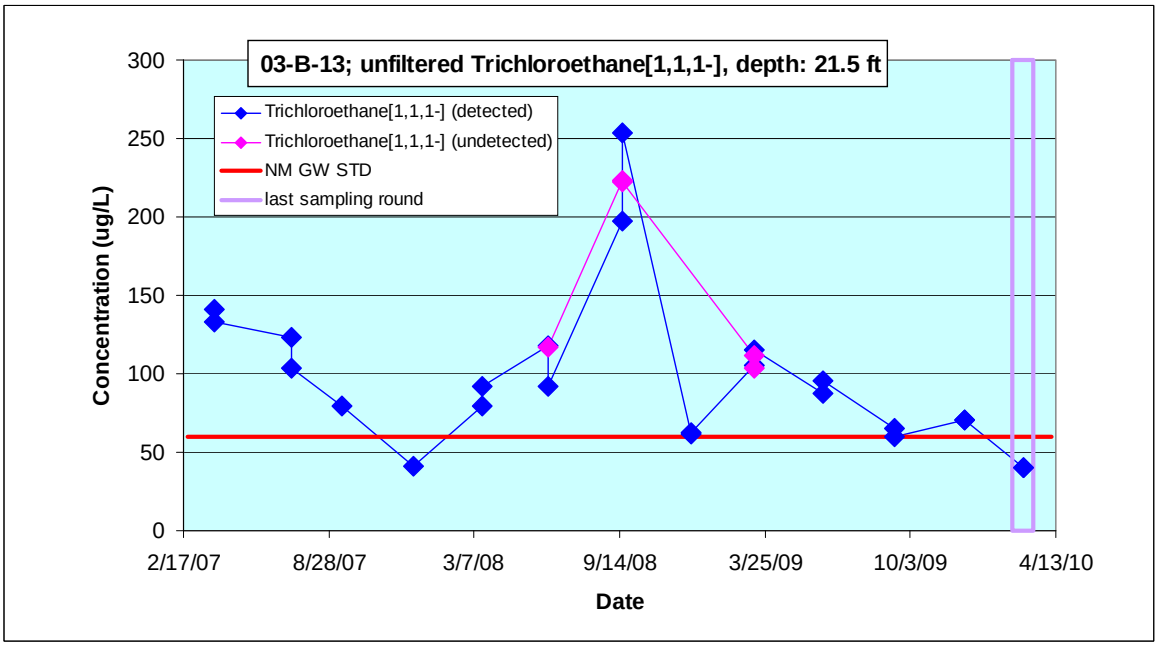

03-B-10; unfiltered Lead, depth: 20.6 ft
Concentration (ug/L)
0
2
4
6
8
10
12
14
16
18
20
Lead (all results were detected)
EPA DW SCRN LVL
last sampling round
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

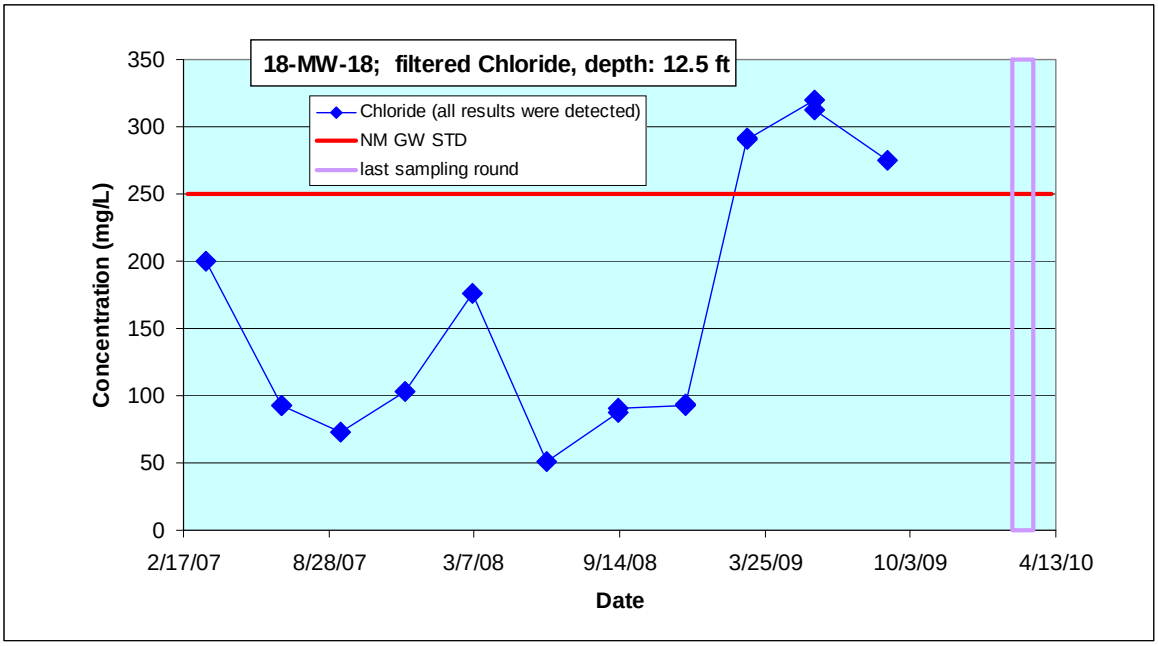

03-B-10; unfiltered Trichloroethane[1,1,1-], depth: 20.6 ft
Concentration (ug/L)
0
50
100
150
200
250
Trichloroethane[1,1,1-] (detected)
Trichloroethane[1,1,1-] (undetected)
NM GW STD
last sampling round
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

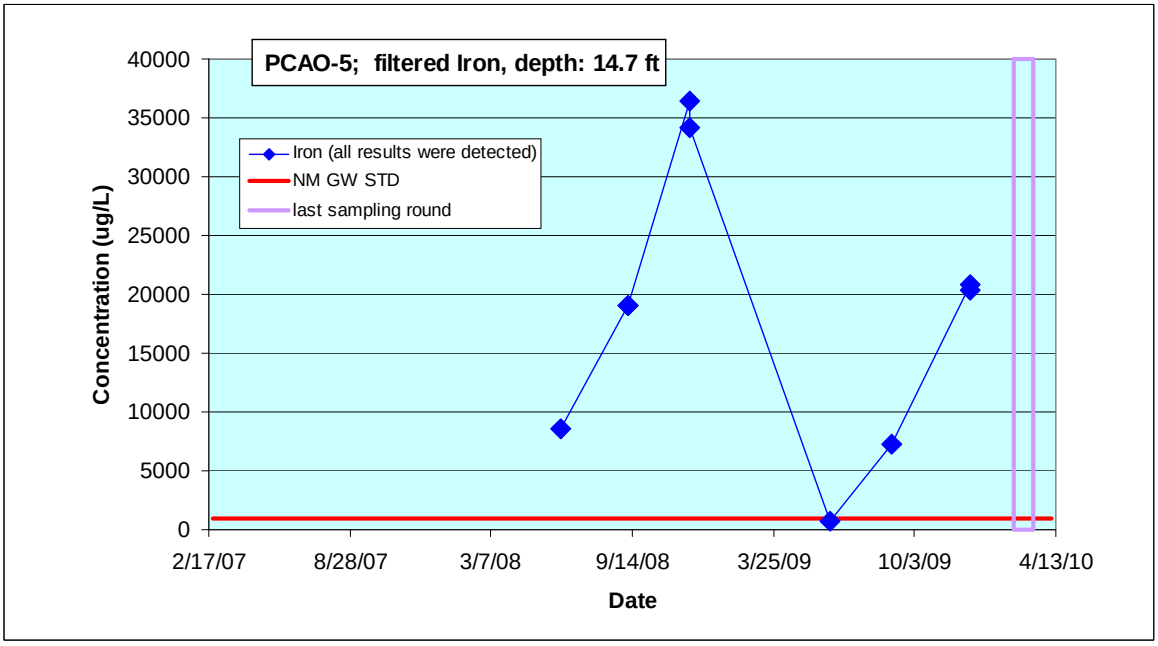

03-B-13; filtered Aluminum, depth: 21.5 ft
Aluminum (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
25000
20000
15000
10000
5000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

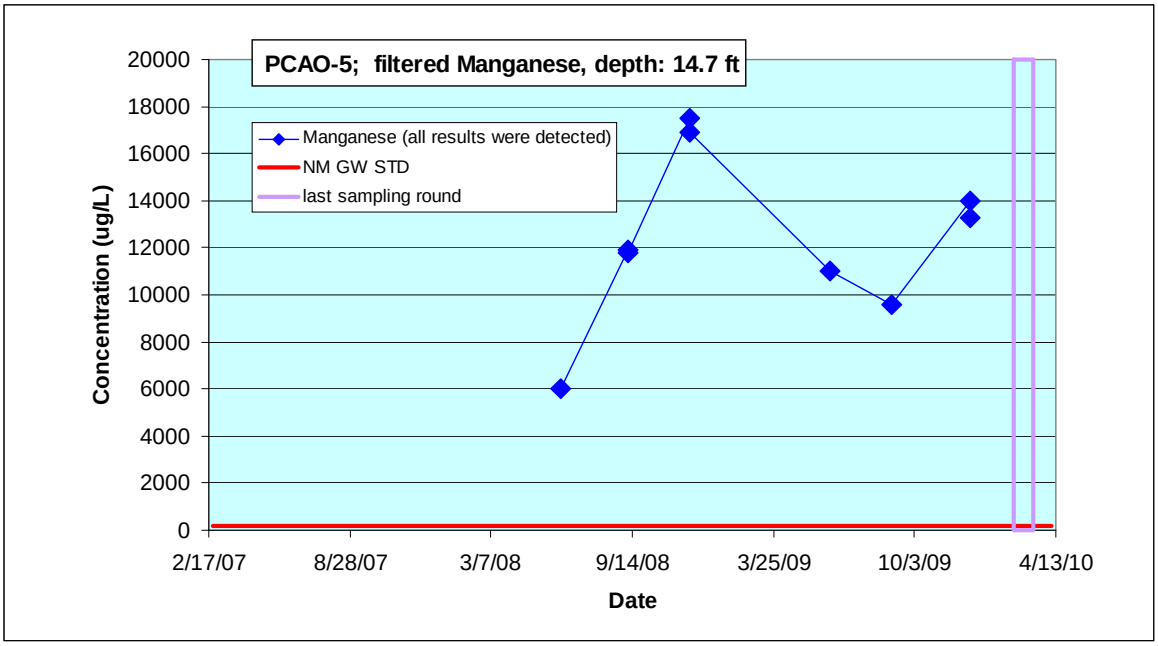

03-B-13; filtered Iron, depth: 21.5 ft
Iron (detected)
Iron (undetected)
NM GW STD
last sampling round
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

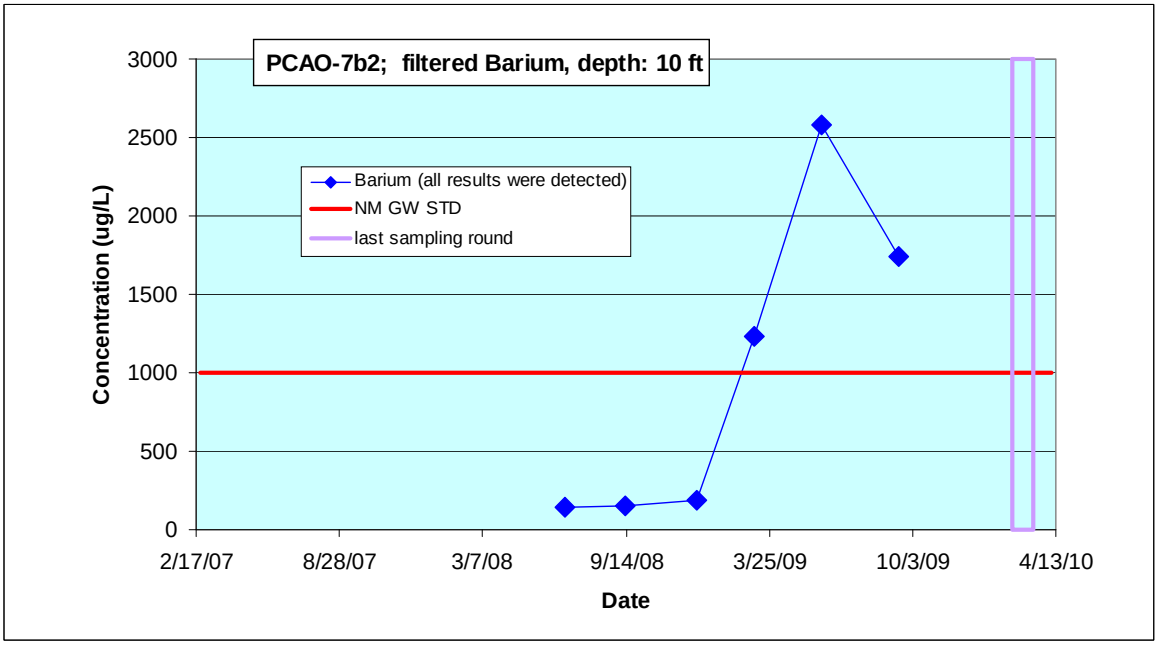

03-B-13; unfiltered Lead, depth: 21.5 ft
Lead (all results were detected)
EPA DW SCRN LVL
last sampling round
Concentration (ug/L)
0
2
4
6
8
10
12
14
16
18
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

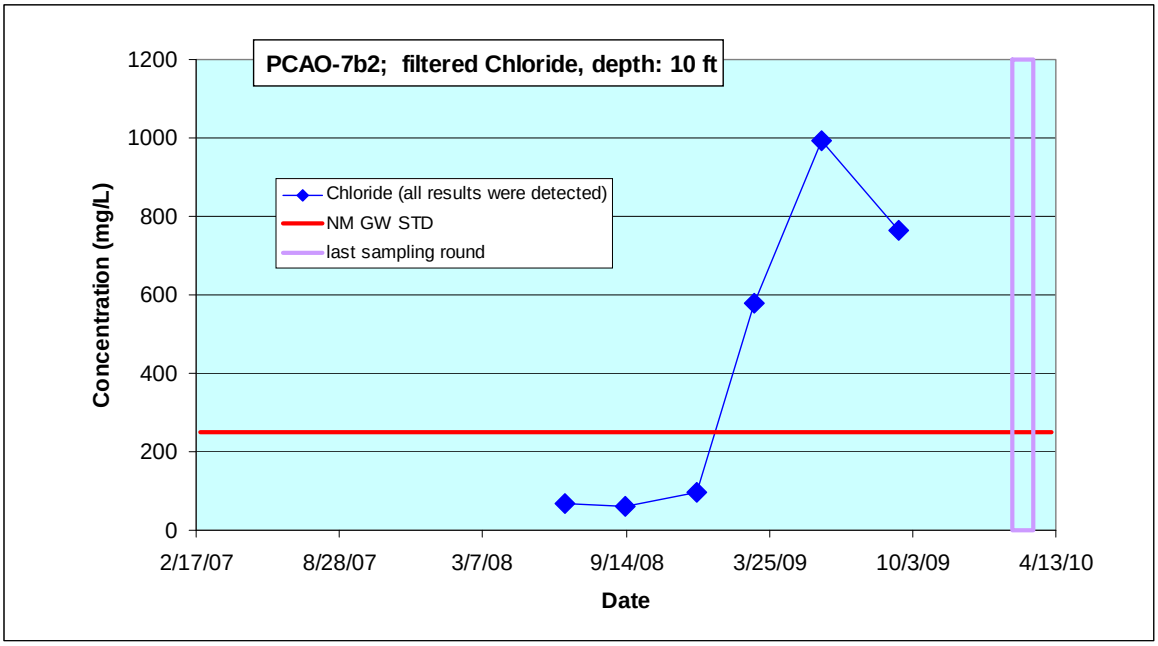

03-B-13; unfiltered Trichloroethane[1,1,1-], depth: 21.5 ft
Trichloroethane[1,1,1-] (detected)
Trichloroethane[1,1,1-] (undetected)
NM GW STD
last sampling round
Concentration (ug/L)
0
50
100
150
200
250
300
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

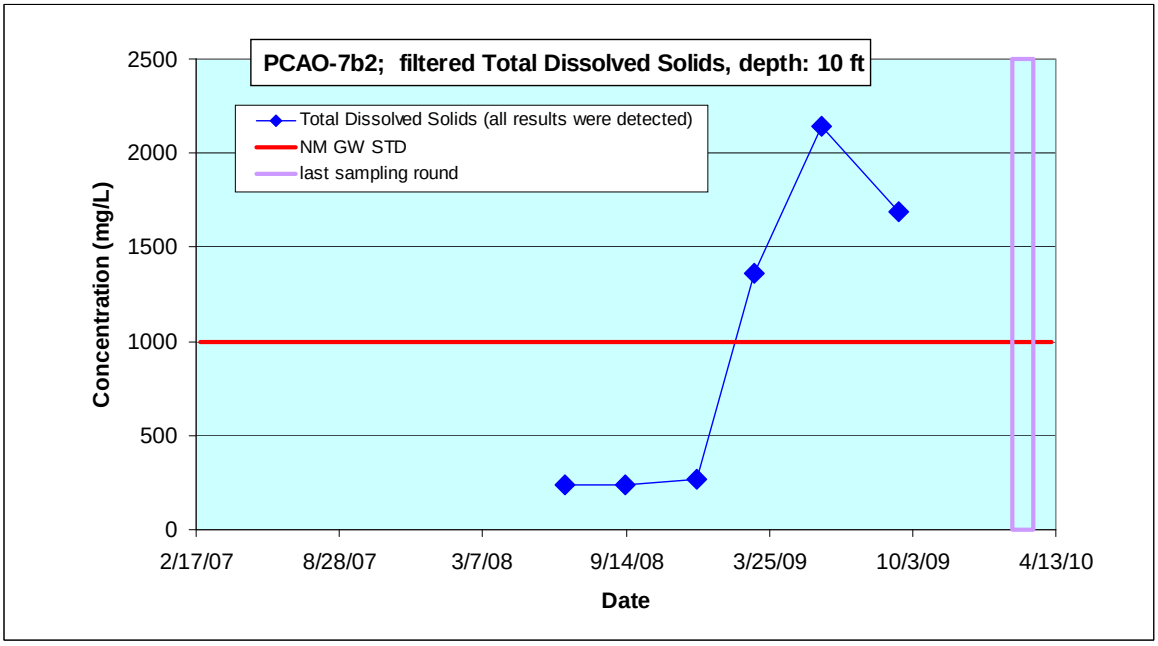

18-MW-18; filtered Chloride, depth: 12.5 ft
Chloride (all results were detected)
NM GW STD
last sampling round
Concentration (mg/L)
350
300
250
200
150
100
50
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

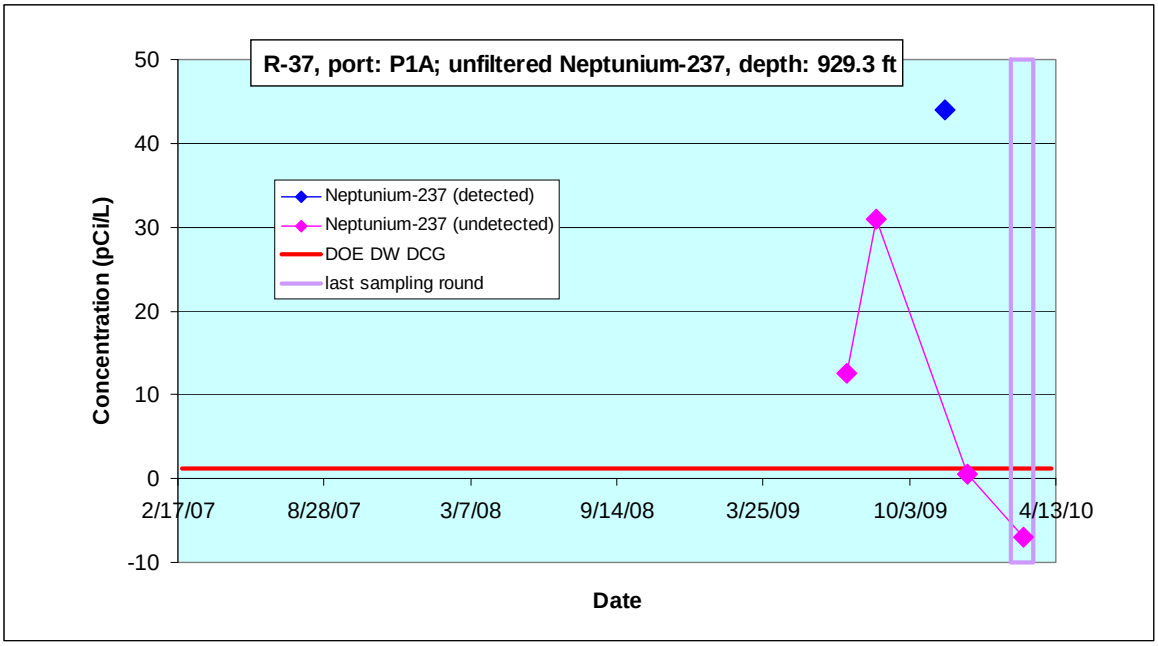

PCAO-5; filtered Iron, depth: 14.7 ft
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
40000
35000
30000
25000
20000
15000
10000
5000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

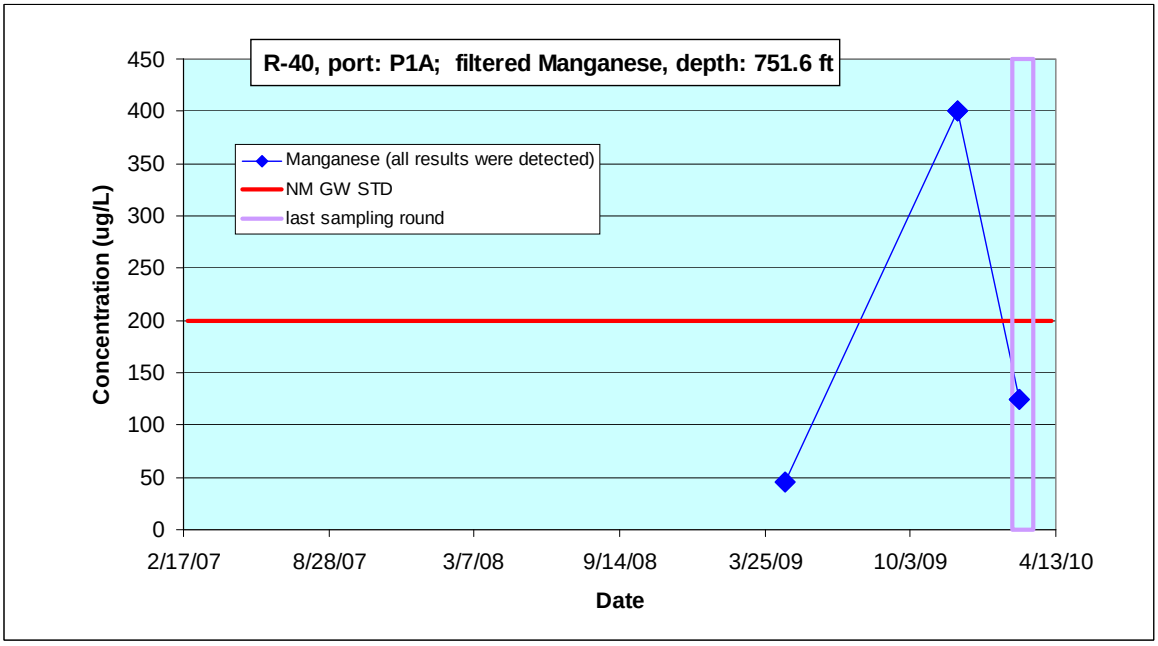

PCAO-5; filtered Manganese, depth: 14.7 ft
Manganese (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

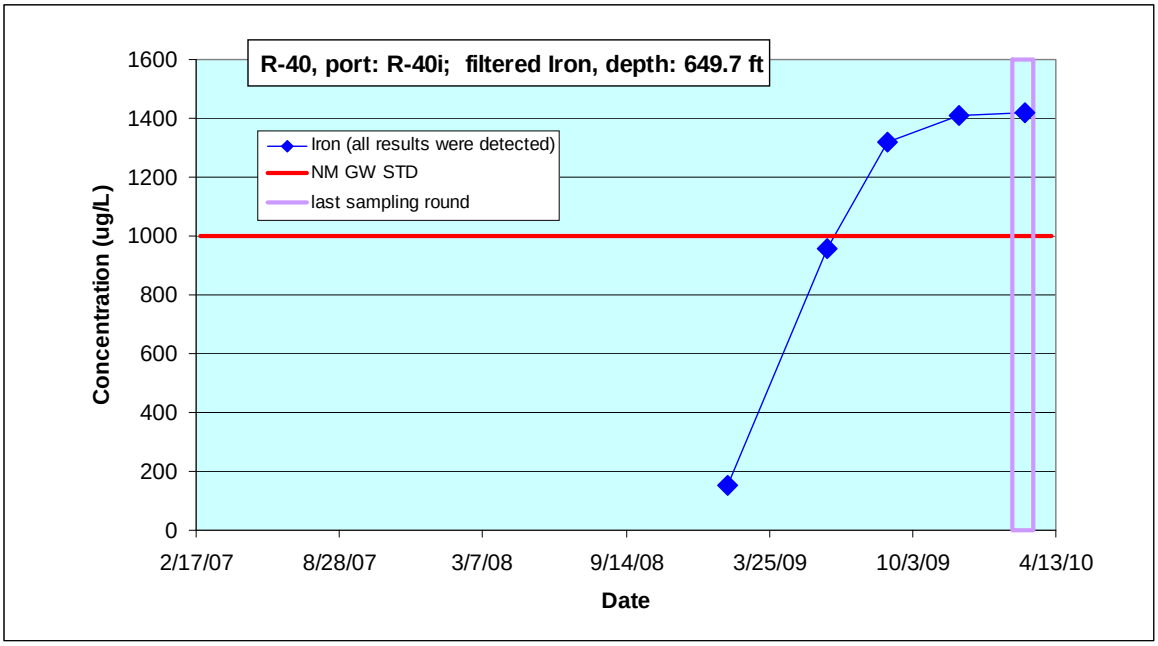

PCAO-7b2; filtered Barium, depth: 10 ft
Barium (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
3000
2500
2000
1500
1000
500
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

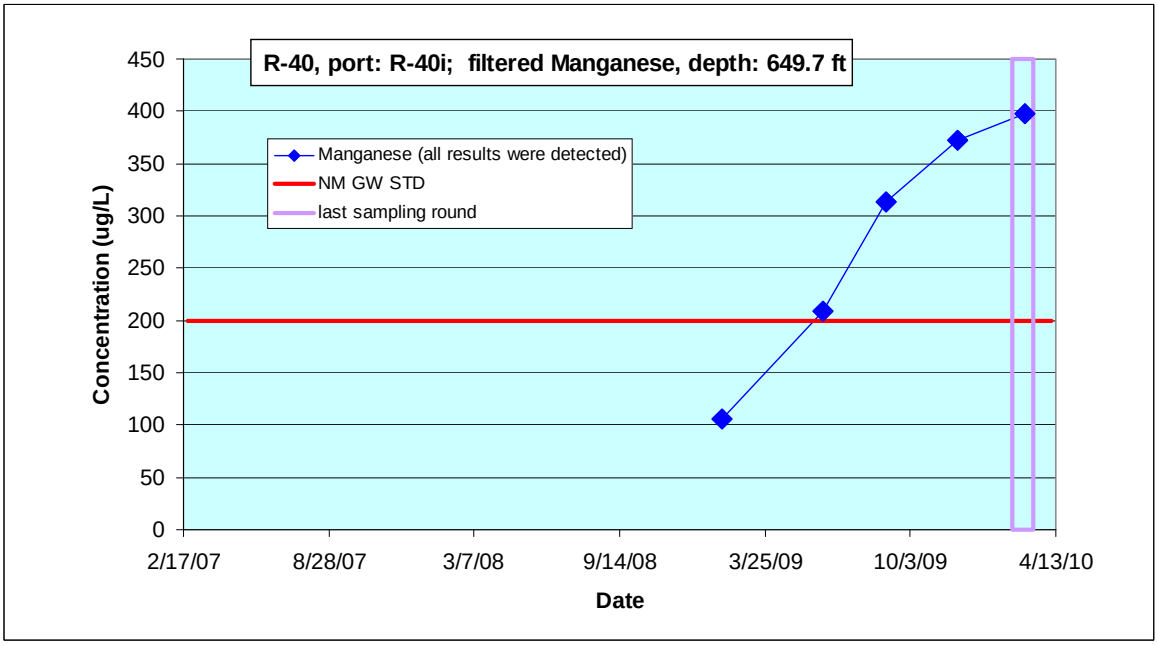

PCAO-7b2; filtered Chloride, depth: 10 ft
Chloride (all results were detected)
NM GW STD
last sampling round
Concentration (mg/L)
1200
1000
800
600
400
200
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

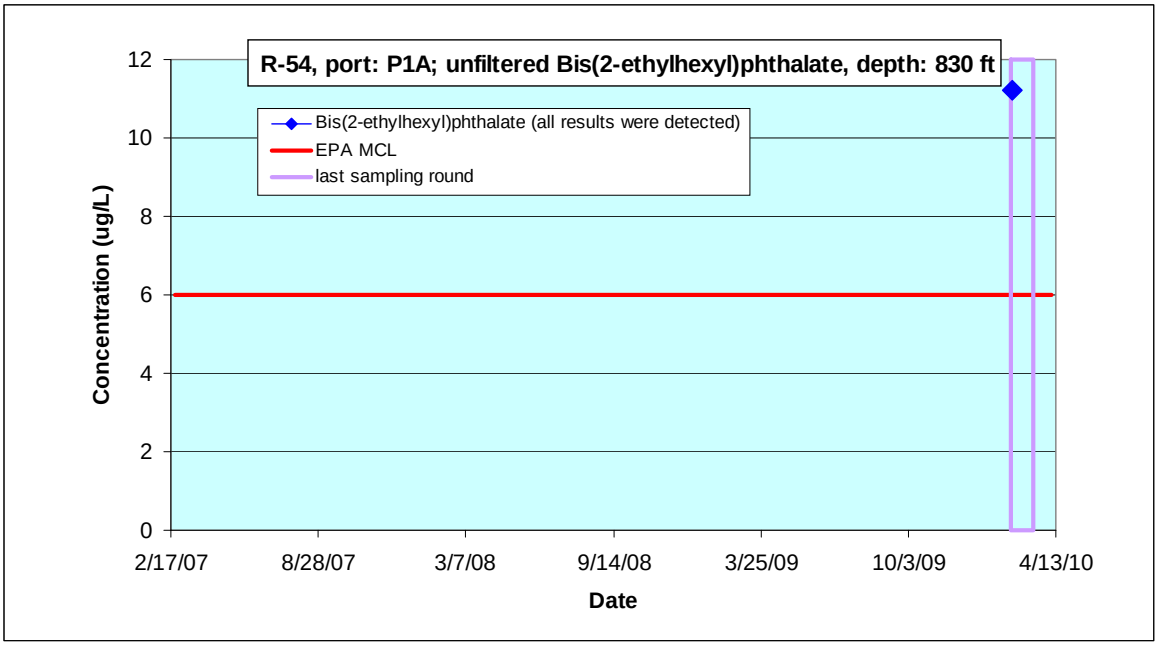

PCAO-7b2; filtered Total Dissolved Solids, depth: 10 ft
Total Dissolved Solids (all results were detected)
NM GW STD
last sampling round
Concentration (mg/L)
2500
2000
1500
1000
500
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

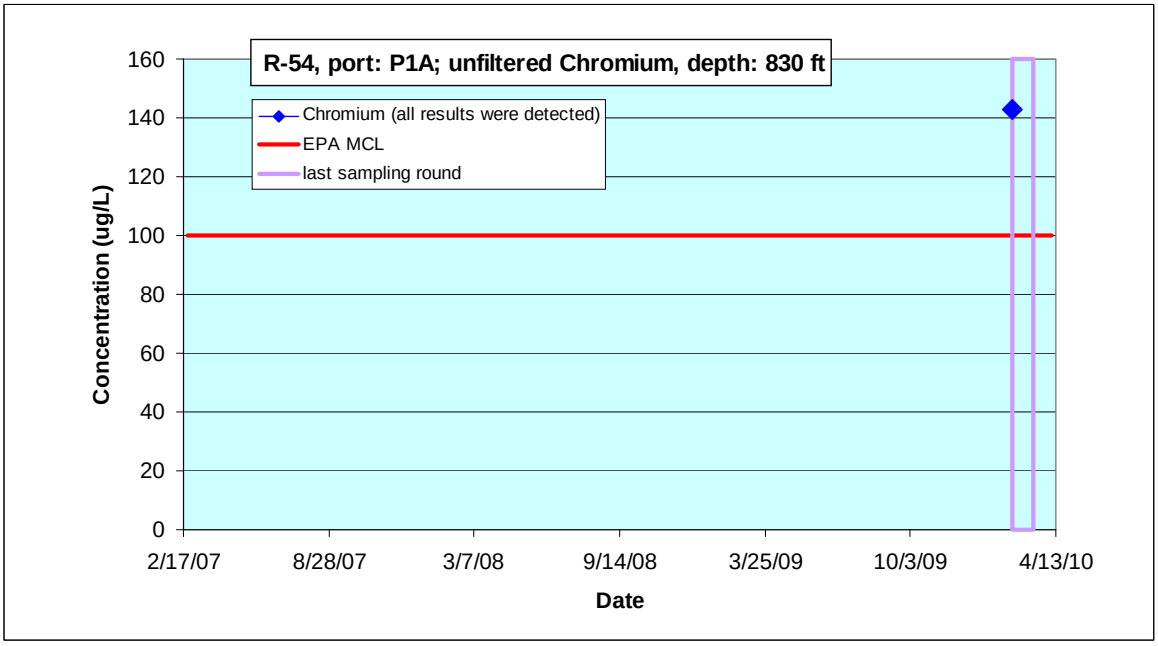

R-37, port: P1A; unfiltered Neptunium-237, depth: 929.3 ft
Neptunium-237 (detected)
Neptunium-237 (undetected)
DOE DW DCG
last sampling round
Concentration (pCi/L)
50
40
30
20
10
0
-10
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

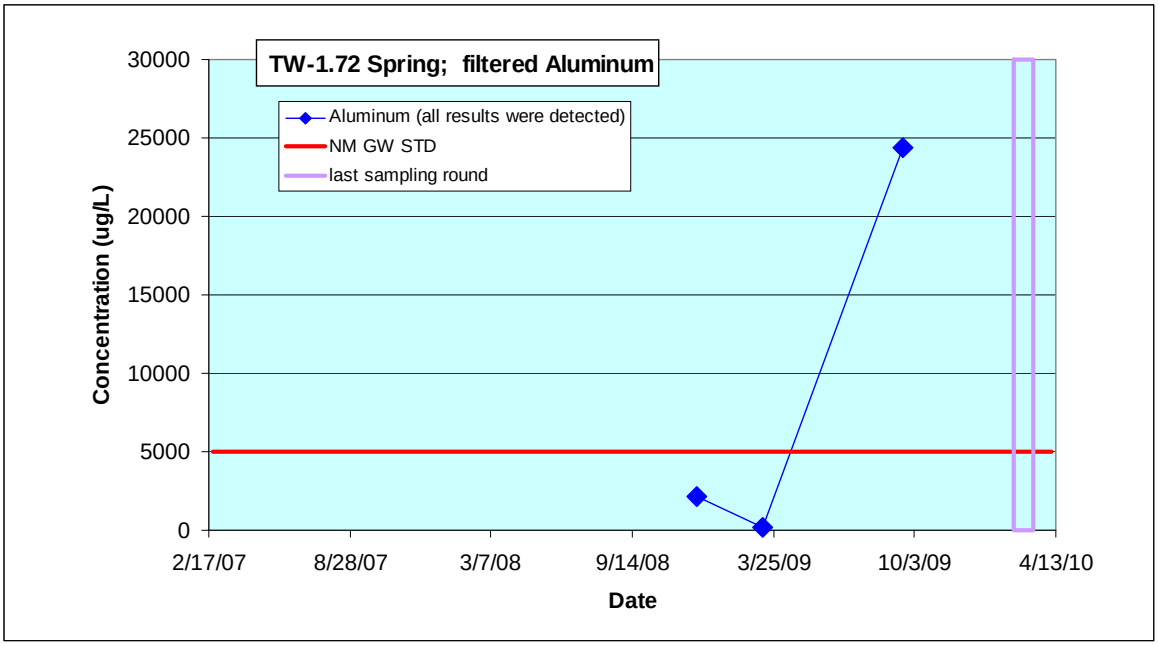

R-40, port: P1A; filtered Manganese, depth: 751.6 ft
Manganese (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

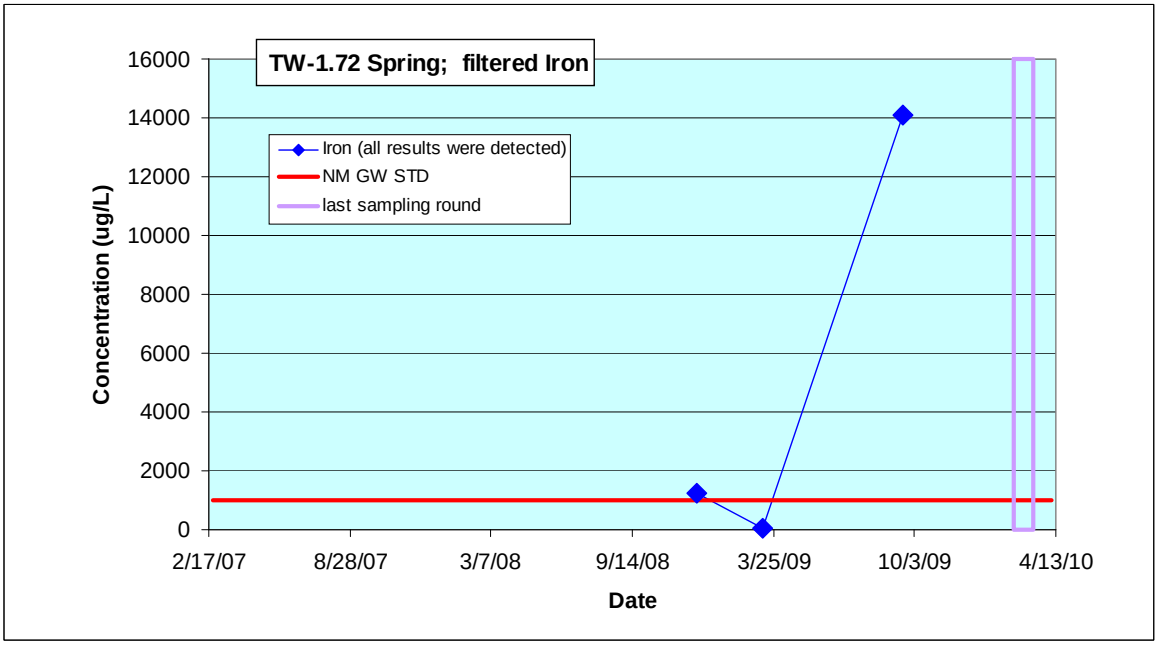

R-40, port: R-40i; filtered Iron, depth: 649.7 ft
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date

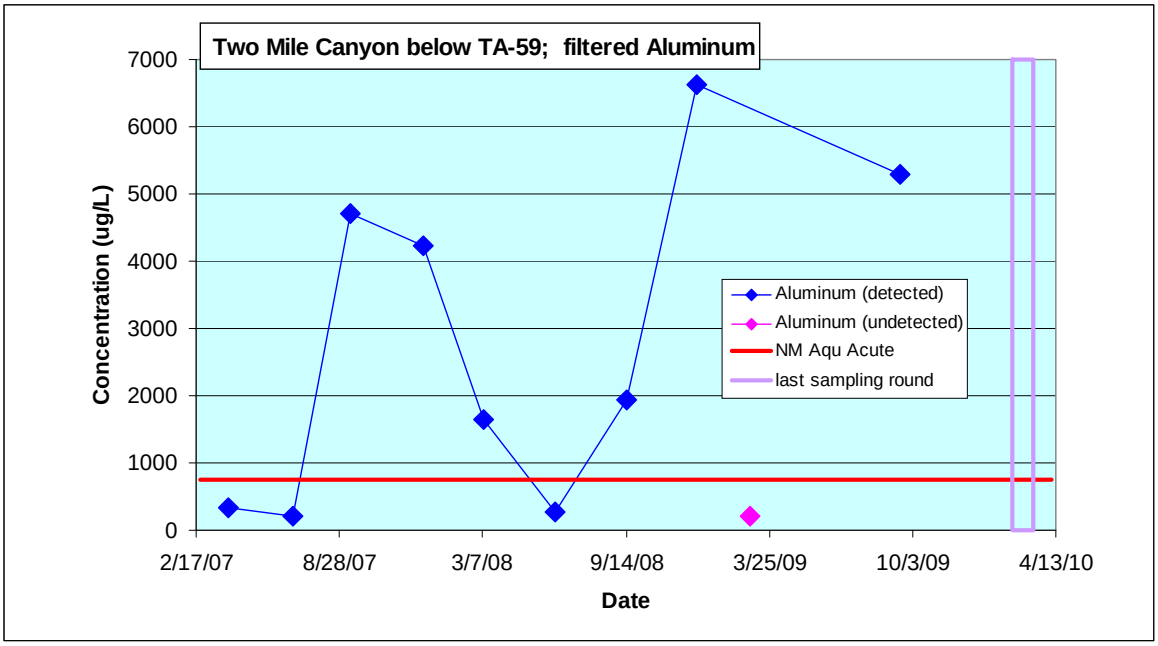

R-40, port: R-40i; filtered Manganese, depth: 649.7 ft
Manganese (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date


R-54, port: P1A; unfiltered Bis(2-ethylhexyl)phthalate, depth: 830 ft
Bis(2-ethylhexyl)phthalate (all results were detected)
EPA MCL
last sampling round
Concentration (ug/L)
0
2
4
6
8
10
12
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date


R-54, port: P1A; unfiltered Chromium, depth: 830 ft
Chromium (all results were detected)
EPA MCL
last sampling round
Concentration (ug/L)
0
20
40
60
80
100
120
140
160
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date


TW-1.72 Spring; filtered Aluminum
Aluminum (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
30000
25000
20000
15000
10000
5000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date


TW-1.72 Spring; filtered Iron
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date


Two Mile Canyon below TA-59; filtered Aluminum
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
2/17/07
8/28/07
3/7/08
9/14/08
3/25/09
10/3/09
4/13/10
Date
Aluminum (detected)
Aluminum (undetected)
NM Aqu Acute
last sampling round

Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-1884	CAPA-10-12691	HEXP[a]	STSL	02/15/10	R-54	830
10-1885	CAPA-10-12691	DIOX/FUR[b]	ALTC	02/15/10	R-54	830
10-1886	CAPA-10-12691	GENINORG[c]	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12692	GENINORG	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12691	HEXP	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12691	METALS	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12692	METALS	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12691	PEST/PCB[d]	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12691	RAD[e]	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12691	SVOA[f]	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12691	VOA[g]	GELC	02/15/10	R-54	830
10-1886	CAPA-10-12693	VOA	GELC	02/15/10	R-54	830
10-1904	CAPA-10-12691	RAD	UMTL	02/15/10	R-54	830
10-1998	CAPA-10-13095	HEXP	STSL	02/21/10	R-54	915
10-1999	CAPA-10-13095	DIOX/FUR	ALTC	02/21/10	R-54	915
10-2000	CAPA-10-13095	GENINORG	GELC	02/21/10	R-54	915
10-2000	CAPA-10-13095	HEXP	GELC	02/21/10	R-54	915
10-2000	CAPA-10-13095	PEST/PCB	GELC	02/21/10	R-54	915
10-2000	CAPA-10-13095	SVOA	GELC	02/21/10	R-54	915
10-2000	CAPA-10-13095	VOA	GELC	02/21/10	R-54	915
10-2000	CAPA-10-13096	VOA	GELC	02/21/10	R-54	915
10-2001	CAPA-10-13094	GENINORG	GELC	02/21/10	R-54	915
10-2001	CAPA-10-13095	GENINORG	GELC	02/21/10	R-54	915
10-2001	CAPA-10-13094	METALS	GELC	02/21/10	R-54	915
10-2001	CAPA-10-13095	METALS	GELC	02/21/10	R-54	915
10-2001	CAPA-10-13095	RAD	GELC	02/21/10	R-54	915
10-2003	CAPA-10-13498	HEXP	STSL	02/22/10	R-51	1030.96
10-2004	CAPA-10-13498	DIOX/FUR	ALTC	02/22/10	R-51	1030.96
10-2005	CAPA-10-13498	GENINORG	GELC	02/22/10	R-51	1030.96
10-2005	CAPA-10-13498	HEXP	GELC	02/22/10	R-51	1030.96
10-2005	CAPA-10-13498	PEST/PCB	GELC	02/22/10	R-51	1030.96
10-2005	CAPA-10-13498	SVOA	GELC	02/22/10	R-51	1030.96
10-2005	CAPA-10-13498	VOA	GELC	02/22/10	R-51	1030.96
10-2005	CAPA-10-13499	VOA	GELC	02/22/10	R-51	1030.96
10-2006	CAPA-10-13497	GENINORG	GELC	02/22/10	R-51	1030.96
10-2006	CAPA-10-13498	GENINORG	GELC	02/22/10	R-51	1030.96
10-2006	CAPA-10-13497	METALS	GELC	02/22/10	R-51	1030.96
10-2006	CAPA-10-13498	METALS	GELC	02/22/10	R-51	1030.96

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2006	CAPA-10-13498	RAD	GELC	02/22/10	R-51	1030.96
10-2037	CAPA-10-12917	DIOX/FUR	ALTC	02/23/10	R-40	849.3
10-2038	CAPA-10-12917	HEXP	STSL	02/23/10	R-40	849.3
10-2039	CAPA-10-12917	GENINORG	GELC	02/23/10	R-40	849.3
10-2039	CAPA-10-12917	HEXP	GELC	02/23/10	R-40	849.3
10-2039	CAPA-10-12917	PEST/PCB	GELC	02/23/10	R-40	849.3
10-2039	CAPA-10-12915	SVOA	GELC	02/23/10	R-40	849.3
10-2039	CAPA-10-12917	SVOA	GELC	02/23/10	R-40	849.3
10-2039	CAPA-10-12915	VOA	GELC	02/23/10	R-40	849.3
10-2039	CAPA-10-12917	VOA	GELC	02/23/10	R-40	849.3
10-2039	CAPA-10-12918	VOA	GELC	02/23/10	R-40	849.3
10-2040	CAPA-10-12916	GENINORG	GELC	02/23/10	R-40	849.3
10-2040	CAPA-10-12917	GENINORG	GELC	02/23/10	R-40	849.3
10-2040	CAPA-10-12916	METALS	GELC	02/23/10	R-40	849.3
10-2040	CAPA-10-12917	METALS	GELC	02/23/10	R-40	849.3
10-2040	CAPA-10-12917	RAD	GELC	02/23/10	R-40	849.3
10-2041	CAPA-10-12771	RAD	UMTL	02/22/10	18-BG-1	10
10-2041	CAPA-10-12871	RAD	UMTL	02/23/10	PCAO-7a	9.7
10-2041	CAPA-10-12873	RAD	UMTL	02/23/10	PCAO-7a	9.7
10-2041	CAPA-10-12917	RAD	UMTL	02/23/10	R-40	849.3
10-2041	CAPA-10-13083	RAD	UMTL	02/23/10	R-40	751.6
10-2041	CAPA-10-13085	RAD	UMTL	02/23/10	R-40	751.6
10-2043	CAPA-10-12871	HEXP	STSL	02/23/10	PCAO-7a	9.7
10-2043	CAPA-10-12873	HEXP	STSL	02/23/10	PCAO-7a	9.7
10-2044	CAPA-10-12871	DIOX/FUR	ALTC	02/23/10	PCAO-7a	9.7
10-2044	CAPA-10-12873	DIOX/FUR	ALTC	02/23/10	PCAO-7a	9.7
10-2044	CAPA-10-12875	DIOX/FUR	ALTC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12871	GENINORG	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12873	GENINORG	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12871	HEXP	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12873	HEXP	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12871	PEST/PCB	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12873	PEST/PCB	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12875	PEST/PCB	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12871	SVOA	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12873	SVOA	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12875	SVOA	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12870	VOA	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12871	VOA	GELC	02/23/10	PCAO-7a	9.7

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2045	CAPA-10-12873	VOA	GELC	02/23/10	PCAO-7a	9.7
10-2045	CAPA-10-12875	VOA	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12871	GENINORG	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12872	GENINORG	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12873	GENINORG	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12874	GENINORG	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12871	METALS	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12872	METALS	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12873	METALS	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12874	METALS	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12871	RAD	GELC	02/23/10	PCAO-7a	9.7
10-2046	CAPA-10-12873	RAD	GELC	02/23/10	PCAO-7a	9.7
10-2054	CAPA-10-12771	HEXP	STSL	02/22/10	18-BG-1	10
10-2054	CAPA-10-13085	HEXP	STSL	02/23/10	R-40	751.6
10-2055	CAPA-10-13085	DIOX/FUR	ALTC	02/23/10	R-40	751.6
10-2056	CAPA-10-13085	PCB_CONG[h]	GELC	02/23/10	R-40	751.6
10-2056	CAPA-10-13320	PCB_CONG	GELC	02/23/10	R-40	751.6
10-2056	CAPA-10-13085	PEST/PCB	GELC	02/23/10	R-40	751.6
10-2056	CAPA-10-13320	PEST/PCB	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-12771	GENINORG	GELC	02/22/10	18-BG-1	10
10-2057	CAPA-10-13085	GENINORG	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-13320	GENINORG	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-12771	HEXP	GELC	02/22/10	18-BG-1	10
10-2057	CAPA-10-13083	HEXP	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-13085	HEXP	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-12771	PEST/PCB	GELC	02/22/10	18-BG-1	10
10-2057	CAPA-10-13085	PEST/PCB	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-13320	PEST/PCB	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-12771	SVOA	GELC	02/22/10	18-BG-1	10
10-2057	CAPA-10-12773	SVOA	GELC	02/22/10	18-BG-1	10
10-2057	CAPA-10-13085	SVOA	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-13320	SVOA	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-12771	VOA	GELC	02/22/10	18-BG-1	10
10-2057	CAPA-10-12772	VOA	GELC	02/22/10	18-BG-1	10
10-2057	CAPA-10-12773	VOA	GELC	02/202/10	18-BG-1	10
10-2057	CAPA-10-13080	VOA	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-13085	VOA	GELC	02/23/10	R-40	751.6
10-2057	CAPA-10-13320	VOA	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-12770	GENINORG	GELC	02/22/10	18-BG-1	10
10-2058	CAPA-10-12771	GENINORG	GELC	02/22/10	18-BG-1	10

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2058	CAPA-10-13082	GENINORG	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-13083	GENINORG	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-13085	GENINORG	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-13320	GENINORG	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-12770	METALS	GELC	02/22/10	18-BG-1	10
10-2058	CAPA-10-12771	METALS	GELC	02/22/10	18-BG-1	10
10-2058	CAPA-10-13082	METALS	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-13083	METALS	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-13085	METALS	GELC	02/23/10	R-40	751.6
10-2058	CAPA-10-13320	METALS	GELC	02/23/10	R-40	751.6
10-2059	CAPA-10-12771	RAD	GELC	02/22/10	18-BG-1	10
10-2059	CAPA-10-13083	RAD	GELC	02/23/10	R-40	751.6
10-2059	CAPA-10-13085	RAD	GELC	02/23/10	R-40	751.6
10-2060	CAPA-10-13498	RAD	UMTL	02/22/10	R-51	1030.96
10-2061	CAPA-10-13095	RAD	UMTL	02/21/10	R-54	915
10-2101	CAPA-10-12847	HEXP	GELC	02/24/10	PCAO-7b2	10
10-2101	CAPA-10-12867	HEXP	GELC	02/24/10	PCAO-5	14.7
10-2101	CAPA-10-12846	VOA	GELC	02/24/10	PCAO-7b2	10
10-2101	CAPA-10-12847	VOA	GELC	02/24/10	PCAO-7b2	10
10-2101	CAPA-10-12866	VOA	GELC	02/24/10	PCAO-5	14.7
10-2101	CAPA-10-12867	VOA	GELC	02/24/10	PCAO-5	14.7
10-2101	CAPA-10-12868	VOA	GELC	02/24/10	PCAO-5	14.7
10-2110	CAPA-10-12823	GENINORG	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12825	GENINORG	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12822	SVOA	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12823	SVOA	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12825	SVOA	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12821	VOA	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12822	VOA	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12823	VOA	GELC	02/24/10	R-20	1147.1
10-2110	CAPA-10-12825	VOA	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12820	GENINORG	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12823	GENINORG	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12824	GENINORG	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12825	GENINORG	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12820	METALS	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12823	METALS	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12824	METALS	GELC	02/24/10	R-20	1147.1
10-2111	CAPA-10-12825	METALS	GELC	02/24/10	R-20	1147.1
10-2172	CAPA-10-12913	HEXP	STSL	02/26/10	R-39	859

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2172	CAPA-10-12919	HEXP	STSL	02/26/10	R-41	965.3
10-2173	CAPA-10-12913	DIOX/FUR	ALTC	02/26/10	R-39	859
10-2175	CAPA-10-12913	GENINORG	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12919	GENINORG	GELC	02/26/10	R-41	965.3
10-2175	CAPA-10-12913	HEXP	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12919	HEXP	GELC	02/26/10	R-41	965.3
10-2175	CAPA-10-12913	PEST/PCB	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12919	PEST/PCB	GELC	02/26/10	R-41	965.3
10-2175	CAPA-10-12913	SVOA	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12914	SVOA	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12919	SVOA	GELC	02/26/10	R-41	965.3
10-2175	CAPA-10-12921	SVOA	GELC	02/26/10	R-41	965.3
10-2175	CAPA-10-12912	VOA	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12913	VOA	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12914	VOA	GELC	02/26/10	R-39	859
10-2175	CAPA-10-12919	VOA	GELC	02/26/10	R-41	965.3
10-2175	CAPA-10-12920	VOA	GELC	02/26/10	R-41	965.3
10-2175	CAPA-10-12921	VOA	GELC	02/26/10	R-41	965.3
10-2176	CAPA-10-12911	GENINORG	GELC	02/26/10	R-39	859
10-2176	CAPA-10-12913	GENINORG	GELC	02/26/10	R-39	859
10-2176	CAPA-10-12919	GENINORG	GELC	02/26/10	R-41	965.3
10-2176	CAPA-10-12922	GENINORG	GELC	02/26/10	R-41	965.3
10-2176	CAPA-10-12911	METALS	GELC	02/26/10	R-39	859
10-2176	CAPA-10-12913	METALS	GELC	02/26/10	R-39	859
10-2176	CAPA-10-12919	METALS	GELC	02/26/10	R-41	965.3
10-2176	CAPA-10-12922	METALS	GELC	02/26/10	R-41	965.3
10-2176	CAPA-10-12913	RAD	GELC	02/26/10	R-39	859
10-2176	CAPA-10-12919	RAD	GELC	02/26/10	R-41	965.3
10-2182	CAPA-10-12794	HEXP	STSL	02/25/10	R-19	909.3
10-2182	CAPA-10-12810	HEXP	STSL	02/26/10	R-19	1190.7
10-2182	CAPA-10-12812	HEXP	STSL	02/26/10	R-19	1412.9
10-2183	CAPA-10-12794	GENINORG	GELC	02/25/10	R-19	909.3
10-2183	CAPA-10-12810	GENINORG	GELC	02/26/10	R-19	1190.7
10-2183	CAPA-10-12812	GENINORG	GELC	02/26/10	R-19	1412.9
10-2183	CAPA-10-12794	HEXP	GELC	02/25/10	R-19	909.3
10-2183	CAPA-10-12810	HEXP	GELC	02/26/10	R-19	1190.7
10-2183	CAPA-10-12812	HEXP	GELC	02/26/10	R-19	1412.9
10-2183	CAPA-10-12794	VOA	GELC	02/25/10	R-19	909.3
10-2183	CAPA-10-12795	VOA	GELC	02/25/10	R-19	909.3
10-2183	CAPA-10-12808	VOA	GELC	02/26/10	R-19	1190.7

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2183	CAPA-10-12810	VOA	GELC	02/26/10	R-19	1190.7
10-2183	CAPA-10-12812	VOA	GELC	02/26/10	R-19	1412.9
10-2183	CAPA-10-12813	VOA	GELC	02/26/10	R-19	1412.9
10-2183	CAPA-10-12815	VOA	GELC	02/26/10	R-19	1412.9
10-2183	CAPA-10-13135	VOA	GELC	02/25/10	R-19	909.3
10-2218	CAPA-10-12788	HEXP	STSL	03/01/10	03-B-13	21.5
10-2218	CAPA-10-12791	HEXP	STSL	03/01/10	03-B-13	21.5
10-2223	CAPA-10-12892	HEXP	STSL	03/01/10	PCI-2	512
10-2224	CAPA-10-12892	DIOX/FUR	ALTC	03/01/10	PCI-2	512
10-2225	CAPA-10-12892	GENINORG	GELC	03/01/10	PCI-2	512
10-2225	CAPA-10-12892	HEXP	GELC	03/01/10	PCI-2	512
10-2225	CAPA-10-12892	PEST/PCB	GELC	03/01/10	PCI-2	512
10-2225	CAPA-10-12892	SVOA	GELC	03/01/10	PCI-2	512
10-2225	CAPA-10-12893	SVOA	GELC	03/01/10	PCI-2	512
10-2225	CAPA-10-12891	VOA	GELC	03/01/10	PCI-2	512
10-2225	CAPA-10-12892	VOA	GELC	03/01/10	PCI-2	512
10-2225	CAPA-10-12893	VOA	GELC	03/01/10	PCI-2	512
10-2246	CAPA-10-12855	HEXP	STSL	03/02/10	R-37	929.3
10-2246	CAPA-10-12876	HEXP	STSL	03/02/10	PCAO-7c	9.7
10-2246	CAPA-10-12880	HEXP	STSL	03/02/10	PCAO-7c	9.7
10-2247	CAPA-10-12855	DIOX/FUR	ALTC	03/02/10	R-37	929.3
10-2247	CAPA-10-12876	DIOX/FUR	ALTC	03/02/10	PCAO-7c	9.7
10-2247	CAPA-10-12880	DIOX/FUR	ALTC	03/02/10	PCAO-7c	9.7
10-2247	CAPA-10-12881	DIOX/FUR	ALTC	03/02/10	PCAO-7c	9.7
10-2250	CAPA-10-12855	RAD	GELC	03/02/10	R-37	929.3
10-2250	CAPA-10-12876	RAD	GELC	03/02/10	PCAO-7c	9.7
10-2250	CAPA-10-12880	RAD	GELC	03/02/10	PCAO-7c	9.7
10-2251	CAPA-10-12794	RAD	UMTL	02/25/10	R-19	909.3
10-2251	CAPA-10-12823	RAD	UMTL	02/24/10	R-20	1147.1
10-2251	CAPA-10-12825	RAD	UMTL	02/24/10	R-20	1147.1
10-2251	CAPA-10-12855	RAD	UMTL	03/02/10	R-37	929.3
10-2251	CAPA-10-12876	RAD	UMTL	03/02/10	PCAO-7c	9.7
10-2251	CAPA-10-12880	RAD	UMTL	03/02/10	PCAO-7c	9.7
10-2251	CAPA-10-12892	RAD	UMTL	03/01/10	PCI-2	512
10-2251	CAPA-10-12913	RAD	UMTL	02/26/10	R-39	859
10-2251	CAPA-10-12919	RAD	UMTL	02/26/10	R-41	965.3
10-2272	CAPA-10-12851	DIOX/FUR	ALTC	03/03/10	R-40	649.7
10-2273	CAPA-10-12851	HEXP	STSL	03/03/10	R-40	649.7
10-2274	CAPA-10-12851	RAD	UMTL	03/03/10	R-40	649.7

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2292	CAPA-10-12903	HEXP	STSL	03/03/10	R-49	845
10-2292	CAPA-10-13073	HEXP	STSL	03/03/10	R-37	1026
10-2293	CAPA-10-12903	DIOX/FUR	ALTC	03/03/10	R-49	845
10-2293	CAPA-10-13073	DIOX/FUR	ALTC	03/03/10	R-37	1026
10-2296	CAPA-10-12903	RAD	GELC	03/03/10	R-49	845
10-2296	CAPA-10-13073	RAD	GELC	03/03/10	R-37	1026
10-2317	CAPA-10-12842	GENINORG	GELC	03/03/10	R-19	1730.1
10-2333	CAPA-10-12909	HEXP	STSL	03/05/10	R-49	905.6
10-2334	CAPA-10-12909	DIOX/FUR	ALTC	03/05/10	R-49	905.6
10-2335	CAPA-10-12833	GENINORG	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12834	GENINORG	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12909	GENINORG	GELC	03/05/10	R-49	905.6
10-2335	CAPA-10-12833	HEXP	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12909	HEXP	GELC	03/05/10	R-49	905.6
10-2335	CAPA-10-12833	PEST/PCB	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12909	PEST/PCB	GELC	03/05/10	R-49	905.6
10-2335	CAPA-10-12830	SVOA	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12833	SVOA	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12834	SVOA	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12909	SVOA	GELC	03/05/10	R-49	905.6
10-2335	CAPA-10-12910	SVOA	GELC	03/05/10	R-49	905.6
10-2335	CAPA-10-12830	VOA	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12832	VOA	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12833	VOA	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12834	VOA	GELC	03/05/10	R-23	816
10-2335	CAPA-10-12908	VOA	GELC	03/05/10	R-49	905.6
10-2335	CAPA-10-12909	VOA	GELC	03/05/10	R-49	905.6
10-2335	CAPA-10-12910	VOA	GELC	03/05/10	R-49	905.6
10-2342	CAPA-10-12841	GENINORG	GELC	03/05/10	R-19	1586.1
10-2342	CAPA-10-12844	GENINORG	GELC	03/05/10	R-19	1834.7
10-2363	CAPA-10-13494	HEXP	STSL	03/08/10	R-51	914.96
10-2364	CAPA-10-13494	DIOX/FUR	ALTC	03/08/10	R-51	914.96
10-2373	CAPA-10-12798	HEXP	STSL	03/08/10	R-17	1057
10-2373	CAPA-10-12801	HEXP	STSL	03/08/10	R-17	1124
10-2374	CAPA-10-12798	GENINORG	GELC	03/08/10	R-17	1057
10-2374	CAPA-10-12801	GENINORG	GELC	03/08/10	R-17	1124
10-2374	CAPA-10-12798	HEXP	GELC	03/08/10	R-17	1057
10-2374	CAPA-10-12801	HEXP	GELC	03/08/10	R-17	1124
10-2374	CAPA-10-12798	PEST/PCB	GELC	03/08/10	R-17	1057
10-2374	CAPA-10-12801	PEST/PCB	GELC	03/08/10	R-17	1124
10-2374	CAPA-10-12798	SVOA	GELC	03/08/10	R-17	1057

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2374	CAPA-10-12799	SVOA	GELC	03/08/10	R-17	1057
10-2374	CAPA-10-12801	SVOA	GELC	03/08/10	R-17	1124
10-2374	CAPA-10-12803	SVOA	GELC	03/08/10	R-17	1124
10-2374	CAPA-10-12796	VOA	GELC	03/08/10	R-17	1057
10-2374	CAPA-10-12798	VOA	GELC	03/08/10	R-17	1057
10-2374	CAPA-10-12799	VOA	GELC	03/08/10	R-17	1057
10-2374	CAPA-10-12801	VOA	GELC	03/08/10	R-17	1124
10-2374	CAPA-10-12802	VOA	GELC	03/08/10	R-17	1124
10-2374	CAPA-10-12803	VOA	GELC	03/08/10	R-17	1124
10-2375	CAPA-10-12797	GENINORG	GELC	03/08/10	R-17	1057
10-2375	CAPA-10-12798	GENINORG	GELC	03/08/10	R-17	1057
10-2375	CAPA-10-12800	GENINORG	GELC	03/08/10	R-17	1124
10-2375	CAPA-10-12801	GENINORG	GELC	03/08/10	R-17	1124
10-2375	CAPA-10-12797	METALS	GELC	03/08/10	R-17	1057
10-2375	CAPA-10-12798	METALS	GELC	03/08/10	R-17	1057
10-2375	CAPA-10-12800	METALS	GELC	03/08/10	R-17	1124
10-2375	CAPA-10-12801	METALS	GELC	03/08/10	R-17	1124
10-2375	CAPA-10-12798	RAD	GELC	03/08/10	R-17	1057
10-2375	CAPA-10-12801	RAD	GELC	03/08/10	R-17	1124
10-2377	CAPA-10-12853	DIOX/FUR	ALTC	03/08/10	R-23i	524
10-2378	CAPA-10-12853	HEXP	STSL	03/08/10	R-23i	524
10-2383	CAPA-10-12798	RAD	UMTL	03/08/10	R-17	1057
10-2383	CAPA-10-12801	RAD	UMTL	03/08/10	R-17	1124
10-2383	CAPA-10-12833	RAD	UMTL	03/05/10	R-23	816
10-2383	CAPA-10-12834	RAD	UMTL	03/05/10	R-23	816
10-2383	CAPA-10-12853	RAD	UMTL	03/08/10	R-23i	524
10-2383	CAPA-10-12903	RAD	UMTL	03/03/10	R-49	845
10-2383	CAPA-10-12909	RAD	UMTL	03/05/10	R-49	905.6
10-2383	CAPA-10-13073	RAD	UMTL	03/03/10	R-37	1026
10-2384	CAPA-10-13494	RAD	UMTL	03/08/10	R-51	914.96
10-2392	CAPA-10-12837	HEXP	GELC	03/09/10	R-32	867.5
10-2392	CAPA-10-12899	HEXP	GELC	03/09/10	R-23i	470.2
10-2392	CAPA-10-12837	PEST/PCB	GELC	03/09/10	R-32	867.5
10-2392	CAPA-10-12899	PEST/PCB	GELC	03/09/10	R-23i	470.2
10-2392	CAPA-10-12836	SVOA	GELC	03/09/10	R-32	867.5
10-2392	CAPA-10-12837	SVOA	GELC	03/09/10	R-32	867.5
10-2392	CAPA-10-12899	SVOA	GELC	03/09/10	R-23i	470.2
10-2392	CAPA-10-12902	SVOA	GELC	03/09/10	R-23i	470.2
10-2392	CAPA-10-12836	VOA	GELC	03/09/10	R-32	867.5
10-2392	CAPA-10-12837	VOA	GELC	03/09/10	R-32	867.5
10-2392	CAPA-10-12838	VOA	GELC	03/09/10	R-32	867.5

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2392	CAPA-10-12899	VOA	GELC	03/09/10	R-23i	470.2
10-2392	CAPA-10-12901	VOA	GELC	03/09/10	R-23i	470.2
10-2392	CAPA-10-12902	VOA	GELC	03/09/10	R-23i	470.2
10-2393	CAPA-10-12837	GENINORG	GELC	03/09/10	R-32	867.5
10-2393	CAPA-10-12839	GENINORG	GELC	03/09/10	R-32	867.5
10-2393	CAPA-10-12899	GENINORG	GELC	03/09/10	R-23i	470.2
10-2393	CAPA-10-12900	GENINORG	GELC	03/09/10	R-23i	470.2
10-2393	CAPA-10-12837	METALS	GELC	03/09/10	R-32	867.5
10-2393	CAPA-10-12839	METALS	GELC	03/09/10	R-32	867.5
10-2393	CAPA-10-12899	METALS	GELC	03/09/10	R-23i	470.2
10-2393	CAPA-10-12900	METALS	GELC	03/09/10	R-23i	470.2
10-2393	CAPA-10-12837	RAD	GELC	03/09/10	R-32	867.5
10-2393	CAPA-10-12899	RAD	GELC	03/09/10	R-23i	470.2
10-2402	CAPA-10-12894	GENINORG	GELC	03/10/10	R-23i	400.3
10-2402	CAPA-10-12895	GENINORG	GELC	03/10/10	R-23i	400.3
10-2402	CAPA-10-12894	METALS	GELC	03/10/10	R-23i	400.3
10-2402	CAPA-10-12895	METALS	GELC	03/10/10	R-23i	400.3
10-2402	CAPA-10-12894	RAD	GELC	03/10/10	R-23i	400.3
10-2403	CAPA-10-12894	DIOX/FUR	ALTC	03/10/10	R-23i	400.3
10-2403	CAPA-10-12898	DIOX/FUR	ALTC	03/10/10	R-23i	400.3
10-2403	CAPA-10-12899	DIOX/FUR	ALTC	03/09/10	R-23i	470.2
10-2404	CAPA-10-12894	HEXP	STSL	03/10/10	R-23i	400.3
10-2404	CAPA-10-12899	HEXP	STSL	03/09/10	R-23i	470.2
10-2411	CAPA-10-12694	HEXP	STSL	03/10/10	Pajarito below confluences of South and North Anchor East Basin	n/a[j]
10-2411	CAPA-10-12705	HEXP	STSL	03/10/10	Bulldog Spring	n/a
10-2411	CAPA-10-12706	HEXP	STSL	03/10/10	Kieling Spring	n/a
10-2411	CAPA-10-12707	HEXP	STSL	03/10/10	Kieling Spring	n/a
10-2423	CAPA-10-12807	HEXP	STSL	03/11/10	R-18	1358
10-2443	CAPA-10-13087	HEXP	STSL	03/12/10	R-38	821.2
10-2444	CAPA-10-13087	DIOX/FUR	ALTC	03/12/10	R-38	821.2
10-2445	CAPA-10-12829	GENINORG	GELC	03/12/10	R-21	888.8
10-2445	CAPA-10-13087	GENINORG	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-13087	HERB[i]	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-12829	HEXP	GELC	03/12/10	R-21	888.8
10-2445	CAPA-10-13087	HEXP	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-12829	PEST/PCB	GELC	03/12/10	R-21	888.8
10-2445	CAPA-10-13087	PEST/PCB	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-12828	SVOA	GELC	03/12/10	R-21	888.8

Request	Sample	Suite	Lab	Date	Location	Port Depth (ft)
10-2445	CAPA-10-12829	SVOA	GELC	03/12/10	R-21	888.8
10-2445	CAPA-10-13086	SVOA	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-13087	SVOA	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-12827	VOA	GELC	03/12/10	R-21	888.8
10-2445	CAPA-10-12828	VOA	GELC	03/12/10	R-21	888.8
10-2445	CAPA-10-12829	VOA	GELC	03/12/10	R-21	888.8
10-2445	CAPA-10-13086	VOA	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-13087	VOA	GELC	03/12/10	R-38	821.2
10-2445	CAPA-10-13088	VOA	GELC	03/12/10	R-38	821.2

[a] HEXP = High explosives.

[b] DIOX/FUR = Dioxins and furans.

[c] GENINORG = General inorganics.

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

[e] RAD = Radionuclides.

[f] SVOA = Semivolatile organic analysis.

[g] VOA = Volatile organic analysis.

[h] PCB_CONG = PCB congener.

[i] HERB = Herbicides.

[j] n/a = Not applicable.