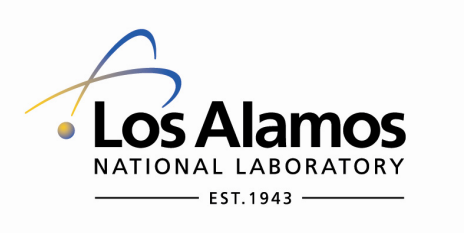
ERID-208317

LA-UR-11-6347
November 2011
EP2011-0364

Periodic Monitoring Report for Pajarito Watershed, April 18–May 11, 2011



Prepared by the Environmental Programs Directorate

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EP2011-0364

Periodic Monitoring Report for Pajarito Watershed, April 18–May 11, 2011

November 2011

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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 2010 Interim Facility-Wide Groundwater Monitoring Plan, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from April 18 to May 11, 2011, and included monitoring of groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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

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

No groundwater results from previous PME samples reported in this PMR were above screening levels. Four results from groundwater samples collected during this PME were above screening levels.

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Acronyms and Abbreviations

AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
cfs	cubic feet per second
Consent Order	Compliance Order on Consent
DCG	Derived Concentration Guide (DOE)
DOE	Department of Energy (U.S.)
DW	drinking water
EPA	Environmental Protection Agency (U.S.)
F	filtered
GW	groundwater
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LVL	level
MCL	maximum contaminant level (EPA)
MCPA	methyl-4-chlorophenoxyacetic(2-) acid
MCPP	2-(4-chloro-2-methylphenoxy)propanoic acid
MDA	material disposal area
MDL	method detection limit
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity unit(s)
PME	periodic monitoring event
PMR	periodic monitoring report
PQL	practical quantitation limit
QC	quality control
RPF	Records Processing Facility
SCRN	screening
SOP	standard operating procedure
STD	standard
SU	standard unit
TA	technical area
UF	unfiltered

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 2010, 109830) prepared in accordance with the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from April 18 to May 11, 2011, and included sampling at groundwater wells or well ports, springs, and base-flow stations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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

This report presents the following information:

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

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

1.1 Background

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 2010 IFGMP (LANL 2010, 109830).

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

3.0 MONITORING RESULTS

3.1 Methods and Procedures

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

3.2 Field Parameter Results

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

3.3 Water-Level Observations

The periodic monitoring water-level data for this event and the previous four monitoring events are presented in Appendix B (on CD included with this document). For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements are reported at the time immediately before sampling. The water-level measurements taken during these PMEs are shown graphically 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 fieldwork deviations from the planned scope of the PMEs. Table 3.4-2 presents a list of analytes for which the practical quantitation limits (PQLs) are greater than screening levels.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PMEs are documented in the 2010 IFGMP (LANL 2010, 109830). Purge water is managed and characterized in accordance with waste profile form 39268, a copy of which was included in Appendix F of a previous PMR (LANL 2008, 103737), and ENV-RCRA-QP-010.2, Land Application of Groundwater. ENV-RCRA-QP-010.2 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling purge water.

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

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

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

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation by an independent contractor, Analytical Quality Associates, Inc. (AQA). AQA's reviews follow the guidelines set in the DOE model SOP for data validation, which includes reviewing the data quality and the documentation's correctness and completeness, verifying that holding times were met, and ensuring that analytical laboratory QC measures were applied, documented, and kept within contract requirements. As a result of secondary validation, a second set of qualifiers was assigned to the analytical results.

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

4.2 Analytical Data

Appendix C presents the analytical data from this PME and from the four sampling events immediately before the April–May 2011 sampling event. The analytical laboratory reports (including chain-of-custody forms and data validation) are provided in Appendix F (on DVD included with this document).

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

- All data
    - ❖ Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered unusable but are still reported.
    - ❖ Analytical laboratory QC results, including matrix spike and matrix spike duplicates, are not included in the data set.
    - ❖ Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and results from different analytical methods are reported.
- Radionuclides
    - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
    - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
    - ❖ Low-detection-limit tritium results greater than 3 times the 1 standard deviation total propagated analytical uncertainty are considered to be detections.
    - ❖ Otherwise, all results are reported at all locations.
- Nonradionuclides
    - ❖ All results, excluding nondetections, are reported.

The results of data screening for this PMR appear in Tables D-1 through D-7 in Appendix D. These tables show all detected analytical results for perchlorate, radionuclides, and organic compounds and all analytical results greater than half the lowest applicable screening-level values for metals and general inorganic compounds. Because uranium, gross alpha, and gross beta are usually detected in water samples and to focus on the higher measurements, the tables include only occurrences of these measurements above threshold values. (All of the detected results are included in Appendix C.) The threshold levels are 5 µg/L for uranium, 5 pCi/L for gross alpha, and 20 pCi/L for gross beta, which are lower than the respective screening levels (30 µg/L for uranium, 15 pCi/L for gross alpha, and 50 pCi/L for gross beta). The sources of screening levels with which the results are compared are listed in Table 4.2-1.

Data for PMRs are evaluated using the following screening process.

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral (Table 4.2-2). Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 through 2010 at each location (Table 4.2-2). Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code 6.4.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.

- Other groundwater data are screened to the lesser of the EPA MCL or the NMWQCC groundwater standard for an analyte.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.
- As required by the Consent Order, EPA Regional Screening Levels for Tap Water (formerly Region 6 Screening Levels for Tap Water) are used for constituents that have no other regulatory standard and for which toxicological information is published. These screening levels are for either a cancer- or noncancer-risk type. For the cancer-risk type, the EPA screening levels are for 10^{-6} excess cancer risk. The Consent Order specifies screening with these values at a 10^{-5} (rather than 10^{-6}) excess cancer risk. Therefore, the screening levels in the tables are 10 times the EPA 10^{-6} screening values.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Guides (DCGs) for groundwater.

Table 4.2-3 provides groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above screening levels. Multiple detections of a particular constituent at a location were counted as one result. For example, if aluminum is detected above a screening level in both a primary sample and a field duplicate, only the highest result is shown.

Graphs in Appendix E display concentration histories of analytes for locations where the analyte was above its screening level at least once during the three most recent PMEs. The concentration of the analyte is plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels.

There is no exceedance map for the current PME because there were no analytes for which concentrations exceeded their screening level at more than one sampling location.

4.2.1 Surface Water (Base Flow)

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

4.2.2 Groundwater

No results from previous PME groundwater samples reported in this PMR were above screening levels.

For the current PME, at intermediate well 03-B-13, the filtered iron concentration of 2890 µg/L was above the 1000 µg/L NMWQCC groundwater standard screening level (applicable to domestic water supply). Past filtered iron concentrations from sampling events that began in 2006 range from 94.7 µg/L to 21,300 µg/L.

The unfiltered dioxane[1,4-] concentration of 417 µg/L at intermediate well 03-B-13 was above the 6.7 µg/L EPA tap water screening level. Past concentrations from sampling events since 2006 range from 10.2 µg/L to 919 µg/L. The unfiltered trichloroethane[1,1,1-] concentration of 210 µg/L at 03-B-13 was above the 60 µg/L NMWQCC groundwater standard screening level. Past concentrations range from 39.9 µg/L to 317 µg/L.

The filtered manganese result at intermediate well R-55i of 621 µg/L was above the 200 µg/L NMWQCC groundwater standard screening level (applicable to domestic water supply). One earlier value of 425 µg/L was measured in a sample collected from this new well in March 2011.

As reported in the previous PMR, the filtered aluminum and iron results for the January 25, 2011, sampling event at regional aquifer well R-32 were above their respective NMWQCC groundwater standard screening levels (respectively applicable to irrigation and to domestic water supply). The aluminum concentration of 6850 µg/L was above the 5000 µg/L NMWQCC groundwater standard screening level, and the iron concentration of 3850 µg/L was above the 1000 µg/L NMWQCC groundwater standard screening level. These results were higher than any earlier results measured in the well at that screen (this is now a single-screen well). Reanalysis of this R-32 sample produced the following results: filtered aluminum was nondetect (less than 200 µg/L) and filtered iron was nondetect (less than 100 µg/L). As a result of the reanalysis, the original results were qualified as rejected for quality deficiencies. In accordance with Consent Order requirements, these values do not appear in Appendix C of this PMR because they are nondetects.

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)

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

For results above 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

No groundwater results from previous PME samples reported in this PMR were above screening levels. Four results from groundwater samples collected during this PME were above screening levels (Table 4.2-3).

For results above screening levels, except for the filtered manganese concentration at new well R-55i, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

5.3 Data Gaps

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

6.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID. This information is also included in text citations. ER IDs are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

LANL (Los Alamos National Laboratory), September 2008. "Periodic Monitoring Report for White Rock Watershed, April 23–April 30, 2008," Los Alamos National Laboratory document LA-UR-08-5847, Los Alamos, New Mexico. (LANL 2008, 103737)

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

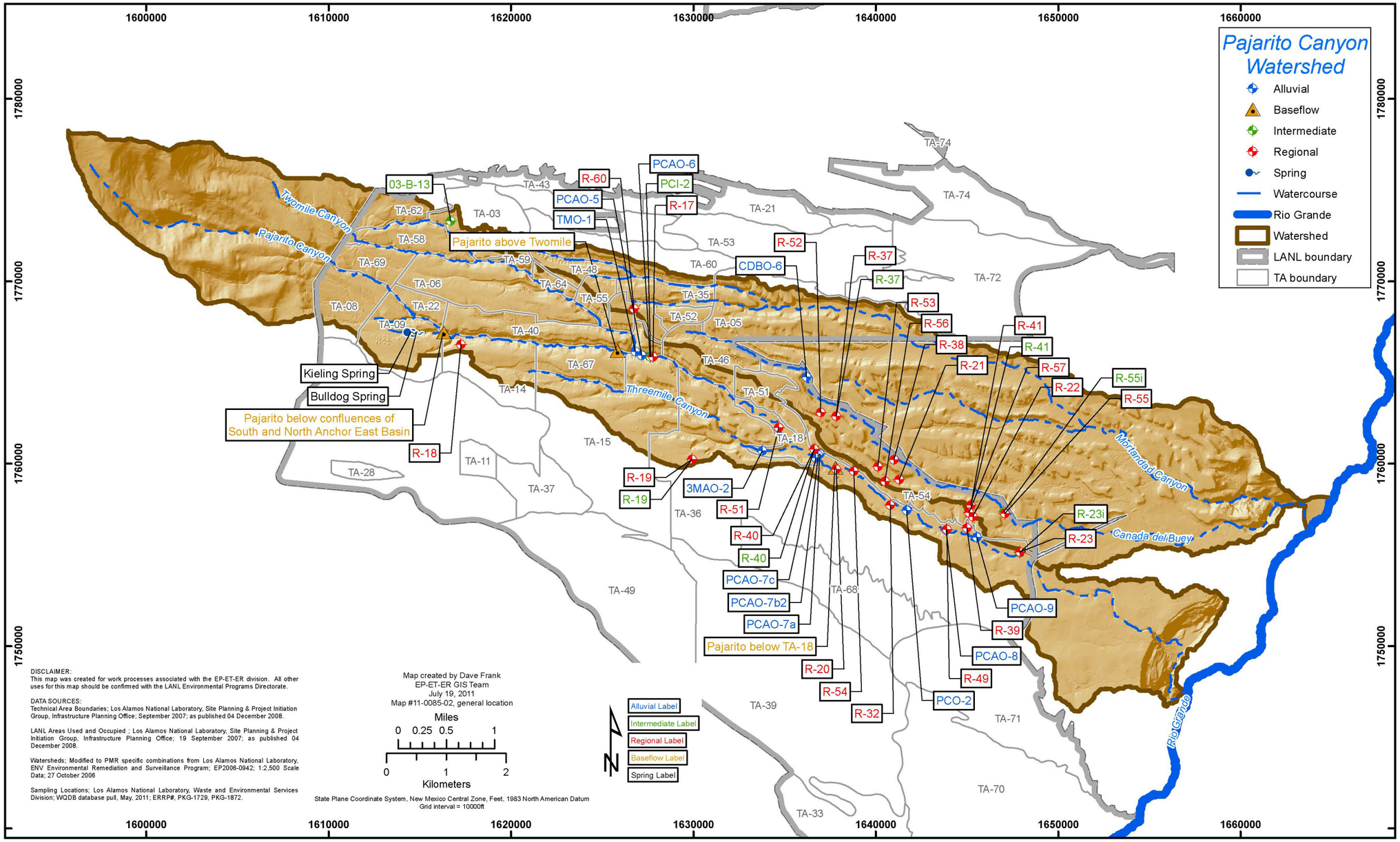


Figure 2.0-1 Locations monitored for this PME. Some locations on this map may not have been sampled (see Table 3.4-1).

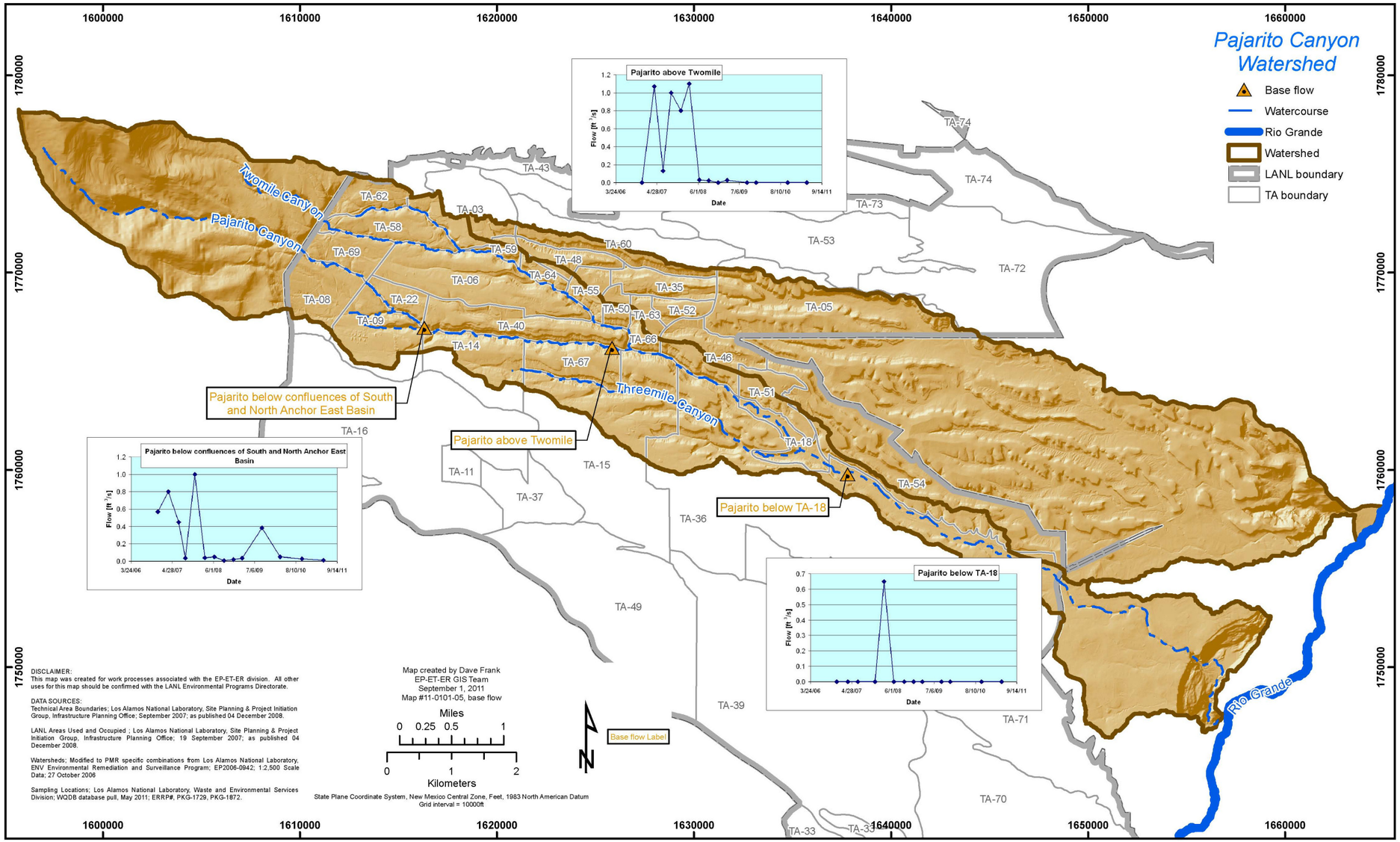


Figure 3.3-1 Base-flow measurements

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 (cfs[a])
Base Flow									
Pajarito above Twomile	04/20/11	n/a[b]	n/a	n/a	n/a	n/a	n/a	n/a	Dry[c]
Pajarito below confluences of South and North Anchor East Basin	05/05/11	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.01
Pajarito below TA-18	04/20/11	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry
Springs									
Bulldog Spring	05/05/11	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Diffuse flow could not be measured.
Kieling Spring	05/05/11	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00038
Alluvial									
3MAO-2	04/27/11	Single	14.7	10	14.7	24.7	9.7	10.25	0.00024
CDBO-6	04/19/11	Single	34	10	34	44	1.6	3.5	0.000045
PCAO-5	04/20/11	Single	14.7	10	14.7	24.7	n/a	n/a	Dry
PCAO-6	04/20/11	Single	8	7	8	15	n/a	n/a	Dry
PCAO-7a	04/20/11	Single	9.7	10	9.7	19.7	n/a	n/a	Dry
PCAO-7b2	04/20/11	Single	10	10	10	20	n/a	n/a	Dry
PCAO-7c	04/21/11	Single	9.7	10	9.7	19.7	6.4	21	0.0004
PCAO-8	04/25/11	Single	9.7	10	9.7	19.7	4.6	2.5	0.000067
PCAO-9	04/20/11	Single	6	10	6	16	n/a	n/a	Dry
PCO-2	04/20/11	Single	1.5	8	1.5	9.5	n/a	n/a	Dry
TMO-1	04/20/11	Single	3.5	3	3.5	6.5	n/a	n/a	Dry
Intermediate									
03-B-13	04/22/11	Single	21.5	10	21.5	31.5	1.6	5.3	0.00025
PCI-2	05/06/11	Single	512	10	512	522	20.2	61	0.001
R-19	05/12/11	MP2A	909.3	16	893.3	909.6	n/a	0.25	n/a
R-23i	04/28/11	P1A	400.3	20	400.3	420	3.1	13.2	0.0018
R-23i	05/03/11	P2A	470.2	10	470.2	480.1	38.1	115	0.0023
R-23i	04/18/11	P3A	524	23	524	547	42.5	129	0.003
R-37	05/03/11	P1A	929.3	21	929.3	950	52.2	157.7	0.0016
R-40	04/29/11	R-40i	649.7	19	649.67	669.02	12.9	50	0.0016
R-40	05/05/11	P1A	751.6	33	751.59	785.06	30.4	32.5	0.001

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 (cfs[a])
R-41	04/18/11	P1A	928	10	928	937.7	n/a	n/a	No sample system
R-55i	05/10/11	Single	510	21	510	531.1	44.4	134	0.005
Regional									
R-17	04/27/11	P1A	1057	23	1057	1080	41.3	129.7	0.0047
R-17	04/27/11	P2A	1124	10	1124	1134	47.8	157.8	0.0047
R-18	04/22/11	Single	1358	23	1358	1381	96.6	292	0.013
R-19	05/10/11	MP3A	1190.7	44	1171.4	1215.4	n/a	0.25	n/a
R-19	05/10/11	MP4A	1412.9	7	1410.2	1417.4	n/a	0.5	n/a
R-20	04/20/11	P1A	904.6	8	904.6	912.2	73.5	75	0.00089
R-20	04/25/11	P2A	1147.1	8	1147.1	1154.7	41.1	124.5	0.003
R-21	04/19/11	Single	888.8	18	888.8	906.8	206.1	619	0.0076
R-22	04/18/11	MP1A	907.1	42	872.3	914.2	n/a	n/a	Well is in rehab.
R-22	04/18/11	MP2A	962.8	42	947	988.9	n/a	n/a	Well is in rehab.
R-22	04/18/11	MP3A	1273.5	7	1272.2	1278.9	n/a	n/a	Well is in rehab.
R-22	04/18/11	MP4A	1378	7	1378.2	1384.9	n/a	n/a	Well is in rehab.
R-22	04/18/11	MP5A	1448.2	5	1447.3	1452.3	n/a	n/a	Well is in rehab.
R-23	04/18/11	Single	816	57	816	873.2	45.6	202	0.02
R-32	05/02/11	Single	867.5	8	867.5	875.2	88.4	279	0.001
R-37	04/26/11	P2A	1026	21	1026	1046.6	55.8	207	0.02
R-38	05/06/11	Single	821.2	10	821.2	831.2	43.2	163.3	0.005
R-39	04/21/11	Single	859	10	859	869	48.9	147	0.0067
R-40	04/26/11	P2A	849.3	21	849.27	870	45.5	138	0.0045
R-41	04/21/11	P2A	965.3	10	965.3	975	36.3	123	0.0067
R-49	05/02/11	P1A	845	10	845	855	79.3	251.2	0.002
R-49	04/29/11	P2A	905.6	21	905.6	926.4	58.1	182.5	0.0056
R-51	05/09/11	P1A	914.96	10	914.96	925.24	63.5	194.5	0.0078
R-51	05/09/11	P2A	1031	10	1031	1041	91	275.8	0.008
R-52	05/04/11	P1A	1035.2	20	1035.2	1055.7	65.4	236.8	0.0076
R-52	05/04/11	P2A	1107	10	1107	1117	43	250.7	0.0074
R-53	05/06/11	P1A	849.2	10	849.2	859.2	77.2	232	0.009
R-53	05/06/11	P2A	959.7	20	959.7	980.2	93.5	280.5	0.0085

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 (cfs[a])
R-54	05/04/11	P1A	830	10	830	840	55.3	664	0.0062
R-54	05/05/11	P2A	915	10	915	925	61.2	186	0.0067
R-55	04/28/11	P1A	860	21	860	880.6	111.9	337.5	0.006
R-55	04/28/11	P2A	994.4	21	994.4	1015.4	72.4	222.5	0.0056
R-56	05/10/11	P1A	945	21	945	965.6	86.3	300	0.009
R-56	05/10/11	P2A	1046.6	20	1046.6	1067.1	68.8	232	0.009
R-57	05/09/11	P1A	910	20	910	930.5	71.5	227.5	0.0078
R-57	05/09/11	P2A	971.5	21	971.5	992.1	51	170	0.0075
R-59	04/18/11	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Well is not complete.
R-60	04/27/11	Single	1330	21	1330	1350.9	41.8	130	0.002

[a] cfs = Cubic feet per second.

[b] n/a = Not applicable.

[c] See Table 3.4-1 for explanation.

Table 3.4-1
Pajarito PME Observations and Deviations

Location	Deviation	Cause	Comment
Pajarito above Twomile, Pajarito below TA-18, PCAO-5, PCAO-6, PCAO-7a, PCAO-7b2, PCAO-9, PCO-2, TMO-1	No data are included in this report for these locations.	These locations were not sampled because they were dry.	Locations will be sampled during the next scheduled PME.
PCI-2, PCAO-8, R-40 P1A	Limited data are included in this report for these locations.	A prioritized analytical suite was collected at these wells because they went dry during sampling.	Locations will be sampled during the next scheduled PME.
R-41 P1A	No data are included in this report for this location.	No sample system was installed.	n/a*
R-22r, R-59	No data are included in this report for these locations.	Wells are not complete.	Locations will be sampled during when wells are completed.
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 above Screening-Level Values

Analyte or CAS No.	Analyte Name	MDL[a]	PQL	Screening Level	Unit	Screening-Level Type
Herbicides						
94-74-6	MCPA[b]	12	53	18	µg/L	EPA Regional Tap
93-65-2	MCPP[c]	11	53	37	µg/L	EPA Regional Tap
Metals						
Be	Beryllium	1	5	4	µg/L	EPA MCL
Semivolatile Organic Analytes						
1912-24-9	Atrazine	3	10	3	µg/L	EPA MCL
103-33-3	Azobenzene	2	10	1.3	µg/L	EPA Regional Tap
92-87-5	Benzidine	3	10	0.00094	µg/L	EPA Regional Tap
56-55-3	Benzo(a)anthracene	0.2	1	0.29	µg/L	EPA Regional Tap
50-32-8	Benzo(a)pyrene	0.2	1	0.2	µg/L	EPA MCL
205-99-2	Benzo(b)fluoranthene	0.2	1	0.29	µg/L	EPA Regional Tap
111-44-4	Bis(2-chloroethyl)ether	2	10	0.12	µg/L	EPA Regional Tap
117-81-7	Bis(2-ethylhexyl)phthalate	2	10	6	µg/L	EPA MCL
106-47-8	Chloroaniline[4-]	2	10	3.4	µg/L	EPA Regional Tap
53-70-3	Dibenz(a,h)anthracene	0.2	1	0.029	µg/L	EPA Regional Tap
91-94-1	Dichlorobenzidine[3,3'-]	2	10	1.5	µg/L	EPA Regional Tap
534-52-1	Dinitro-2-methylphenol[4,6-]	3	10	2.9	µg/L	EPA Regional Tap

Table 3.4-2 (continued)

Analyte or CAS No.	Analyte Name	MDL[a]	PQL	Screening Level	Unit	Screening-Level Type
123-91-1	Dioxane[1,4-]	2	10	6.7	µg/L	EPA Regional Tap
118-74-1	Hexachlorobenzene	2	10	1	µg/L	EPA MCL
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	1	0.29	µg/L	EPA Regional Tap
55-18-5	Nitrosodiethylamine[N-]	2	10	0.0014	µg/L	EPA Regional Tap
62-75-9	Nitrosodimethylamine[N-]	2	10	0.0042	µg/L	EPA Regional Tap
924-16-3	Nitroso-di-n-butylamine[N-]	3	10	0.024	µg/L	EPA Regional Tap
621-64-7	Nitroso-di-n-propylamine[N-]	2	10	0.096	µg/L	EPA Regional Tap
930-55-2	Nitrosopyrrolidine[N-]	2	10	0.32	µg/L	EPA Regional Tap
108-60-1	Oxybis(1-chloropropane)[2,2'-]	2	10	3.2	µg/L	EPA Regional Tap
87-86-5	Pentachlorophenol	2	10	1	µg/L	EPA MCL
108-95-2	Phenol	1	10	5	µg/L	NM GW STD
Volatile Organic Analytes						
107-02-8	Acrolein	1.3	5	0.042	µg/L	EPA Regional Tap
107-13-1	Acrylonitrile	1	5	0.45	µg/L	EPA Regional Tap
126-99-8	Chloro-1,3-butadiene[2-]	0.3	1	0.16	µg/L	EPA Regional Tap
96-12-8	Dibromo-3-Chloropropane[1,2-]	0.3	1	0.2	µg/L	EPA MCL
106-93-4	Dibromoethane[1,2-]	0.25	1	0.05	µg/L	EPA MCL
126-98-7	Methacrylonitrile	1	5	1	µg/L	EPA Regional Tap
75-09-2	Methylene Chloride	3	10	5	µg/L	EPA MCL
96-18-4	Trichloropropane[1,2,3-]	0.3	1	0.0072	µg/L	EPA Regional Tap

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

[a] MDL = Method detection limit.

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

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

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

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

[a] n/a = Not applicable.

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

Table 4.2-2
Base-Flow Location Type and Hardness Assignments Used to Select Screening Levels

Watershed	Location	Stream Type	Hardness (mg/L as $CaCO_3$)
Pajarito	Pajarito 0.5 mi above SR-501	Perennial	30
Pajarito	Pajarito above Twomile	Ephemeral	50
Pajarito	Pajarito below confluences of South and North Anchor East Basin	Perennial	50
Pajarito	Pajarito below TA-18	Ephemeral	70
Pajarito	Two Mile Canyon below TA-59	Ephemeral	50
Pajarito	Twomile above Pajarito	Ephemeral	50

Table 4.2-3
Pajarito Watershed Results above Screening Levels for Surface Water and Groundwater

Location	Date	Analyte	Field Preparation	Result	Unit	Screening-Level Value	Screening-Level Source
Intermediate Groundwater							
03-B-13	04/22/11	Iron	F[a]	2890	µg/L	1000	NM GW STD
03-B-13	04/22/11	Dioxane[1,4-]	UF[b]	417	µg/L	6.7	EPA TAP SCRN LVL
03-B-13	04/22/11	Trichloroethane[1,1,1-]	UF	210	µg/L	60	NM GW STD
R-55i	05/10/11	Manganese	F	621	µg/L	200	NM GW STD

[a] F = Filtered.

[b] UF = Unfiltered.

Appendix A

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
03-B-13	7671	Single	21.5	04/22/11	WG[a]	Dissolved Oxygen	1.48	mg/L	CAPA-11-9562
03-B-13	7671	Single	21.5	01/25/11	WG	Dissolved Oxygen	0.25	mg/L	CAPA-11-2954
03-B-13	7671	Single	21.5	10/22/10	WG	Dissolved Oxygen	1.48	mg/L	CAPA-10-26927
03-B-13	7671	Single	21.5	08/12/10	WG	Dissolved Oxygen	0.3	mg/L	CAPA-10-24078
03-B-13	7671	Single	21.5	06/08/10	WG	Dissolved Oxygen	2.07	mg/L	CAPA-10-17570
03-B-13	7671	Single	21.5	04/22/11	WG	Oxidation Reduction Potential	191.7	mV	CAPA-11-9562
03-B-13	7671	Single	21.5	01/25/11	WG	Oxidation Reduction Potential	223.4	mV	CAPA-11-2954
03-B-13	7671	Single	21.5	10/22/10	WG	Oxidation Reduction Potential	456.6	mV	CAPA-10-26927
03-B-13	7671	Single	21.5	08/12/10	WG	Oxidation Reduction Potential	175.2	mV	CAPA-10-24078
03-B-13	7671	Single	21.5	06/08/10	WG	Oxidation Reduction Potential	237.4	mV	CAPA-10-17570
03-B-13	7671	Single	21.5	04/22/11	WG	pH	6.19	SU[b]	CAPA-11-9562
03-B-13	7671	Single	21.5	01/25/11	WG	pH	6.01	SU	CAPA-11-2954
03-B-13	7671	Single	21.5	10/22/10	WG	pH	5.63	SU	CAPA-10-26927
03-B-13	7671	Single	21.5	08/12/10	WG	pH	5.76	SU	CAPA-10-24078
03-B-13	7671	Single	21.5	06/08/10	WG	pH	5.38	SU	CAPA-10-17570
03-B-13	7671	Single	21.5	04/22/11	WG	Specific Conductance	368	µS/cm	CAPA-11-9562
03-B-13	7671	Single	21.5	01/25/11	WG	Specific Conductance	365	µS/cm	CAPA-11-2954
03-B-13	7671	Single	21.5	10/22/10	WG	Specific Conductance	423	µS/cm	CAPA-10-26927
03-B-13	7671	Single	21.5	08/12/10	WG	Specific Conductance	477	µS/cm	CAPA-10-24078
03-B-13	7671	Single	21.5	04/22/11	WG	Temperature	13.6	deg C	CAPA-11-9562
03-B-13	7671	Single	21.5	01/25/11	WG	Temperature	13.12	deg C	CAPA-11-2954
03-B-13	7671	Single	21.5	10/22/10	WG	Temperature	13.19	deg C	CAPA-10-26927
03-B-13	7671	Single	21.5	08/12/10	WG	Temperature	13.66	deg C	CAPA-10-24078
03-B-13	7671	Single	21.5	06/08/10	WG	Temperature	13.35	deg C	CAPA-10-17570
03-B-13	7671	Single	21.5	04/22/11	WG	Turbidity	47.4	NTU[c]	CAPA-11-9562
03-B-13	7671	Single	21.5	01/25/11	WG	Turbidity	34.6	NTU	CAPA-11-2954
03-B-13	7671	Single	21.5	10/22/10	WG	Turbidity	217	NTU	CAPA-10-26927
03-B-13	7671	Single	21.5	08/12/10	WG	Turbidity	72.3	NTU	CAPA-10-24078

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
03-B-13	7671	Single	21.5	06/08/10	WG	Turbidity	29.9	NTU	CAPA-10-17570
3MAO-2	8471	Single	14.7	04/27/11	WG	Dissolved Oxygen	1.62	mg/L	CAPA-11-9534
3MAO-2	8471	Single	14.7	10/21/10	WG	Dissolved Oxygen	1.21	mg/L	CAPA-10-26889
3MAO-2	8471	Single	14.7	06/07/10	WG	Dissolved Oxygen	4.15	mg/L	CAPA-10-17746
3MAO-2	8471	Single	14.7	12/16/09	WG	Dissolved Oxygen	2.96	mg/L	CAPA-10-6767
3MAO-2	8471	Single	14.7	06/04/09	WG	Dissolved Oxygen	277	mg/L	CAPA-09-9401
3MAO-2	8471	Single	14.7	04/27/11	WG	Oxidation Reduction Potential	216	mV	CAPA-11-9534
3MAO-2	8471	Single	14.7	10/21/10	WG	Oxidation Reduction Potential	365.3	mV	CAPA-10-26889
3MAO-2	8471	Single	14.7	06/07/10	WG	Oxidation Reduction Potential	211.8	mV	CAPA-10-17746
3MAO-2	8471	Single	14.7	12/16/09	WG	Oxidation Reduction Potential	513.7	mV	CAPA-10-6767
3MAO-2	8471	Single	14.7	06/04/09	WG	Oxidation Reduction Potential	332.4	mV	CAPA-09-9401
3MAO-2	8471	Single	14.7	04/27/11	WG	pH	5.98	SU	CAPA-11-9534
3MAO-2	8471	Single	14.7	10/21/10	WG	pH	6	SU	CAPA-10-26889
3MAO-2	8471	Single	14.7	06/07/10	WG	pH	6.03	SU	CAPA-10-17746
3MAO-2	8471	Single	14.7	12/16/09	WG	pH	5.37	SU	CAPA-10-6767
3MAO-2	8471	Single	14.7	06/04/09	WG	pH	5.86	SU	CAPA-09-9401
3MAO-2	8471	Single	14.7	04/27/11	WG	Specific Conductance	204	µS/cm	CAPA-11-9534
3MAO-2	8471	Single	14.7	10/21/10	WG	Specific Conductance	227	µS/cm	CAPA-10-26889
3MAO-2	8471	Single	14.7	06/07/10	WG	Specific Conductance	190	µS/cm	CAPA-10-17746
3MAO-2	8471	Single	14.7	12/16/09	WG	Specific Conductance	186	µS/cm	CAPA-10-6767
3MAO-2	8471	Single	14.7	06/04/09	WG	Specific Conductance	142	µS/cm	CAPA-09-9401
3MAO-2	8471	Single	14.7	04/27/11	WG	Temperature	8.61	deg C	CAPA-11-9534
3MAO-2	8471	Single	14.7	10/21/10	WG	Temperature	10.84	deg C	CAPA-10-26889
3MAO-2	8471	Single	14.7	06/07/10	WG	Temperature	8.32	deg C	CAPA-10-17746
3MAO-2	8471	Single	14.7	12/16/09	WG	Temperature	8.28	deg C	CAPA-10-6767
3MAO-2	8471	Single	14.7	06/04/09	WG	Temperature	8.54	deg C	CAPA-09-9401
3MAO-2	8471	Single	14.7	04/27/11	WG	Turbidity	7.29	NTU	CAPA-11-9534
3MAO-2	8471	Single	14.7	10/21/10	WG	Turbidity	1.5	NTU	CAPA-10-26889

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
3MAO-2	8471	Single	14.7	06/07/10	WG	Turbidity	93.8	NTU	CAPA-10-17746
3MAO-2	8471	Single	14.7	12/16/09	WG	Turbidity	24.7	NTU	CAPA-10-6767
3MAO-2	8471	Single	14.7	06/04/09	WG	Turbidity	39.4	NTU	CAPA-09-9401
Bulldog Spring	—	—	—	05/05/11	WG	Dissolved Oxygen	8.73	mg/L	CAPA-11-9530
Bulldog Spring	—	—	—	10/08/10	WG	Dissolved Oxygen	7.65	mg/L	CAPA-10-26883
Bulldog Spring	—	—	—	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	—	—	—	05/05/11	WG	pH	7.31	SU	CAPA-11-9530
Bulldog Spring	—	—	—	10/08/10	WG	pH	6.93	SU	CAPA-10-26883
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	—	—	—	05/05/11	WG	Specific Conductance	260	µS/cm	CAPA-11-9530
Bulldog Spring	—	—	—	10/08/10	WG	Specific Conductance	253	µS/cm	CAPA-10-26883
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	—	—	—	05/05/11	WG	Temperature	9.98	deg C	CAPA-11-9530
Bulldog Spring	—	—	—	10/08/10	WG	Temperature	10.21	deg C	CAPA-10-26883
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	—	—	—	05/05/11	WG	Turbidity	13	NTU	CAPA-11-9530
Bulldog Spring	—	—	—	10/08/10	WG	Turbidity	10.3	NTU	CAPA-10-26883
Bulldog Spring	—	—	—	09/15/09	WG	Turbidity	3.8	NTU	CAPA-09-12112
Bulldog Spring	—	—	—	06/03/09	WG	Turbidity	6.22	NTU	CAPA-09-9307
Bulldog Spring	—	—	—	03/06/09	WG	Turbidity	20.2	NTU	CAPA-09-4090

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDBO-6	5281	Single	34	04/19/11	WG	Dissolved Oxygen	4.3	mg/L	CAPA-11-9540
CDBO-6	5281	Single	34	01/24/11	WG	Dissolved Oxygen	4.07	mg/L	CAPA-11-2951
CDBO-6	5281	Single	34	10/15/10	WG	Dissolved Oxygen	4.17	mg/L	CAPA-10-27425
CDBO-6	5281	Single	34	08/02/10	WG	Dissolved Oxygen	5.02	mg/L	CAPA-10-24065
CDBO-6	5281	Single	34	06/01/10	WG	Dissolved Oxygen	3.95	mg/L	CAPA-10-18089
CDBO-6	5281	Single	34	04/19/11	WG	Oxidation Reduction Potential	173.7	mV	CAPA-11-9540
CDBO-6	5281	Single	34	01/24/11	WG	Oxidation Reduction Potential	248.7	mV	CAPA-11-2951
CDBO-6	5281	Single	34	10/15/10	WG	Oxidation Reduction Potential	100	mV	CAPA-10-27425
CDBO-6	5281	Single	34	08/02/10	WG	Oxidation Reduction Potential	237.1	mV	CAPA-10-24065
CDBO-6	5281	Single	34	06/01/10	WG	Oxidation Reduction Potential	97.6	mV	CAPA-10-18089
CDBO-6	5281	Single	34	04/19/11	WG	pH	5.69	SU	CAPA-11-9540
CDBO-6	5281	Single	34	01/24/11	WG	pH	5.51	SU	CAPA-11-2951
CDBO-6	5281	Single	34	10/15/10	WG	pH	6	SU	CAPA-10-27425
CDBO-6	5281	Single	34	08/02/10	WG	pH	6.24	SU	CAPA-10-24065
CDBO-6	5281	Single	34	06/01/10	WG	pH	6.22	SU	CAPA-10-18089
CDBO-6	5281	Single	34	04/19/11	WG	Specific Conductance	233	µS/cm	CAPA-11-9540
CDBO-6	5281	Single	34	01/24/11	WG	Specific Conductance	220	µS/cm	CAPA-11-2951
CDBO-6	5281	Single	34	10/15/10	WG	Specific Conductance	232	µS/cm	CAPA-10-27425
CDBO-6	5281	Single	34	08/02/10	WG	Specific Conductance	213	µS/cm	CAPA-10-24065
CDBO-6	5281	Single	34	06/01/10	WG	Specific Conductance	219	µS/cm	CAPA-10-18089
CDBO-6	5281	Single	34	04/19/11	WG	Temperature	13.79	deg C	CAPA-11-9540
CDBO-6	5281	Single	34	01/24/11	WG	Temperature	10.18	deg C	CAPA-11-2951
CDBO-6	5281	Single	34	10/15/10	WG	Temperature	12.07	deg C	CAPA-10-27425
CDBO-6	5281	Single	34	08/02/10	WG	Temperature	12.73	deg C	CAPA-10-24065
CDBO-6	5281	Single	34	06/01/10	WG	Temperature	13.32	deg C	CAPA-10-18089
CDBO-6	5281	Single	34	04/19/11	WG	Turbidity	21.3	NTU	CAPA-11-9540
CDBO-6	5281	Single	34	01/24/11	WG	Turbidity	35.1	NTU	CAPA-11-2951
CDBO-6	5281	Single	34	10/15/10	WG	Turbidity	2.29	NTU	CAPA-10-27425

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
CDBO-6	5281	Single	34	08/02/10	WG	Turbidity	2.61	NTU	CAPA-10-24065
CDBO-6	5281	Single	34	06/01/10	WG	Turbidity	18.2	NTU	CAPA-10-18089
Kieling Spring	—	—	—	05/05/11	WG	Dissolved Oxygen	8.5	mg/L	CAPA-11-9532
Kieling Spring	—	—	—	10/08/10	WG	Dissolved Oxygen	7.77	mg/L	CAPA-10-26884
Kieling Spring	—	—	—	09/15/09	WG	Dissolved Oxygen	8.18	mg/L	CAPA-09-12107
Kieling Spring	—	—	—	06/03/09	WG	Dissolved Oxygen	7.96	mg/L	CAPA-09-9308
Kieling Spring	—	—	—	03/06/09	WG	Dissolved Oxygen	8.52	mg/L	CAPA-09-4081
Kieling Spring	—	—	—	05/05/11	WG	pH	7.44	SU	CAPA-11-9532
Kieling Spring	—	—	—	10/08/10	WG	pH	6.31	SU	CAPA-10-26884
Kieling Spring	—	—	—	09/15/09	WG	pH	7.68	SU	CAPA-09-12107
Kieling Spring	—	—	—	06/03/09	WG	pH	6.69	SU	CAPA-09-9308
Kieling Spring	—	—	—	03/06/09	WG	pH	7.32	SU	CAPA-09-4081
Kieling Spring	—	—	—	05/05/11	WG	Specific Conductance	361	µS/cm	CAPA-11-9532
Kieling Spring	—	—	—	10/08/10	WG	Specific Conductance	222	µS/cm	CAPA-10-26884
Kieling Spring	—	—	—	09/15/09	WG	Specific Conductance	213	µS/cm	CAPA-09-12107
Kieling Spring	—	—	—	06/03/09	WG	Specific Conductance	141	µS/cm	CAPA-09-9308
Kieling Spring	—	—	—	03/06/09	WG	Specific Conductance	222	µS/cm	CAPA-09-4081
Kieling Spring	—	—	—	05/05/11	WG	Temperature	11.93	deg C	CAPA-11-9532
Kieling Spring	—	—	—	10/08/10	WG	Temperature	10.34	deg C	CAPA-10-26884
Kieling Spring	—	—	—	09/15/09	WG	Temperature	10.95	deg C	CAPA-09-12107
Kieling Spring	—	—	—	06/03/09	WG	Temperature	10.14	deg C	CAPA-09-9308
Kieling Spring	—	—	—	03/06/09	WG	Temperature	9.78	deg C	CAPA-09-4081
Kieling Spring	—	—	—	05/05/11	WG	Turbidity	11.3	NTU	CAPA-11-9532
Kieling Spring	—	—	—	10/08/10	WG	Turbidity	13.4	NTU	CAPA-10-26884
Kieling Spring	—	—	—	09/15/09	WG	Turbidity	6.17	NTU	CAPA-09-12107
Kieling Spring	—	—	—	06/03/09	WG	Turbidity	8.98	NTU	CAPA-09-9308
Kieling Spring	—	—	—	03/06/09	WG	Turbidity	21.6	NTU	CAPA-09-4081
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS[d]	Dissolved Oxygen	8.51	mg/L	CAPA-11-9524

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	Dissolved Oxygen	8.3	mg/L	CAPA-10-26874
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
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	—	—	—	05/05/11	WS	pH	7.99	SU	CAPA-11-9524
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	pH	8.1	SU	CAPA-10-26874
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	—	—	—	05/05/11	WS	Specific Conductance	274	µS/cm	CAPA-11-9524
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	Specific Conductance	236	µS/cm	CAPA-10-26874
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
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	Temperature	12.8	deg C	CAPA-11-9524
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	Temperature	11	deg C	CAPA-10-26874
Pajarito below confluences of South	—	—	—	03/10/10	WS	Temperature	3.43	deg C	CAPA-10-12694

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
and North Anchor East Basin									
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	—	—	—	05/05/11	WS	Turbidity	5.65	NTU	CAPA-11-9524
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	Turbidity	11	NTU	CAPA-10-26874
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	Turbidity	6.17	NTU	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	Turbidity	22.5	NTU	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	Turbidity	7.03	NTU	CAPA-09-1073
PCAO-7c	8531	Single	9.7	04/21/11	WG	Dissolved Oxygen	4.62	mg/L	CAPA-11-9550
PCAO-7c	8531	Single	9.7	10/07/10	WG	Dissolved Oxygen	3.59	mg/L	CAPA-10-26906
PCAO-7c	8531	Single	9.7	03/02/10	WG	Dissolved Oxygen	2.97	mg/L	CAPA-10-12876
PCAO-7c	8531	Single	9.7	12/10/09	WG	Dissolved Oxygen	3.14	mg/L	CAPA-10-6758
PCAO-7c	8531	Single	9.7	09/14/09	WG	Dissolved Oxygen	4.16	mg/L	CAPA-09-12220
PCAO-7c	8531	Single	9.7	04/21/11	WG	Oxidation Reduction Potential	184.1	mV	CAPA-11-9550
PCAO-7c	8531	Single	9.7	03/02/10	WG	Oxidation Reduction Potential	230.2	mV	CAPA-10-12876
PCAO-7c	8531	Single	9.7	12/10/09	WG	Oxidation Reduction Potential	247.1	mV	CAPA-10-6758
PCAO-7c	8531	Single	9.7	09/14/09	WG	Oxidation Reduction Potential	280.6	mV	CAPA-09-12220
PCAO-7c	8531	Single	9.7	06/03/09	WG	Oxidation Reduction Potential	259.1	mV	CAPA-09-9395
PCAO-7c	8531	Single	9.7	04/21/11	WG	pH	6.33	SU	CAPA-11-9550
PCAO-7c	8531	Single	9.7	10/07/10	WG	pH	5.77	SU	CAPA-10-26906
PCAO-7c	8531	Single	9.7	03/02/10	WG	pH	5.79	SU	CAPA-10-12876
PCAO-7c	8531	Single	9.7	12/10/09	WG	pH	5.54	SU	CAPA-10-6758
PCAO-7c	8531	Single	9.7	09/14/09	WG	pH	5.95	SU	CAPA-09-12220
PCAO-7c	8531	Single	9.7	04/21/11	WG	Specific Conductance	306	µS/cm	CAPA-11-9550

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCAO-7c	8531	Single	9.7	10/07/10	WG	Specific Conductance	341	µS/cm	CAPA-10-26906
PCAO-7c	8531	Single	9.7	03/02/10	WG	Specific Conductance	211	µS/cm	CAPA-10-12876
PCAO-7c	8531	Single	9.7	12/10/09	WG	Specific Conductance	218	µS/cm	CAPA-10-6758
PCAO-7c	8531	Single	9.7	09/14/09	WG	Specific Conductance	2234	µS/cm	CAPA-09-12220
PCAO-7c	8531	Single	9.7	04/21/11	WG	Temperature	11.36	deg C	CAPA-11-9550
PCAO-7c	8531	Single	9.7	10/07/10	WG	Temperature	12.43	deg C	CAPA-10-26906
PCAO-7c	8531	Single	9.7	03/02/10	WG	Temperature	11.23	deg C	CAPA-10-12876
PCAO-7c	8531	Single	9.7	12/10/09	WG	Temperature	11.48	deg C	CAPA-10-6758
PCAO-7c	8531	Single	9.7	09/14/09	WG	Temperature	11.87	deg C	CAPA-09-12220
PCAO-7c	8531	Single	9.7	04/21/11	WG	Turbidity	10.9	NTU	CAPA-11-9550
PCAO-7c	8531	Single	9.7	10/07/10	WG	Turbidity	3.6	NTU	CAPA-10-26906
PCAO-7c	8531	Single	9.7	03/02/10	WG	Turbidity	11.3	NTU	CAPA-10-12876
PCAO-7c	8531	Single	9.7	12/10/09	WG	Turbidity	4.96	NTU	CAPA-10-6758
PCAO-7c	8531	Single	9.7	09/14/09	WG	Turbidity	5.9	NTU	CAPA-09-12220
PCAO-8	8541	Single	9.7	04/25/11	WG	Dissolved Oxygen	6.44	mg/L	CAPA-11-9553
PCAO-8	8541	Single	9.7	10/23/10	WG	Dissolved Oxygen	4.07	mg/L	CAPA-10-27432
PCAO-8	8541	Single	9.7	06/08/10	WG	Dissolved Oxygen	5.55	mg/L	CAPA-10-17777
PCAO-8	8541	Single	9.7	03/02/10	WG	Dissolved Oxygen	6	mg/L	CAPA-10-13076
PCAO-8	8541	Single	9.7	09/10/09	WG	Dissolved Oxygen	5.5	mg/L	CAPA-09-12225
PCAO-8	8541	Single	9.7	04/25/11	WG	Oxidation Reduction Potential	200.9	mV	CAPA-11-9553
PCAO-8	8541	Single	9.7	10/23/10	WG	Oxidation Reduction Potential	405.5	mV	CAPA-10-27432
PCAO-8	8541	Single	9.7	06/08/10	WG	Oxidation Reduction Potential	377.7	mV	CAPA-10-17777
PCAO-8	8541	Single	9.7	03/02/10	WG	Oxidation Reduction Potential	365	mV	CAPA-10-13076
PCAO-8	8541	Single	9.7	09/10/09	WG	Oxidation Reduction Potential	229.8	mV	CAPA-09-12225
PCAO-8	8541	Single	9.7	04/25/11	WG	pH	6.39	SU	CAPA-11-9553
PCAO-8	8541	Single	9.7	10/23/10	WG	pH	6.17	SU	CAPA-10-27432
PCAO-8	8541	Single	9.7	06/08/10	WG	pH	5.82	SU	CAPA-10-17777
PCAO-8	8541	Single	9.7	03/02/10	WG	pH	6.23	SU	CAPA-10-13076

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCAO-8	8541	Single	9.7	09/10/09	WG	pH	6.28	SU	CAPA-09-12225
PCAO-8	8541	Single	9.7	04/25/11	WG	Specific Conductance	656	µS/cm	CAPA-11-9553
PCAO-8	8541	Single	9.7	10/23/10	WG	Specific Conductance	891	µS/cm	CAPA-10-27432
PCAO-8	8541	Single	9.7	06/08/10	WG	Specific Conductance	896	µS/cm	CAPA-10-17777
PCAO-8	8541	Single	9.7	03/02/10	WG	Specific Conductance	389	µS/cm	CAPA-10-13076
PCAO-8	8541	Single	9.7	09/10/09	WG	Specific Conductance	417	µS/cm	CAPA-09-12225
PCAO-8	8541	Single	9.7	04/25/11	WG	Temperature	12.25	deg C	CAPA-11-9553
PCAO-8	8541	Single	9.7	10/23/10	WG	Temperature	14.77	deg C	CAPA-10-27432
PCAO-8	8541	Single	9.7	06/08/10	WG	Temperature	11.05	deg C	CAPA-10-17777
PCAO-8	8541	Single	9.7	03/02/10	WG	Temperature	10.91	deg C	CAPA-10-13076
PCAO-8	8541	Single	9.7	09/10/09	WG	Temperature	13.67	deg C	CAPA-09-12225
PCAO-8	8541	Single	9.7	04/25/11	WG	Turbidity	6.44	NTU	CAPA-11-9553
PCAO-8	8541	Single	9.7	10/23/10	WG	Turbidity	17.5	NTU	CAPA-10-27432
PCAO-8	8541	Single	9.7	06/08/10	WG	Turbidity	1.83	NTU	CAPA-10-17777
PCAO-8	8541	Single	9.7	03/02/10	WG	Turbidity	11.8	NTU	CAPA-10-13076
PCAO-8	8541	Single	9.7	09/10/09	WG	Turbidity	21.8	NTU	CAPA-09-12225
PCI-2	8851	Single	512	05/06/11	WG	Dissolved Oxygen	8.2	mg/L	CAPA-11-9283
PCI-2	8851	Single	512	10/11/10	WG	Dissolved Oxygen	7.59	mg/L	CAPA-10-26957
PCI-2	8851	Single	512	08/02/10	WG	Dissolved Oxygen	7.45	mg/L	CAPA-10-24132
PCI-2	8851	Single	512	06/07/10	WG	Dissolved Oxygen	6.54	mg/L	CAPA-10-17850
PCI-2	8851	Single	512	03/01/10	WG	Dissolved Oxygen	7.48	mg/L	CAPA-10-12892
PCI-2	8851	Single	512	05/06/11	WG	Oxidation Reduction Potential	125.9	mV	CAPA-11-9283
PCI-2	8851	Single	512	10/11/10	WG	Oxidation Reduction Potential	75.1	mV	CAPA-10-26957
PCI-2	8851	Single	512	08/02/10	WG	Oxidation Reduction Potential	376.5	mV	CAPA-10-24132
PCI-2	8851	Single	512	06/07/10	WG	Oxidation Reduction Potential	156.9	mV	CAPA-10-17850
PCI-2	8851	Single	512	03/01/10	WG	Oxidation Reduction Potential	223.2	mV	CAPA-10-12892
PCI-2	8851	Single	512	05/06/11	WG	pH	7.14	SU	CAPA-11-9283
PCI-2	8851	Single	512	10/11/10	WG	pH	6.77	SU	CAPA-10-26957

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCI-2	8851	Single	512	08/02/10	WG	pH	7.16	SU	CAPA-10-24132
PCI-2	8851	Single	512	06/07/10	WG	pH	8.27	SU	CAPA-10-17850
PCI-2	8851	Single	512	05/06/11	WG	Specific Conductance	109	µS/cm	CAPA-11-9283
PCI-2	8851	Single	512	10/11/10	WG	Specific Conductance	108	µS/cm	CAPA-10-26957
PCI-2	8851	Single	512	08/02/10	WG	Specific Conductance	102	µS/cm	CAPA-10-24132
PCI-2	8851	Single	512	06/07/10	WG	Specific Conductance	86	µS/cm	CAPA-10-17850
PCI-2	8851	Single	512	05/06/11	WG	Temperature	14.82	deg C	CAPA-11-9283
PCI-2	8851	Single	512	10/11/10	WG	Temperature	13.56	deg C	CAPA-10-26957
PCI-2	8851	Single	512	08/02/10	WG	Temperature	14.28	deg C	CAPA-10-24132
PCI-2	8851	Single	512	06/07/10	WG	Temperature	14.12	deg C	CAPA-10-17850
PCI-2	8851	Single	512	03/01/10	WG	Temperature	11.43	deg C	CAPA-10-12892
PCI-2	8851	Single	512	05/06/11	WG	Turbidity	0.8	NTU	CAPA-11-9283
PCI-2	8851	Single	512	10/11/10	WG	Turbidity	0.7	NTU	CAPA-10-26957
PCI-2	8851	Single	512	08/02/10	WG	Turbidity	1.08	NTU	CAPA-10-24132
PCI-2	8851	Single	512	06/07/10	WG	Turbidity	1.06	NTU	CAPA-10-17850
PCI-2	8851	Single	512	03/01/10	WG	Turbidity	0.85	NTU	CAPA-10-12892
R-17	7031	P1A	1057	04/27/11	WG	Dissolved Oxygen	6.77	mg/L	CAPA-11-9288
R-17	7031	P1A	1057	01/20/11	WG	Dissolved Oxygen	5.41	mg/L	CAPA-11-2982
R-17	7031	P1A	1057	10/22/10	WG	Dissolved Oxygen	7.41	mg/L	CAPA-10-26961
R-17	7031	P1A	1057	08/04/10	WG	Dissolved Oxygen	5.86	mg/L	CAPA-10-24093
R-17	7031	P1A	1057	06/14/10	WG	Dissolved Oxygen	5.87	mg/L	CAPA-10-17586
R-17	7031	P1A	1057	04/27/11	WG	Oxidation Reduction Potential	73	mV	CAPA-11-9288
R-17	7031	P1A	1057	01/20/11	WG	Oxidation Reduction Potential	201.7	mV	CAPA-11-2982
R-17	7031	P1A	1057	10/22/10	WG	Oxidation Reduction Potential	394.6	mV	CAPA-10-26961
R-17	7031	P1A	1057	08/04/10	WG	Oxidation Reduction Potential	257.7	mV	CAPA-10-24093
R-17	7031	P1A	1057	06/14/10	WG	Oxidation Reduction Potential	209.1	mV	CAPA-10-17586
R-17	7031	P1A	1057	04/27/11	WG	pH	7.95	SU	CAPA-11-9288
R-17	7031	P1A	1057	01/20/11	WG	pH	7.68	SU	CAPA-11-2982

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-17	7031	P1A	1057	10/22/10	WG	pH	7.7	SU	CAPA-10-26961
R-17	7031	P1A	1057	08/04/10	WG	pH	7.65	SU	CAPA-10-24093
R-17	7031	P1A	1057	06/14/10	WG	pH	7.66	SU	CAPA-10-17586
R-17	7031	P1A	1057	04/27/11	WG	Specific Conductance	122	µS/cm	CAPA-11-9288
R-17	7031	P1A	1057	01/20/11	WG	Specific Conductance	122	µS/cm	CAPA-11-2982
R-17	7031	P1A	1057	10/22/10	WG	Specific Conductance	129	µS/cm	CAPA-10-26961
R-17	7031	P1A	1057	08/04/10	WG	Specific Conductance	128	µS/cm	CAPA-10-24093
R-17	7031	P1A	1057	06/14/10	WG	Specific Conductance	117	µS/cm	CAPA-10-17586
R-17	7031	P1A	1057	04/27/11	WG	Temperature	21.69	deg C	CAPA-11-9288
R-17	7031	P1A	1057	01/20/11	WG	Temperature	21.36	deg C	CAPA-11-2982
R-17	7031	P1A	1057	10/22/10	WG	Temperature	18.98	deg C	CAPA-10-26961
R-17	7031	P1A	1057	08/04/10	WG	Temperature	22.65	deg C	CAPA-10-24093
R-17	7031	P1A	1057	06/14/10	WG	Temperature	21.38	deg C	CAPA-10-17586
R-17	7031	P1A	1057	04/27/11	WG	Turbidity	0.71	NTU	CAPA-11-9288
R-17	7031	P1A	1057	01/20/11	WG	Turbidity	0.65	NTU	CAPA-11-2982
R-17	7031	P1A	1057	10/22/10	WG	Turbidity	0.73	NTU	CAPA-10-26961
R-17	7031	P1A	1057	08/04/10	WG	Turbidity	1.57	NTU	CAPA-10-24093
R-17	7031	P1A	1057	06/14/10	WG	Turbidity	1.65	NTU	CAPA-10-17586
R-17	7041	P2A	1124	04/27/11	WG	Dissolved Oxygen	6.53	mg/L	CAPA-11-9289
R-17	7041	P2A	1124	01/20/11	WG	Dissolved Oxygen	5.42	mg/L	CAPA-11-2984
R-17	7041	P2A	1124	10/22/10	WG	Dissolved Oxygen	6.98	mg/L	CAPA-10-26963
R-17	7041	P2A	1124	08/04/10	WG	Dissolved Oxygen	5.21	mg/L	CAPA-10-24097
R-17	7041	P2A	1124	06/14/10	WG	Dissolved Oxygen	5.57	mg/L	CAPA-10-17591
R-17	7041	P2A	1124	04/27/11	WG	Oxidation Reduction Potential	64.3	mV	CAPA-11-9289
R-17	7041	P2A	1124	01/20/11	WG	Oxidation Reduction Potential	214.4	mV	CAPA-11-2984
R-17	7041	P2A	1124	10/22/10	WG	Oxidation Reduction Potential	432.9	mV	CAPA-10-26963
R-17	7041	P2A	1124	08/04/10	WG	Oxidation Reduction Potential	249.6	mV	CAPA-10-24097
R-17	7041	P2A	1124	06/14/10	WG	Oxidation Reduction Potential	102.1	mV	CAPA-10-17591

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-17	7041	P2A	1124	04/27/11	WG	pH	7.99	SU	CAPA-11-9289
R-17	7041	P2A	1124	01/20/11	WG	pH	7.76	SU	CAPA-11-2984
R-17	7041	P2A	1124	10/22/10	WG	pH	7.71	SU	CAPA-10-26963
R-17	7041	P2A	1124	08/04/10	WG	pH	7.67	SU	CAPA-10-24097
R-17	7041	P2A	1124	06/14/10	WG	pH	7.74	SU	CAPA-10-17591
R-17	7041	P2A	1124	04/27/11	WG	Specific Conductance	119	µS/cm	CAPA-11-9289
R-17	7041	P2A	1124	01/20/11	WG	Specific Conductance	118	µS/cm	CAPA-11-2984
R-17	7041	P2A	1124	10/22/10	WG	Specific Conductance	120	µS/cm	CAPA-10-26963
R-17	7041	P2A	1124	08/04/10	WG	Specific Conductance	119	µS/cm	CAPA-10-24097
R-17	7041	P2A	1124	06/14/10	WG	Specific Conductance	109	µS/cm	CAPA-10-17591
R-17	7041	P2A	1124	04/27/11	WG	Temperature	21.51	deg C	CAPA-11-9289
R-17	7041	P2A	1124	01/20/11	WG	Temperature	21.43	deg C	CAPA-11-2984
R-17	7041	P2A	1124	10/22/10	WG	Temperature	19.45	deg C	CAPA-10-26963
R-17	7041	P2A	1124	08/04/10	WG	Temperature	22.7	deg C	CAPA-10-24097
R-17	7041	P2A	1124	06/14/10	WG	Temperature	22.41	deg C	CAPA-10-17591
R-17	7041	P2A	1124	04/27/11	WG	Turbidity	0.3	NTU	CAPA-11-9289
R-17	7041	P2A	1124	01/20/11	WG	Turbidity	0.3	NTU	CAPA-11-2984
R-17	7041	P2A	1124	10/22/10	WG	Turbidity	0.58	NTU	CAPA-10-26963
R-17	7041	P2A	1124	08/04/10	WG	Turbidity	0.41	NTU	CAPA-10-24097
R-17	7041	P2A	1124	06/14/10	WG	Turbidity	0.24	NTU	CAPA-10-17591
R-18	5861	Single	1358	04/22/11	WG	Dissolved Oxygen	6.06	mg/L	CAPA-11-9292
R-18	5861	Single	1358	10/21/10	WG	Dissolved Oxygen	5.09	mg/L	CAPA-10-27415
R-18	5861	Single	1358	03/11/10	WG	Dissolved Oxygen	9.31	mg/L	CAPA-10-12807
R-18	5861	Single	1358	09/14/09	WG	Dissolved Oxygen	4.53	mg/L	CAPA-09-12168
R-18	5861	Single	1358	05/28/09	WG	Dissolved Oxygen	5.53	mg/L	CAPA-09-9404
R-18	5861	Single	1358	04/22/11	WG	Oxidation Reduction Potential	113.5	mV	CAPA-11-9292
R-18	5861	Single	1358	10/21/10	WG	Oxidation Reduction Potential	500.9	mV	CAPA-10-27415
R-18	5861	Single	1358	03/11/10	WG	Oxidation Reduction Potential	275.8	mV	CAPA-10-12807

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-18	5861	Single	1358	09/14/09	WG	Oxidation Reduction Potential	404.4	mV	CAPA-09-12168
R-18	5861	Single	1358	05/28/09	WG	Oxidation Reduction Potential	298.5	mV	CAPA-09-9404
R-18	5861	Single	1358	04/22/11	WG	pH	7.74	SU	CAPA-11-9292
R-18	5861	Single	1358	10/21/10	WG	pH	7.47	SU	CAPA-10-27415
R-18	5861	Single	1358	03/11/10	WG	pH	7.59	SU	CAPA-10-12807
R-18	5861	Single	1358	09/14/09	WG	pH	7.49	SU	CAPA-09-12168
R-18	5861	Single	1358	05/28/09	WG	pH	7.53	SU	CAPA-09-9404
R-18	5861	Single	1358	04/22/11	WG	Specific Conductance	113	µS/cm	CAPA-11-9292
R-18	5861	Single	1358	10/21/10	WG	Specific Conductance	113	µS/cm	CAPA-10-27415
R-18	5861	Single	1358	03/11/10	WG	Specific Conductance	117	µS/cm	CAPA-10-12807
R-18	5861	Single	1358	09/14/09	WG	Specific Conductance	110	µS/cm	CAPA-09-12168
R-18	5861	Single	1358	05/28/09	WG	Specific Conductance	105	µS/cm	CAPA-09-9404
R-18	5861	Single	1358	04/22/11	WG	Temperature	15.73	deg C	CAPA-11-9292
R-18	5861	Single	1358	10/21/10	WG	Temperature	15.53	deg C	CAPA-10-27415
R-18	5861	Single	1358	03/11/10	WG	Temperature	14.35	deg C	CAPA-10-12807
R-18	5861	Single	1358	09/14/09	WG	Temperature	17.29	deg C	CAPA-09-12168
R-18	5861	Single	1358	05/28/09	WG	Temperature	16.05	deg C	CAPA-09-9404
R-18	5861	Single	1358	04/22/11	WG	Turbidity	0.55	NTU	CAPA-11-9292
R-18	5861	Single	1358	10/21/10	WG	Turbidity	0.27	NTU	CAPA-10-27415
R-18	5861	Single	1358	03/11/10	WG	Turbidity	0.81	NTU	CAPA-10-12807
R-18	5861	Single	1358	09/14/09	WG	Turbidity	0.32	NTU	CAPA-09-12168
R-18	5861	Single	1358	05/28/09	WG	Turbidity	0.35	NTU	CAPA-09-9404
R-19	232	MP2A	909.3	05/12/11	WG	Dissolved Oxygen	6.59	mg/L	CAPA-11-9564
R-19	232	MP2A	909.3	10/15/10	WG	Dissolved Oxygen	3.46	mg/L	CAPA-10-26954
R-19	232	MP2A	909.3	06/02/10	WG	Dissolved Oxygen	3.85	mg/L	CAPA-10-17572
R-19	232	MP2A	909.3	02/25/10	WG	Dissolved Oxygen	5.12	mg/L	CAPA-10-12794
R-19	232	MP2A	909.3	12/03/09	WG	Dissolved Oxygen	6.85	mg/L	CAPA-10-6108
R-19	232	MP2A	909.3	05/12/11	WG	pH	8.27	SU	CAPA-11-9564

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19	232	MP2A	909.3	10/15/10	WG	pH	8.04	SU	CAPA-10-26954
R-19	232	MP2A	909.3	06/02/10	WG	pH	7.96	SU	CAPA-10-17572
R-19	232	MP2A	909.3	02/25/10	WG	pH	7.76	SU	CAPA-10-12794
R-19	232	MP2A	909.3	12/03/09	WG	pH	7.91	SU	CAPA-10-6108
R-19	232	MP2A	909.3	05/12/11	WG	Specific Conductance	169	µS/cm	CAPA-11-9564
R-19	232	MP2A	909.3	10/15/10	WG	Specific Conductance	168	µS/cm	CAPA-10-26954
R-19	232	MP2A	909.3	06/02/10	WG	Specific Conductance	169	µS/cm	CAPA-10-17572
R-19	232	MP2A	909.3	02/25/10	WG	Specific Conductance	164	µS/cm	CAPA-10-12794
R-19	232	MP2A	909.3	12/03/09	WG	Specific Conductance	167	µS/cm	CAPA-10-6108
R-19	232	MP2A	909.3	05/12/11	WG	Temperature	17.79	deg C	CAPA-11-9564
R-19	232	MP2A	909.3	10/15/10	WG	Temperature	19.12	deg C	CAPA-10-26954
R-19	232	MP2A	909.3	06/02/10	WG	Temperature	19.47	deg C	CAPA-10-17572
R-19	232	MP2A	909.3	02/25/10	WG	Temperature	12.8	deg C	CAPA-10-12794
R-19	232	MP2A	909.3	12/03/09	WG	Temperature	12.67	deg C	CAPA-10-6108
R-19	232	MP2A	909.3	05/12/11	WG	Turbidity	0.44	NTU	CAPA-11-9564
R-19	232	MP2A	909.3	10/15/10	WG	Turbidity	0.31	NTU	CAPA-10-26954
R-19	232	MP2A	909.3	06/02/10	WG	Turbidity	0.32	NTU	CAPA-10-17572
R-19	232	MP2A	909.3	02/25/10	WG	Turbidity	0.95	NTU	CAPA-10-12794
R-19	232	MP2A	909.3	12/03/09	WG	Turbidity	1.14	NTU	CAPA-10-6108
R-19	282	MP3A	1190.7	05/10/11	WG	Dissolved Oxygen	7.13	mg/L	CAPA-11-9578
R-19	282	MP3A	1190.7	01/21/11	WG	Dissolved Oxygen	4.85	mg/L	CAPA-11-2969
R-19	282	MP3A	1190.7	10/15/10	WG	Dissolved Oxygen	6.09	mg/L	CAPA-10-27366
R-19	282	MP3A	1190.7	07/29/10	WG	Dissolved Oxygen	9.37	mg/L	CAPA-10-24099
R-19	282	MP3A	1190.7	06/03/10	WG	Dissolved Oxygen	4.72	mg/L	CAPA-10-17593
R-19	282	MP3A	1190.7	05/10/11	WG	pH	7.97	SU	CAPA-11-9578
R-19	282	MP3A	1190.7	01/21/11	WG	pH	8.06	SU	CAPA-11-2969
R-19	282	MP3A	1190.7	10/15/10	WG	pH	7.52	SU	CAPA-10-27366
R-19	282	MP3A	1190.7	07/29/10	WG	pH	7.67	SU	CAPA-10-24099

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19	282	MP3A	1190.7	06/03/10	WG	pH	7.73	SU	CAPA-10-17593
R-19	282	MP3A	1190.7	05/10/11	WG	Specific Conductance	132	µS/cm	CAPA-11-9578
R-19	282	MP3A	1190.7	01/21/11	WG	Specific Conductance	148	µS/cm	CAPA-11-2969
R-19	282	MP3A	1190.7	10/15/10	WG	Specific Conductance	126	µS/cm	CAPA-10-27366
R-19	282	MP3A	1190.7	07/29/10	WG	Specific Conductance	125	µS/cm	CAPA-10-24099
R-19	282	MP3A	1190.7	06/03/10	WG	Specific Conductance	133	µS/cm	CAPA-10-17593
R-19	282	MP3A	1190.7	05/10/11	WG	Temperature	19.5	deg C	CAPA-11-9578
R-19	282	MP3A	1190.7	01/21/11	WG	Temperature	18.73	deg C	CAPA-11-2969
R-19	282	MP3A	1190.7	10/15/10	WG	Temperature	19.77	deg C	CAPA-10-27366
R-19	282	MP3A	1190.7	07/29/10	WG	Temperature	24.08	deg C	CAPA-10-24099
R-19	282	MP3A	1190.7	06/03/10	WG	Temperature	21.45	deg C	CAPA-10-17593
R-19	282	MP3A	1190.7	05/10/11	WG	Turbidity	0.51	NTU	CAPA-11-9578
R-19	282	MP3A	1190.7	01/21/11	WG	Turbidity	6.05	NTU	CAPA-11-2969
R-19	282	MP3A	1190.7	10/15/10	WG	Turbidity	0.2	NTU	CAPA-10-27366
R-19	282	MP3A	1190.7	07/29/10	WG	Turbidity	0.42	NTU	CAPA-10-24099
R-19	282	MP3A	1190.7	06/03/10	WG	Turbidity	0.62	NTU	CAPA-10-17593
R-19	352	MP4A	1412.9	05/10/11	WG	Dissolved Oxygen	6.5	mg/L	CAPA-11-9582
R-19	352	MP4A	1412.9	01/21/11	WG	Dissolved Oxygen	10.08	mg/L	CAPA-11-2973
R-19	352	MP4A	1412.9	10/14/10	WG	Dissolved Oxygen	7.21	mg/L	CAPA-10-27369
R-19	352	MP4A	1412.9	07/30/10	WG	Dissolved Oxygen	5.65	mg/L	CAPA-10-24102
R-19	352	MP4A	1412.9	06/03/10	WG	Dissolved Oxygen	8.03	mg/L	CAPA-10-17598
R-19	352	MP4A	1412.9	05/10/11	WG	pH	8.11	SU	CAPA-11-9582
R-19	352	MP4A	1412.9	01/21/11	WG	pH	7.65	SU	CAPA-11-2973
R-19	352	MP4A	1412.9	10/14/10	WG	pH	7.68	SU	CAPA-10-27369
R-19	352	MP4A	1412.9	07/30/10	WG	pH	7.8	SU	CAPA-10-24102
R-19	352	MP4A	1412.9	06/03/10	WG	pH	7.88	SU	CAPA-10-17598
R-19	352	MP4A	1412.9	05/10/11	WG	Specific Conductance	113	µS/cm	CAPA-11-9582
R-19	352	MP4A	1412.9	01/21/11	WG	Specific Conductance	121	µS/cm	CAPA-11-2973

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19	352	MP4A	1412.9	10/14/10	WG	Specific Conductance	116	µS/cm	CAPA-10-27369
R-19	352	MP4A	1412.9	07/30/10	WG	Specific Conductance	106	µS/cm	CAPA-10-24102
R-19	352	MP4A	1412.9	06/03/10	WG	Specific Conductance	113	µS/cm	CAPA-10-17598
R-19	352	MP4A	1412.9	05/10/11	WG	Temperature	19.36	deg C	CAPA-11-9582
R-19	352	MP4A	1412.9	01/21/11	WG	Temperature	18.65	deg C	CAPA-11-2973
R-19	352	MP4A	1412.9	10/14/10	WG	Temperature	21.32	deg C	CAPA-10-27369
R-19	352	MP4A	1412.9	07/30/10	WG	Temperature	23.81	deg C	CAPA-10-24102
R-19	352	MP4A	1412.9	06/03/10	WG	Temperature	22.41	deg C	CAPA-10-17598
R-19	352	MP4A	1412.9	05/10/11	WG	Turbidity	0.68	NTU	CAPA-11-9582
R-19	352	MP4A	1412.9	01/21/11	WG	Turbidity	0.54	NTU	CAPA-11-2973
R-19	352	MP4A	1412.9	10/14/10	WG	Turbidity	0.86	NTU	CAPA-10-27369
R-19	352	MP4A	1412.9	07/30/10	WG	Turbidity	0.35	NTU	CAPA-10-24102
R-19	352	MP4A	1412.9	06/03/10	WG	Turbidity	0.53	NTU	CAPA-10-17598
R-20	8441	P1A	904.6	04/20/11	WG	Dissolved Oxygen	1.17	mg/L	CAPA-11-9309
R-20	8441	P1A	904.6	01/27/11	WG	Dissolved Oxygen	1.15	mg/L	CAPA-11-3007
R-20	8441	P1A	904.6	01/27/11	WG	Dissolved Oxygen	1.1	mg/L	CAPA-11-3484
R-20	8441	P1A	904.6	01/26/11	WG	Dissolved Oxygen	0.97	mg/L	CAPA-11-3479
R-20	8441	P1A	904.6	01/26/11	WG	Dissolved Oxygen	2.14	mg/L	CAPA-11-3472
R-20	8441	P1A	904.6	04/20/11	WG	Oxidation Reduction Potential	-101.7	mV	CAPA-11-9309
R-20	8441	P1A	904.6	01/27/11	WG	Oxidation Reduction Potential	330.8	mV	CAPA-11-3007
R-20	8441	P1A	904.6	01/27/11	WG	Oxidation Reduction Potential	100.7	mV	CAPA-11-3484
R-20	8441	P1A	904.6	01/26/11	WG	Oxidation Reduction Potential	61.8	mV	CAPA-11-3479
R-20	8441	P1A	904.6	01/26/11	WG	Oxidation Reduction Potential	57.6	mV	CAPA-11-3472
R-20	8441	P1A	904.6	04/20/11	WG	pH	8.63	SU	CAPA-11-9309
R-20	8441	P1A	904.6	01/27/11	WG	pH	8.22	SU	CAPA-11-3007
R-20	8441	P1A	904.6	01/27/11	WG	pH	8.42	SU	CAPA-11-3484
R-20	8441	P1A	904.6	01/26/11	WG	pH	8.49	SU	CAPA-11-3479
R-20	8441	P1A	904.6	01/26/11	WG	pH	8.48	SU	CAPA-11-3472

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-20	8441	P1A	904.6	04/20/11	WG	Specific Conductance	145	µS/cm	CAPA-11-9309
R-20	8441	P1A	904.6	01/27/11	WG	Specific Conductance	145	µS/cm	CAPA-11-3007
R-20	8441	P1A	904.6	01/27/11	WG	Specific Conductance	142	µS/cm	CAPA-11-3484
R-20	8441	P1A	904.6	01/26/11	WG	Specific Conductance	141	µS/cm	CAPA-11-3479
R-20	8441	P1A	904.6	01/26/11	WG	Specific Conductance	146	µS/cm	CAPA-11-3472
R-20	8441	P1A	904.6	04/20/11	WG	Temperature	17.7	deg C	CAPA-11-9309
R-20	8441	P1A	904.6	01/27/11	WG	Temperature	14.12	deg C	CAPA-11-3007
R-20	8441	P1A	904.6	01/27/11	WG	Temperature	14.17	deg C	CAPA-11-3484
R-20	8441	P1A	904.6	01/26/11	WG	Temperature	17.47	deg C	CAPA-11-3479
R-20	8441	P1A	904.6	01/26/11	WG	Temperature	17.06	deg C	CAPA-11-3472
R-20	8441	P1A	904.6	04/20/11	WG	Turbidity	1.78	NTU	CAPA-11-9309
R-20	8441	P1A	904.6	01/27/11	WG	Turbidity	1.64	NTU	CAPA-11-3007
R-20	8441	P1A	904.6	01/27/11	WG	Turbidity	0.82	NTU	CAPA-11-3484
R-20	8441	P1A	904.6	01/26/11	WG	Turbidity	0.67	NTU	CAPA-11-3479
R-20	8441	P1A	904.6	01/26/11	WG	Turbidity	0.56	NTU	CAPA-11-3472
R-20	8451	P2A	1147.1	04/25/11	WG	Dissolved Oxygen	2.41	mg/L	CAPA-11-9314
R-20	8451	P2A	1147.1	01/21/11	WG	Dissolved Oxygen	2.99	mg/L	CAPA-11-3010
R-20	8451	P2A	1147.1	01/21/11	WG	Dissolved Oxygen	2.96	mg/L	CAPA-11-3489
R-20	8451	P2A	1147.1	01/21/11	WG	Dissolved Oxygen	2.72	mg/L	CAPA-11-3483
R-20	8451	P2A	1147.1	01/21/11	WG	Dissolved Oxygen	2.44	mg/L	CAPA-11-3476
R-20	8451	P2A	1147.1	04/25/11	WG	Oxidation Reduction Potential	-74.5	mV	CAPA-11-9314
R-20	8451	P2A	1147.1	01/21/11	WG	Oxidation Reduction Potential	231.2	mV	CAPA-11-3010
R-20	8451	P2A	1147.1	01/21/11	WG	Oxidation Reduction Potential	239.2	mV	CAPA-11-3489
R-20	8451	P2A	1147.1	01/21/11	WG	Oxidation Reduction Potential	220	mV	CAPA-11-3483
R-20	8451	P2A	1147.1	01/21/11	WG	Oxidation Reduction Potential	193.2	mV	CAPA-11-3476
R-20	8451	P2A	1147.1	04/25/11	WG	pH	7.94	SU	CAPA-11-9314
R-20	8451	P2A	1147.1	01/21/11	WG	pH	7.86	SU	CAPA-11-3010
R-20	8451	P2A	1147.1	01/21/11	WG	pH	7.85	SU	CAPA-11-3489

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-20	8451	P2A	1147.1	01/21/11	WG	pH	7.9	SU	CAPA-11-3483
R-20	8451	P2A	1147.1	01/21/11	WG	pH	7.95	SU	CAPA-11-3476
R-20	8451	P2A	1147.1	04/25/11	WG	Specific Conductance	142	µS/cm	CAPA-11-9314
R-20	8451	P2A	1147.1	01/21/11	WG	Specific Conductance	128	µS/cm	CAPA-11-3010
R-20	8451	P2A	1147.1	01/21/11	WG	Specific Conductance	129	µS/cm	CAPA-11-3489
R-20	8451	P2A	1147.1	01/21/11	WG	Specific Conductance	132	µS/cm	CAPA-11-3483
R-20	8451	P2A	1147.1	01/21/11	WG	Specific Conductance	138	µS/cm	CAPA-11-3476
R-20	8451	P2A	1147.1	04/25/11	WG	Temperature	19.58	deg C	CAPA-11-9314
R-20	8451	P2A	1147.1	01/21/11	WG	Temperature	20.48	deg C	CAPA-11-3010
R-20	8451	P2A	1147.1	01/21/11	WG	Temperature	19.24	deg C	CAPA-11-3489
R-20	8451	P2A	1147.1	01/21/11	WG	Temperature	19.62	deg C	CAPA-11-3483
R-20	8451	P2A	1147.1	01/21/11	WG	Temperature	19.32	deg C	CAPA-11-3476
R-20	8451	P2A	1147.1	04/25/11	WG	Turbidity	0.69	NTU	CAPA-11-9314
R-20	8451	P2A	1147.1	01/21/11	WG	Turbidity	0.35	NTU	CAPA-11-3010
R-20	8451	P2A	1147.1	01/21/11	WG	Turbidity	0.37	NTU	CAPA-11-3489
R-20	8451	P2A	1147.1	01/21/11	WG	Turbidity	0.5	NTU	CAPA-11-3483
R-20	8451	P2A	1147.1	01/21/11	WG	Turbidity	1.1	NTU	CAPA-11-3476
R-21	1761	Single	888.8	04/19/11	WG	Dissolved Oxygen	6.29	mg/L	CAPA-11-9316
R-21	1761	Single	888.8	01/27/11	WG	Dissolved Oxygen	5.25	mg/L	CAPA-11-3013
R-21	1761	Single	888.8	10/11/10	WG	Dissolved Oxygen	5.33	mg/L	CAPA-10-27382
R-21	1761	Single	888.8	08/11/10	WG	Dissolved Oxygen	5.74	mg/L	CAPA-10-24115
R-21	1761	Single	888.8	06/11/10	WG	Dissolved Oxygen	5.82	mg/L	CAPA-10-17672
R-21	1761	Single	888.8	04/19/11	WG	Oxidation Reduction Potential	149.2	mV	CAPA-11-9316
R-21	1761	Single	888.8	01/27/11	WG	Oxidation Reduction Potential	74.1	mV	CAPA-11-3013
R-21	1761	Single	888.8	10/11/10	WG	Oxidation Reduction Potential	89.4	mV	CAPA-10-27382
R-21	1761	Single	888.8	08/11/10	WG	Oxidation Reduction Potential	195.1	mV	CAPA-10-24115
R-21	1761	Single	888.8	06/11/10	WG	Oxidation Reduction Potential	85.7	mV	CAPA-10-17672
R-21	1761	Single	888.8	04/19/11	WG	pH	8.03	SU	CAPA-11-9316

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-21	1761	Single	888.8	01/27/11	WG	pH	7.91	SU	CAPA-11-3013
R-21	1761	Single	888.8	10/11/10	WG	pH	7.87	SU	CAPA-10-27382
R-21	1761	Single	888.8	08/11/10	WG	pH	7.73	SU	CAPA-10-24115
R-21	1761	Single	888.8	06/11/10	WG	pH	7.63	SU	CAPA-10-17672
R-21	1761	Single	888.8	04/19/11	WG	Specific Conductance	127	µS/cm	CAPA-11-9316
R-21	1761	Single	888.8	01/27/11	WG	Specific Conductance	124	µS/cm	CAPA-11-3013
R-21	1761	Single	888.8	10/11/10	WG	Specific Conductance	126	µS/cm	CAPA-10-27382
R-21	1761	Single	888.8	08/11/10	WG	Specific Conductance	132	µS/cm	CAPA-10-24115
R-21	1761	Single	888.8	06/11/10	WG	Specific Conductance	121	µS/cm	CAPA-10-17672
R-21	1761	Single	888.8	04/19/11	WG	Temperature	21.33	deg C	CAPA-11-9316
R-21	1761	Single	888.8	01/27/11	WG	Temperature	21.05	deg C	CAPA-11-3013
R-21	1761	Single	888.8	10/11/10	WG	Temperature	20.64	deg C	CAPA-10-27382
R-21	1761	Single	888.8	08/11/10	WG	Temperature	23.43	deg C	CAPA-10-24115
R-21	1761	Single	888.8	06/11/10	WG	Temperature	22.11	deg C	CAPA-10-17672
R-21	1761	Single	888.8	04/19/11	WG	Turbidity	0.22	NTU	CAPA-11-9316
R-21	1761	Single	888.8	01/27/11	WG	Turbidity	0.2	NTU	CAPA-11-3013
R-21	1761	Single	888.8	10/11/10	WG	Turbidity	0.21	NTU	CAPA-10-27382
R-21	1761	Single	888.8	08/11/10	WG	Turbidity	0.58	NTU	CAPA-10-24115
R-21	1761	Single	888.8	06/11/10	WG	Turbidity	0.11	NTU	CAPA-10-17672
R-23	1771	Single	816	04/18/11	WG	Dissolved Oxygen	6.92	mg/L	CAPA-11-9588
R-23	1771	Single	816	01/24/11	WG	Dissolved Oxygen	5.57	mg/L	CAPA-11-2976
R-23	1771	Single	816	10/22/10	WG	Dissolved Oxygen	7.78	mg/L	CAPA-10-27384
R-23	1771	Single	816	08/12/10	WG	Dissolved Oxygen	5.19	mg/L	CAPA-10-24119
R-23	1771	Single	816	06/09/10	WG	Dissolved Oxygen	6.4	mg/L	CAPA-10-17737
R-23	1771	Single	816	04/18/11	WG	Oxidation Reduction Potential	103.1	mV	CAPA-11-9588
R-23	1771	Single	816	01/24/11	WG	Oxidation Reduction Potential	207.4	mV	CAPA-11-2976
R-23	1771	Single	816	10/22/10	WG	Oxidation Reduction Potential	279.5	mV	CAPA-10-27384
R-23	1771	Single	816	08/12/10	WG	Oxidation Reduction Potential	362.8	mV	CAPA-10-24119

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23	1771	Single	816	06/09/10	WG	Oxidation Reduction Potential	67.9	mV	CAPA-10-17737
R-23	1771	Single	816	04/18/11	WG	pH	8.07	SU	CAPA-11-9588
R-23	1771	Single	816	01/24/11	WG	pH	7.69	SU	CAPA-11-2976
R-23	1771	Single	816	10/22/10	WG	pH	7.8	SU	CAPA-10-27384
R-23	1771	Single	816	04/18/11	WG	Specific Conductance	172	µS/cm	CAPA-11-9588
R-23	1771	Single	816	01/24/11	WG	Specific Conductance	166	µS/cm	CAPA-11-2976
R-23	1771	Single	816	10/22/10	WG	Specific Conductance	169	µS/cm	CAPA-10-27384
R-23	1771	Single	816	04/18/11	WG	Temperature	21.99	deg C	CAPA-11-9588
R-23	1771	Single	816	01/24/11	WG	Temperature	18.74	deg C	CAPA-11-2976
R-23	1771	Single	816	10/22/10	WG	Temperature	21.39	deg C	CAPA-10-27384
R-23	1771	Single	816	08/12/10	WG	Temperature	20.01	deg C	CAPA-10-24119
R-23	1771	Single	816	06/09/10	WG	Temperature	21.87	deg C	CAPA-10-17737
R-23	1771	Single	816	04/18/11	WG	Turbidity	0.69	NTU	CAPA-11-9588
R-23	1771	Single	816	01/24/11	WG	Turbidity	0.53	NTU	CAPA-11-2976
R-23	1771	Single	816	10/22/10	WG	Turbidity	0.49	NTU	CAPA-10-27384
R-23	1771	Single	816	08/12/10	WG	Turbidity	1.86	NTU	CAPA-10-24119
R-23	1771	Single	816	06/09/10	WG	Turbidity	1.16	NTU	CAPA-10-17737
R-23i	7001	P1A	400.3	04/28/11	WG	Dissolved Oxygen	6.8	mg/L	CAPA-11-9568
R-23i	7001	P1A	400.3	01/14/11	WG	Dissolved Oxygen	5.41	mg/L	CAPA-11-2958
R-23i	7001	P1A	400.3	10/21/10	WG	Dissolved Oxygen	6.98	mg/L	CAPA-10-26931
R-23i	7001	P1A	400.3	08/09/10	WG	Dissolved Oxygen	5.74	mg/L	CAPA-10-24089
R-23i	7001	P1A	400.3	06/15/10	WG	Dissolved Oxygen	7.03	mg/L	CAPA-10-17584
R-23i	7001	P1A	400.3	04/28/11	WG	Oxidation Reduction Potential	172.2	mV	CAPA-11-9568
R-23i	7001	P1A	400.3	01/14/11	WG	Oxidation Reduction Potential	250	mV	CAPA-11-2958
R-23i	7001	P1A	400.3	10/21/10	WG	Oxidation Reduction Potential	417.5	mV	CAPA-10-26931
R-23i	7001	P1A	400.3	08/09/10	WG	Oxidation Reduction Potential	267	mV	CAPA-10-24089
R-23i	7001	P1A	400.3	06/15/10	WG	Oxidation Reduction Potential	145.9	mV	CAPA-10-17584
R-23i	7001	P1A	400.3	04/28/11	WG	pH	7.55	SU	CAPA-11-9568

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23i	7001	P1A	400.3	01/14/11	WG	pH	7.62	SU	CAPA-11-2958
R-23i	7001	P1A	400.3	10/21/10	WG	pH	7.27	SU	CAPA-10-26931
R-23i	7001	P1A	400.3	08/09/10	WG	pH	7.35	SU	CAPA-10-24089
R-23i	7001	P1A	400.3	06/15/10	WG	pH	7.51	SU	CAPA-10-17584
R-23i	7001	P1A	400.3	04/28/11	WG	Specific Conductance	275	µS/cm	CAPA-11-9568
R-23i	7001	P1A	400.3	01/14/11	WG	Specific Conductance	277	µS/cm	CAPA-11-2958
R-23i	7001	P1A	400.3	10/21/10	WG	Specific Conductance	296	µS/cm	CAPA-10-26931
R-23i	7001	P1A	400.3	08/09/10	WG	Specific Conductance	289	µS/cm	CAPA-10-24089
R-23i	7001	P1A	400.3	06/15/10	WG	Specific Conductance	264	µS/cm	CAPA-10-17584
R-23i	7001	P1A	400.3	04/28/11	WG	Temperature	15.17	deg C	CAPA-11-9568
R-23i	7001	P1A	400.3	01/14/11	WG	Temperature	14.15	deg C	CAPA-11-2958
R-23i	7001	P1A	400.3	10/21/10	WG	Temperature	14.6	deg C	CAPA-10-26931
R-23i	7001	P1A	400.3	08/09/10	WG	Temperature	20.02	deg C	CAPA-10-24089
R-23i	7001	P1A	400.3	06/15/10	WG	Temperature	17.26	deg C	CAPA-10-17584
R-23i	7001	P1A	400.3	04/28/11	WG	Turbidity	3.1	NTU	CAPA-11-9568
R-23i	7001	P1A	400.3	01/14/11	WG	Turbidity	2.92	NTU	CAPA-11-2958
R-23i	7001	P1A	400.3	10/21/10	WG	Turbidity	4.6	NTU	CAPA-10-26931
R-23i	7001	P1A	400.3	08/09/10	WG	Turbidity	2.28	NTU	CAPA-10-24089
R-23i	7001	P1A	400.3	06/15/10	WG	Turbidity	5.95	NTU	CAPA-10-17584
R-23i	7011	P2A	470.2	05/03/11	WG	Dissolved Oxygen	6.02	mg/L	CAPA-11-9574
R-23i	7011	P2A	470.2	01/18/11	WG	Dissolved Oxygen	5.06	mg/L	CAPA-11-2962
R-23i	7011	P2A	470.2	10/18/10	WG	Dissolved Oxygen	4.66	mg/L	CAPA-10-26945
R-23i	7011	P2A	470.2	08/04/10	WG	Dissolved Oxygen	5.32	mg/L	CAPA-10-24083
R-23i	7011	P2A	470.2	06/17/10	WG	Dissolved Oxygen	13.77	mg/L	CAPA-10-17577
R-23i	7011	P2A	470.2	05/03/11	WG	Oxidation Reduction Potential	260.4	mV	CAPA-11-9574
R-23i	7011	P2A	470.2	01/18/11	WG	Oxidation Reduction Potential	349.8	mV	CAPA-11-2962
R-23i	7011	P2A	470.2	10/18/10	WG	Oxidation Reduction Potential	56.7	mV	CAPA-10-26945
R-23i	7011	P2A	470.2	08/04/10	WG	Oxidation Reduction Potential	53.8	mV	CAPA-10-24083

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23i	7011	P2A	470.2	06/17/10	WG	Oxidation Reduction Potential	66.1	mV	CAPA-10-17577
R-23i	7011	P2A	470.2	05/03/11	WG	pH	8.12	SU	CAPA-11-9574
R-23i	7011	P2A	470.2	01/18/11	WG	pH	8.02	SU	CAPA-11-2962
R-23i	7011	P2A	470.2	10/18/10	WG	pH	7.83	SU	CAPA-10-26945
R-23i	7011	P2A	470.2	08/04/10	WG	pH	7.84	SU	CAPA-10-24083
R-23i	7011	P2A	470.2	05/03/11	WG	Specific Conductance	190	µS/cm	CAPA-11-9574
R-23i	7011	P2A	470.2	01/18/11	WG	Specific Conductance	206	µS/cm	CAPA-11-2962
R-23i	7011	P2A	470.2	10/18/10	WG	Specific Conductance	207	µS/cm	CAPA-10-26945
R-23i	7011	P2A	470.2	08/04/10	WG	Specific Conductance	214	µS/cm	CAPA-10-24083
R-23i	7011	P2A	470.2	05/03/11	WG	Temperature	15.76	deg C	CAPA-11-9574
R-23i	7011	P2A	470.2	01/18/11	WG	Temperature	15.48	deg C	CAPA-11-2962
R-23i	7011	P2A	470.2	10/18/10	WG	Temperature	15.98	deg C	CAPA-10-26945
R-23i	7011	P2A	470.2	08/04/10	WG	Temperature	17.06	deg C	CAPA-10-24083
R-23i	7011	P2A	470.2	06/17/10	WG	Temperature	16.23	deg C	CAPA-10-17577
R-23i	7011	P2A	470.2	05/03/11	WG	Turbidity	0.44	NTU	CAPA-11-9574
R-23i	7011	P2A	470.2	01/18/11	WG	Turbidity	0.32	NTU	CAPA-11-2962
R-23i	7011	P2A	470.2	10/18/10	WG	Turbidity	1.53	NTU	CAPA-10-26945
R-23i	7011	P2A	470.2	08/04/10	WG	Turbidity	0.41	NTU	CAPA-10-24083
R-23i	7011	P2A	470.2	06/17/10	WG	Turbidity	1.02	NTU	CAPA-10-17577
R-23i	7021	P3A	524	04/18/11	WG	Dissolved Oxygen	6.06	mg/L	CAPA-11-9575
R-23i	7021	P3A	524	01/24/11	WG	Dissolved Oxygen	5.41	mg/L	CAPA-11-2965
R-23i	7021	P3A	524	10/18/10	WG	Dissolved Oxygen	5.25	mg/L	CAPA-10-26948
R-23i	7021	P3A	524	08/04/10	WG	Dissolved Oxygen	5.38	mg/L	CAPA-10-24086
R-23i	7021	P3A	524	06/16/10	WG	Dissolved Oxygen	5.05	mg/L	CAPA-10-17579
R-23i	7021	P3A	524	04/18/11	WG	Oxidation Reduction Potential	79.5	mV	CAPA-11-9575
R-23i	7021	P3A	524	01/24/11	WG	Oxidation Reduction Potential	128.2	mV	CAPA-11-2965
R-23i	7021	P3A	524	10/18/10	WG	Oxidation Reduction Potential	-19.4	mV	CAPA-10-26948
R-23i	7021	P3A	524	08/04/10	WG	Oxidation Reduction Potential	9.9	mV	CAPA-10-24086

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-23i	7021	P3A	524	06/16/10	WG	Oxidation Reduction Potential	8	mV	CAPA-10-17579
R-23i	7021	P3A	524	04/18/11	WG	pH	8.23	SU	CAPA-11-9575
R-23i	7021	P3A	524	01/24/11	WG	pH	8.03	SU	CAPA-11-2965
R-23i	7021	P3A	524	10/18/10	WG	pH	7.98	SU	CAPA-10-26948
R-23i	7021	P3A	524	08/04/10	WG	pH	7.98	SU	CAPA-10-24086
R-23i	7021	P3A	524	06/16/10	WG	pH	8.17	SU	CAPA-10-17579
R-23i	7021	P3A	524	04/18/11	WG	Specific Conductance	189	µS/cm	CAPA-11-9575
R-23i	7021	P3A	524	01/24/11	WG	Specific Conductance	203	µS/cm	CAPA-11-2965
R-23i	7021	P3A	524	10/18/10	WG	Specific Conductance	203	µS/cm	CAPA-10-26948
R-23i	7021	P3A	524	08/04/10	WG	Specific Conductance	211	µS/cm	CAPA-10-24086
R-23i	7021	P3A	524	06/16/10	WG	Specific Conductance	180	µS/cm	CAPA-10-17579
R-23i	7021	P3A	524	04/18/11	WG	Temperature	16.55	deg C	CAPA-11-9575
R-23i	7021	P3A	524	01/24/11	WG	Temperature	16.86	deg C	CAPA-11-2965
R-23i	7021	P3A	524	10/18/10	WG	Temperature	18.44	deg C	CAPA-10-26948
R-23i	7021	P3A	524	08/04/10	WG	Temperature	20.41	deg C	CAPA-10-24086
R-23i	7021	P3A	524	06/16/10	WG	Temperature	19.05	deg C	CAPA-10-17579
R-23i	7021	P3A	524	04/18/11	WG	Turbidity	1.19	NTU	CAPA-11-9575
R-23i	7021	P3A	524	01/24/11	WG	Turbidity	1.43	NTU	CAPA-11-2965
R-23i	7021	P3A	524	10/18/10	WG	Turbidity	0.87	NTU	CAPA-10-26948
R-23i	7021	P3A	524	08/04/10	WG	Turbidity	1	NTU	CAPA-10-24086
R-23i	7021	P3A	524	06/16/10	WG	Turbidity	1.17	NTU	CAPA-10-17579
R-32	8421	Single	867.5	05/02/11	WG	Dissolved Oxygen	4.16	mg/L	CAPA-11-9318
R-32	8421	Single	867.5	01/25/11	WG	Dissolved Oxygen	4.38	mg/L	CAPA-11-3016
R-32	8421	Single	867.5	10/14/10	WG	Dissolved Oxygen	4.06	mg/L	CAPA-10-27391
R-32	8421	Single	867.5	08/06/10	WG	Dissolved Oxygen	4	mg/L	CAPA-10-24125
R-32	8421	Single	867.5	06/07/10	WG	Dissolved Oxygen	4.48	mg/L	CAPA-10-17740
R-32	8421	Single	867.5	05/02/11	WG	Oxidation Reduction Potential	82.1	mV	CAPA-11-9318
R-32	8421	Single	867.5	01/25/11	WG	Oxidation Reduction Potential	392.1	mV	CAPA-11-3016

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-32	8421	Single	867.5	10/14/10	WG	Oxidation Reduction Potential	135.9	mV	CAPA-10-27391
R-32	8421	Single	867.5	08/06/10	WG	Oxidation Reduction Potential	108.2	mV	CAPA-10-24125
R-32	8421	Single	867.5	06/07/10	WG	Oxidation Reduction Potential	100.8	mV	CAPA-10-17740
R-32	8421	Single	867.5	05/02/11	WG	pH	7.02	SU	CAPA-11-9318
R-32	8421	Single	867.5	01/25/11	WG	pH	6.87	SU	CAPA-11-3016
R-32	8421	Single	867.5	10/14/10	WG	pH	6.83	SU	CAPA-10-27391
R-32	8421	Single	867.5	08/06/10	WG	pH	6.87	SU	CAPA-10-24125
R-32	8421	Single	867.5	06/07/10	WG	pH	7.27	SU	CAPA-10-17740
R-32	8421	Single	867.5	05/02/11	WG	Specific Conductance	172	µS/cm	CAPA-11-9318
R-32	8421	Single	867.5	01/25/11	WG	Specific Conductance	168	µS/cm	CAPA-11-3016
R-32	8421	Single	867.5	10/14/10	WG	Specific Conductance	171	µS/cm	CAPA-10-27391
R-32	8421	Single	867.5	08/06/10	WG	Specific Conductance	175	µS/cm	CAPA-10-24125
R-32	8421	Single	867.5	06/07/10	WG	Specific Conductance	152	µS/cm	CAPA-10-17740
R-32	8421	Single	867.5	05/02/11	WG	Temperature	18.2	deg C	CAPA-11-9318
R-32	8421	Single	867.5	01/25/11	WG	Temperature	17.62	deg C	CAPA-11-3016
R-32	8421	Single	867.5	10/14/10	WG	Temperature	18.7	deg C	CAPA-10-27391
R-32	8421	Single	867.5	08/06/10	WG	Temperature	20.54	deg C	CAPA-10-24125
R-32	8421	Single	867.5	06/07/10	WG	Temperature	25.12	deg C	CAPA-10-17740
R-32	8421	Single	867.5	05/02/11	WG	Turbidity	0.47	NTU	CAPA-11-9318
R-32	8421	Single	867.5	01/25/11	WG	Turbidity	0.78	NTU	CAPA-11-3016
R-32	8421	Single	867.5	10/14/10	WG	Turbidity	0.86	NTU	CAPA-10-27391
R-32	8421	Single	867.5	08/06/10	WG	Turbidity	0.65	NTU	CAPA-10-24125
R-32	8421	Single	867.5	06/07/10	WG	Turbidity	0.7	NTU	CAPA-10-17740
R-37	8821	P1A	929.3	05/03/11	WG	Dissolved Oxygen	1.78	mg/L	CAPA-11-9298
R-37	8821	P1A	929.3	01/21/11	WG	Dissolved Oxygen	1.46	mg/L	CAPA-11-2990
R-37	8821	P1A	929.3	10/12/10	WG	Dissolved Oxygen	1.74	mg/L	CAPA-10-26914
R-37	8821	P1A	929.3	08/05/10	WG	Dissolved Oxygen	3.85	mg/L	CAPA-10-24066
R-37	8821	P1A	929.3	06/16/10	WG	Dissolved Oxygen	1.21	mg/L	CAPA-10-17949

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-37	8821	P1A	929.3	05/03/11	WG	Oxidation Reduction Potential	70.4	mV	CAPA-11-9298
R-37	8821	P1A	929.3	01/21/11	WG	Oxidation Reduction Potential	48.5	mV	CAPA-11-2990
R-37	8821	P1A	929.3	10/12/10	WG	Oxidation Reduction Potential	-13.8	mV	CAPA-10-26914
R-37	8821	P1A	929.3	06/16/10	WG	Oxidation Reduction Potential	32.1	mV	CAPA-10-17949
R-37	8821	P1A	929.3	03/02/10	WG	Oxidation Reduction Potential	213.8	mV	CAPA-10-12855
R-37	8821	P1A	929.3	05/03/11	WG	pH	8.04	SU	CAPA-11-9298
R-37	8821	P1A	929.3	01/21/11	WG	pH	8.4	SU	CAPA-11-2990
R-37	8821	P1A	929.3	10/12/10	WG	pH	7.8	SU	CAPA-10-26914
R-37	8821	P1A	929.3	08/05/10	WG	pH	10.61	SU	CAPA-10-24066
R-37	8821	P1A	929.3	06/16/10	WG	pH	7.85	SU	CAPA-10-17949
R-37	8821	P1A	929.3	05/03/11	WG	Specific Conductance	237	µS/cm	CAPA-11-9298
R-37	8821	P1A	929.3	01/21/11	WG	Specific Conductance	233	µS/cm	CAPA-11-2990
R-37	8821	P1A	929.3	10/12/10	WG	Specific Conductance	235	µS/cm	CAPA-10-26914
R-37	8821	P1A	929.3	08/05/10	WG	Specific Conductance	232	µS/cm	CAPA-10-24066
R-37	8821	P1A	929.3	06/16/10	WG	Specific Conductance	231	µS/cm	CAPA-10-17949
R-37	8821	P1A	929.3	05/03/11	WG	Temperature	17.74	deg C	CAPA-11-9298
R-37	8821	P1A	929.3	01/21/11	WG	Temperature	17.23	deg C	CAPA-11-2990
R-37	8821	P1A	929.3	10/12/10	WG	Temperature	18.87	deg C	CAPA-10-26914
R-37	8821	P1A	929.3	08/05/10	WG	Temperature	18.25	deg C	CAPA-10-24066
R-37	8821	P1A	929.3	06/16/10	WG	Temperature	18.1	deg C	CAPA-10-17949
R-37	8821	P1A	929.3	05/03/11	WG	Turbidity	0.45	NTU	CAPA-11-9298
R-37	8821	P1A	929.3	01/21/11	WG	Turbidity	0.77	NTU	CAPA-11-2990
R-37	8821	P1A	929.3	10/12/10	WG	Turbidity	0.6	NTU	CAPA-10-26914
R-37	8821	P1A	929.3	08/05/10	WG	Turbidity	1.68	NTU	CAPA-10-24066
R-37	8821	P1A	929.3	06/16/10	WG	Turbidity	2.02	NTU	CAPA-10-17949
R-37	8811	P2A	1026	04/26/11	WG	Dissolved Oxygen	7.53	mg/L	CAPA-11-9322
R-37	8811	P2A	1026	01/25/11	WG	Dissolved Oxygen	8.34	mg/L	CAPA-11-3019
R-37	8811	P2A	1026	10/14/10	WG	Dissolved Oxygen	6.6	mg/L	CAPA-10-27394

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-37	8811	P2A	1026	08/10/10	WG	Dissolved Oxygen	6.69	mg/L	CAPA-10-24128
R-37	8811	P2A	1026	06/08/10	WG	Dissolved Oxygen	7.53	mg/L	CAPA-10-17952
R-37	8811	P2A	1026	04/26/11	WG	Oxidation Reduction Potential	64.7	mV	CAPA-11-9322
R-37	8811	P2A	1026	01/25/11	WG	Oxidation Reduction Potential	391.7	mV	CAPA-11-3019
R-37	8811	P2A	1026	10/14/10	WG	Oxidation Reduction Potential	182.3	mV	CAPA-10-27394
R-37	8811	P2A	1026	08/10/10	WG	Oxidation Reduction Potential	362.9	mV	CAPA-10-24128
R-37	8811	P2A	1026	06/08/10	WG	Oxidation Reduction Potential	-9.8	mV	CAPA-10-17952
R-37	8811	P2A	1026	04/26/11	WG	pH	8.05	SU	CAPA-11-9322
R-37	8811	P2A	1026	01/25/11	WG	pH	7.87	SU	CAPA-11-3019
R-37	8811	P2A	1026	10/14/10	WG	pH	7.83	SU	CAPA-10-27394
R-37	8811	P2A	1026	08/10/10	WG	pH	7.58	SU	CAPA-10-24128
R-37	8811	P2A	1026	06/08/10	WG	pH	7.53	SU	CAPA-10-17952
R-37	8811	P2A	1026	04/26/11	WG	Specific Conductance	130	µS/cm	CAPA-11-9322
R-37	8811	P2A	1026	01/25/11	WG	Specific Conductance	135	µS/cm	CAPA-11-3019
R-37	8811	P2A	1026	10/14/10	WG	Specific Conductance	137	µS/cm	CAPA-10-27394
R-37	8811	P2A	1026	08/10/10	WG	Specific Conductance	131	µS/cm	CAPA-10-24128
R-37	8811	P2A	1026	06/08/10	WG	Specific Conductance	137	µS/cm	CAPA-10-17952
R-37	8811	P2A	1026	04/26/11	WG	Temperature	20.59	deg C	CAPA-11-9322
R-37	8811	P2A	1026	01/25/11	WG	Temperature	21.94	deg C	CAPA-11-3019
R-37	8811	P2A	1026	10/14/10	WG	Temperature	22.02	deg C	CAPA-10-27394
R-37	8811	P2A	1026	08/10/10	WG	Temperature	21.96	deg C	CAPA-10-24128
R-37	8811	P2A	1026	06/08/10	WG	Temperature	22.12	deg C	CAPA-10-17952
R-37	8811	P2A	1026	04/26/11	WG	Turbidity	1.27	NTU	CAPA-11-9322
R-37	8811	P2A	1026	01/25/11	WG	Turbidity	0.83	NTU	CAPA-11-3019
R-37	8811	P2A	1026	10/14/10	WG	Turbidity	1.29	NTU	CAPA-10-27394
R-37	8811	P2A	1026	08/10/10	WG	Turbidity	8.1	NTU	CAPA-10-24128
R-37	8811	P2A	1026	06/08/10	WG	Turbidity	5.48	NTU	CAPA-10-17952
R-38	8631	Single	821.2	05/06/11	WG	Dissolved Oxygen	6.99	mg/L	CAPA-11-9325

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-38	8631	Single	821.2	01/27/11	WG	Dissolved Oxygen	6	mg/L	CAPA-11-3020
R-38	8631	Single	821.2	10/11/10	WG	Dissolved Oxygen	6.61	mg/L	CAPA-10-27406
R-38	8631	Single	821.2	08/06/10	WG	Dissolved Oxygen	4.67	mg/L	CAPA-10-24148
R-38	8631	Single	821.2	08/06/10	WG	Dissolved Oxygen	5.09	mg/L	CAPA-10-24652
R-38	8631	Single	821.2	05/06/11	WG	Oxidation Reduction Potential	45.7	mV	CAPA-11-9325
R-38	8631	Single	821.2	01/27/11	WG	Oxidation Reduction Potential	58.8	mV	CAPA-11-3020
R-38	8631	Single	821.2	10/11/10	WG	Oxidation Reduction Potential	310.6	mV	CAPA-10-27406
R-38	8631	Single	821.2	08/06/10	WG	Oxidation Reduction Potential	116.5	mV	CAPA-10-24148
R-38	8631	Single	821.2	08/06/10	WG	Oxidation Reduction Potential	121.3	mV	CAPA-10-24652
R-38	8631	Single	821.2	05/06/11	WG	pH	7.32	SU	CAPA-11-9325
R-38	8631	Single	821.2	01/27/11	WG	pH	7.35	SU	CAPA-11-3020
R-38	8631	Single	821.2	10/11/10	WG	pH	7.28	SU	CAPA-10-27406
R-38	8631	Single	821.2	08/06/10	WG	pH	7.22	SU	CAPA-10-24148
R-38	8631	Single	821.2	08/06/10	WG	pH	7.15	SU	CAPA-10-24652
R-38	8631	Single	821.2	05/06/11	WG	Specific Conductance	142	µS/cm	CAPA-11-9325
R-38	8631	Single	821.2	01/27/11	WG	Specific Conductance	132	µS/cm	CAPA-11-3020
R-38	8631	Single	821.2	10/11/10	WG	Specific Conductance	141	µS/cm	CAPA-10-27406
R-38	8631	Single	821.2	08/06/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24148
R-38	8631	Single	821.2	08/06/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24652
R-38	8631	Single	821.2	05/06/11	WG	Temperature	19.09	deg C	CAPA-11-9325
R-38	8631	Single	821.2	01/27/11	WG	Temperature	17.88	deg C	CAPA-11-3020
R-38	8631	Single	821.2	10/11/10	WG	Temperature	18.31	deg C	CAPA-10-27406
R-38	8631	Single	821.2	08/06/10	WG	Temperature	19.95	deg C	CAPA-10-24148
R-38	8631	Single	821.2	08/06/10	WG	Temperature	19.19	deg C	CAPA-10-24652
R-38	8631	Single	821.2	05/06/11	WG	Turbidity	0.6	NTU	CAPA-11-9325
R-38	8631	Single	821.2	01/27/11	WG	Turbidity	0.93	NTU	CAPA-11-3020
R-38	8631	Single	821.2	10/11/10	WG	Turbidity	1.42	NTU	CAPA-10-27406
R-38	8631	Single	821.2	08/06/10	WG	Turbidity	0.8	NTU	CAPA-10-24148

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-38	8631	Single	821.2	08/06/10	WG	Turbidity	1.31	NTU	CAPA-10-24652
R-39	8641	Single	859	04/21/11	WG	Dissolved Oxygen	6.33	mg/L	CAPA-11-9340
R-39	8641	Single	859	01/26/11	WG	Dissolved Oxygen	5.12	mg/L	CAPA-11-3026
R-39	8641	Single	859	10/08/10	WG	Dissolved Oxygen	5.22	mg/L	CAPA-10-27409
R-39	8641	Single	859	08/12/10	WG	Dissolved Oxygen	3.78	mg/L	CAPA-10-24143
R-39	8641	Single	859	06/02/10	WG	Dissolved Oxygen	5.86	mg/L	CAPA-10-17901
R-39	8641	Single	859	04/21/11	WG	Oxidation Reduction Potential	134.1	mV	CAPA-11-9340
R-39	8641	Single	859	01/26/11	WG	Oxidation Reduction Potential	72.6	mV	CAPA-11-3026
R-39	8641	Single	859	10/08/10	WG	Oxidation Reduction Potential	429.7	mV	CAPA-10-27409
R-39	8641	Single	859	08/12/10	WG	Oxidation Reduction Potential	166.4	mV	CAPA-10-24143
R-39	8641	Single	859	06/02/10	WG	Oxidation Reduction Potential	4.9	mV	CAPA-10-17901
R-39	8641	Single	859	04/21/11	WG	pH	8.07	SU	CAPA-11-9340
R-39	8641	Single	859	01/26/11	WG	pH	8.12	SU	CAPA-11-3026
R-39	8641	Single	859	10/08/10	WG	pH	7.83	SU	CAPA-10-27409
R-39	8641	Single	859	08/12/10	WG	pH	7.75	SU	CAPA-10-24143
R-39	8641	Single	859	06/02/10	WG	pH	7.77	SU	CAPA-10-17901
R-39	8641	Single	859	04/21/11	WG	Specific Conductance	140	µS/cm	CAPA-11-9340
R-39	8641	Single	859	01/26/11	WG	Specific Conductance	134	µS/cm	CAPA-11-3026
R-39	8641	Single	859	10/08/10	WG	Specific Conductance	143	µS/cm	CAPA-10-27409
R-39	8641	Single	859	08/12/10	WG	Specific Conductance	144	µS/cm	CAPA-10-24143
R-39	8641	Single	859	06/02/10	WG	Specific Conductance	146	µS/cm	CAPA-10-17901
R-39	8641	Single	859	04/21/11	WG	Temperature	22.69	deg C	CAPA-11-9340
R-39	8641	Single	859	01/26/11	WG	Temperature	21.91	deg C	CAPA-11-3026
R-39	8641	Single	859	10/08/10	WG	Temperature	20.05	deg C	CAPA-10-27409
R-39	8641	Single	859	08/12/10	WG	Temperature	23.94	deg C	CAPA-10-24143
R-39	8641	Single	859	06/02/10	WG	Temperature	22.66	deg C	CAPA-10-17901
R-39	8641	Single	859	04/21/11	WG	Turbidity	2.18	NTU	CAPA-11-9340
R-39	8641	Single	859	01/26/11	WG	Turbidity	3.6	NTU	CAPA-11-3026

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-39	8641	Single	859	10/08/10	WG	Turbidity	2.38	NTU	CAPA-10-27409
R-39	8641	Single	859	08/12/10	WG	Turbidity	2.3	NTU	CAPA-10-24143
R-39	8641	Single	859	06/02/10	WG	Turbidity	2.13	NTU	CAPA-10-17901
R-40	8691	R-40i	649.7	04/29/11	WG	Dissolved Oxygen	6.25	mg/L	CAPA-11-9302
R-40	8691	R-40i	649.7	01/21/11	WG	Dissolved Oxygen	0.65	mg/L	CAPA-11-2994
R-40	8691	R-40i	649.7	10/20/10	WG	Dissolved Oxygen	1.34	mg/L	CAPA-10-26917
R-40	8691	R-40i	649.7	07/28/10	WG	Dissolved Oxygen	1.32	mg/L	CAPA-10-24070
R-40	8691	R-40i	649.7	06/17/10	WG	Dissolved Oxygen	1.48	mg/L	CAPA-10-18079
R-40	8691	R-40i	649.7	04/29/11	WG	Oxidation Reduction Potential	-156.4	mV	CAPA-11-9302
R-40	8691	R-40i	649.7	01/21/11	WG	Oxidation Reduction Potential	-138.1	mV	CAPA-11-2994
R-40	8691	R-40i	649.7	10/20/10	WG	Oxidation Reduction Potential	-85.4	mV	CAPA-10-26917
R-40	8691	R-40i	649.7	07/28/10	WG	Oxidation Reduction Potential	-146.7	mV	CAPA-10-24070
R-40	8691	R-40i	649.7	06/17/10	WG	Oxidation Reduction Potential	-126.7	mV	CAPA-10-18079
R-40	8691	R-40i	649.7	04/29/11	WG	pH	7.45	SU	CAPA-11-9302
R-40	8691	R-40i	649.7	01/21/11	WG	pH	7.35	SU	CAPA-11-2994
R-40	8691	R-40i	649.7	10/20/10	WG	pH	6.9	SU	CAPA-10-26917
R-40	8691	R-40i	649.7	07/28/10	WG	pH	6.97	SU	CAPA-10-24070
R-40	8691	R-40i	649.7	06/17/10	WG	pH	7.21	SU	CAPA-10-18079
R-40	8691	R-40i	649.7	04/29/11	WG	Specific Conductance	255	µS/cm	CAPA-11-9302
R-40	8691	R-40i	649.7	01/21/11	WG	Specific Conductance	255	µS/cm	CAPA-11-2994
R-40	8691	R-40i	649.7	10/20/10	WG	Specific Conductance	266	µS/cm	CAPA-10-26917
R-40	8691	R-40i	649.7	07/28/10	WG	Specific Conductance	253	µS/cm	CAPA-10-24070
R-40	8691	R-40i	649.7	06/17/10	WG	Specific Conductance	282	µS/cm	CAPA-10-18079
R-40	8691	R-40i	649.7	04/29/11	WG	Temperature	16.75	deg C	CAPA-11-9302
R-40	8691	R-40i	649.7	01/21/11	WG	Temperature	16.45	deg C	CAPA-11-2994
R-40	8691	R-40i	649.7	10/20/10	WG	Temperature	16.87	deg C	CAPA-10-26917
R-40	8691	R-40i	649.7	07/28/10	WG	Temperature	16.88	deg C	CAPA-10-24070
R-40	8691	R-40i	649.7	06/17/10	WG	Temperature	18.63	deg C	CAPA-10-18079

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-40	8691	R-40i	649.7	04/29/11	WG	Turbidity	0.26	NTU	CAPA-11-9302
R-40	8691	R-40i	649.7	01/21/11	WG	Turbidity	0.28	NTU	CAPA-11-2994
R-40	8691	R-40i	649.7	10/20/10	WG	Turbidity	1.5	NTU	CAPA-10-26917
R-40	8691	R-40i	649.7	07/28/10	WG	Turbidity	1.18	NTU	CAPA-10-24070
R-40	8691	R-40i	649.7	06/17/10	WG	Turbidity	0.1	NTU	CAPA-10-18079
R-40	8701	P1A	751.6	05/05/11	WG	Dissolved Oxygen	0.83	mg/L	CAPA-11-9304
R-40	8701	P1A	751.6	01/21/11	WG	Dissolved Oxygen	3.12	mg/L	CAPA-11-2996
R-40	8701	P1A	751.6	10/20/10	WG	Dissolved Oxygen	3.52	mg/L	CAPA-10-26922
R-40	8701	P1A	751.6	07/28/10	WG	Dissolved Oxygen	2.01	mg/L	CAPA-10-24073
R-40	8701	P1A	751.6	06/04/10	WG	Dissolved Oxygen	3.32	mg/L	CAPA-10-17906
R-40	8701	P1A	751.6	05/05/11	WG	Oxidation Reduction Potential	81.8	mV	CAPA-11-9304
R-40	8701	P1A	751.6	01/21/11	WG	Oxidation Reduction Potential	149.7	mV	CAPA-11-2996
R-40	8701	P1A	751.6	10/20/10	WG	Oxidation Reduction Potential	422.4	mV	CAPA-10-26922
R-40	8701	P1A	751.6	07/28/10	WG	Oxidation Reduction Potential	66.5	mV	CAPA-10-24073
R-40	8701	P1A	751.6	06/04/10	WG	Oxidation Reduction Potential	98.6	mV	CAPA-10-17906
R-40	8701	P1A	751.6	05/05/11	WG	pH	8.62	SU	CAPA-11-9304
R-40	8701	P1A	751.6	01/21/11	WG	pH	8.47	SU	CAPA-11-2996
R-40	8701	P1A	751.6	10/20/10	WG	pH	8.4	SU	CAPA-10-26922
R-40	8701	P1A	751.6	07/28/10	WG	pH	7.82	SU	CAPA-10-24073
R-40	8701	P1A	751.6	06/04/10	WG	pH	7.51	SU	CAPA-10-17906
R-40	8701	P1A	751.6	05/05/11	WG	Specific Conductance	208	µS/cm	CAPA-11-9304
R-40	8701	P1A	751.6	01/21/11	WG	Specific Conductance	216	µS/cm	CAPA-11-2996
R-40	8701	P1A	751.6	10/20/10	WG	Specific Conductance	210	µS/cm	CAPA-10-26922
R-40	8701	P1A	751.6	07/28/10	WG	Specific Conductance	212	µS/cm	CAPA-10-24073
R-40	8701	P1A	751.6	06/04/10	WG	Specific Conductance	208	µS/cm	CAPA-10-17906
R-40	8701	P1A	751.6	05/05/11	WG	Temperature	17.06	deg C	CAPA-11-9304
R-40	8701	P1A	751.6	01/21/11	WG	Temperature	11.6	deg C	CAPA-11-2996
R-40	8701	P1A	751.6	10/20/10	WG	Temperature	15.85	deg C	CAPA-10-26922

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-40	8701	P1A	751.6	07/28/10	WG	Temperature	17.78	deg C	CAPA-10-24073
R-40	8701	P1A	751.6	06/04/10	WG	Temperature	17.91	deg C	CAPA-10-17906
R-40	8701	P1A	751.6	05/05/11	WG	Turbidity	0.84	NTU	CAPA-11-9304
R-40	8701	P1A	751.6	01/21/11	WG	Turbidity	0.93	NTU	CAPA-11-2996
R-40	8701	P1A	751.6	10/20/10	WG	Turbidity	4.78	NTU	CAPA-10-26922
R-40	8701	P1A	751.6	07/28/10	WG	Turbidity	1.43	NTU	CAPA-10-24073
R-40	8701	P1A	751.6	06/04/10	WG	Turbidity	4.63	NTU	CAPA-10-17906
R-40	8711	P2A	849.3	04/26/11	WG	Dissolved Oxygen	7.58	mg/L	CAPA-11-9344
R-40	8711	P2A	849.3	01/19/11	WG	Dissolved Oxygen	5.82	mg/L	CAPA-11-3030
R-40	8711	P2A	849.3	10/19/10	WG	Dissolved Oxygen	5.15	mg/L	CAPA-10-27413
R-40	8711	P2A	849.3	07/27/10	WG	Dissolved Oxygen	5.39	mg/L	CAPA-10-24145
R-40	8711	P2A	849.3	06/03/10	WG	Dissolved Oxygen	5.18	mg/L	CAPA-10-17908
R-40	8711	P2A	849.3	04/26/11	WG	Oxidation Reduction Potential	49.2	mV	CAPA-11-9344
R-40	8711	P2A	849.3	01/19/11	WG	Oxidation Reduction Potential	374	mV	CAPA-11-3030
R-40	8711	P2A	849.3	10/19/10	WG	Oxidation Reduction Potential	122.5	mV	CAPA-10-27413
R-40	8711	P2A	849.3	07/27/10	WG	Oxidation Reduction Potential	59.2	mV	CAPA-10-24145
R-40	8711	P2A	849.3	06/03/10	WG	Oxidation Reduction Potential	0.7	mV	CAPA-10-17908
R-40	8711	P2A	849.3	04/26/11	WG	pH	7.88	SU	CAPA-11-9344
R-40	8711	P2A	849.3	01/19/11	WG	pH	7.74	SU	CAPA-11-3030
R-40	8711	P2A	849.3	10/19/10	WG	pH	7.76	SU	CAPA-10-27413
R-40	8711	P2A	849.3	07/27/10	WG	pH	7.65	SU	CAPA-10-24145
R-40	8711	P2A	849.3	06/03/10	WG	pH	8.23	SU	CAPA-10-17908
R-40	8711	P2A	849.3	04/26/11	WG	Specific Conductance	116	µS/cm	CAPA-11-9344
R-40	8711	P2A	849.3	01/19/11	WG	Specific Conductance	123	µS/cm	CAPA-11-3030
R-40	8711	P2A	849.3	10/19/10	WG	Specific Conductance	131	µS/cm	CAPA-10-27413
R-40	8711	P2A	849.3	07/27/10	WG	Specific Conductance	123	µS/cm	CAPA-10-24145
R-40	8711	P2A	849.3	06/03/10	WG	Specific Conductance	133	µS/cm	CAPA-10-17908
R-40	8711	P2A	849.3	04/26/11	WG	Temperature	19.94	deg C	CAPA-11-9344

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-40	8711	P2A	849.3	01/19/11	WG	Temperature	20.36	deg C	CAPA-11-3030
R-40	8711	P2A	849.3	10/19/10	WG	Temperature	20.59	deg C	CAPA-10-27413
R-40	8711	P2A	849.3	07/27/10	WG	Temperature	21.25	deg C	CAPA-10-24145
R-40	8711	P2A	849.3	06/03/10	WG	Temperature	22.83	deg C	CAPA-10-17908
R-40	8711	P2A	849.3	04/26/11	WG	Turbidity	0.71	NTU	CAPA-11-9344
R-40	8711	P2A	849.3	01/19/11	WG	Turbidity	0.98	NTU	CAPA-11-3030
R-40	8711	P2A	849.3	10/19/10	WG	Turbidity	1.75	NTU	CAPA-10-27413
R-40	8711	P2A	849.3	07/27/10	WG	Turbidity	3.38	NTU	CAPA-10-24145
R-40	8711	P2A	849.3	06/03/10	WG	Turbidity	3.28	NTU	CAPA-10-17908
R-41	8791	P2A	965.3	04/21/11	WG	Dissolved Oxygen	5.59	mg/L	CAPA-11-9358
R-41	8791	P2A	965.3	01/12/11	WG	Dissolved Oxygen	4.62	mg/L	CAPA-11-3032
R-41	8791	P2A	965.3	10/08/10	WG	Dissolved Oxygen	4.13	mg/L	CAPA-10-27405
R-41	8791	P2A	965.3	08/09/10	WG	Dissolved Oxygen	4.32	mg/L	CAPA-10-24131
R-41	8791	P2A	965.3	06/09/10	WG	Dissolved Oxygen	3.69	mg/L	CAPA-10-17910
R-41	8791	P2A	965.3	04/21/11	WG	Oxidation Reduction Potential	28	mV	CAPA-11-9358
R-41	8791	P2A	965.3	01/12/11	WG	Oxidation Reduction Potential	63.6	mV	CAPA-11-3032
R-41	8791	P2A	965.3	10/08/10	WG	Oxidation Reduction Potential	385.5	mV	CAPA-10-27405
R-41	8791	P2A	965.3	08/09/10	WG	Oxidation Reduction Potential	22.9	mV	CAPA-10-24131
R-41	8791	P2A	965.3	06/09/10	WG	Oxidation Reduction Potential	66	mV	CAPA-10-17910
R-41	8791	P2A	965.3	04/21/11	WG	pH	8.03	SU	CAPA-11-9358
R-41	8791	P2A	965.3	01/12/11	WG	pH	8.07	SU	CAPA-11-3032
R-41	8791	P2A	965.3	10/08/10	WG	pH	7.87	SU	CAPA-10-27405
R-41	8791	P2A	965.3	08/09/10	WG	pH	8.03	SU	CAPA-10-24131
R-41	8791	P2A	965.3	06/09/10	WG	pH	8.09	SU	CAPA-10-17910
R-41	8791	P2A	965.3	04/21/11	WG	Specific Conductance	165	µS/cm	CAPA-11-9358
R-41	8791	P2A	965.3	01/12/11	WG	Specific Conductance	164	µS/cm	CAPA-11-3032
R-41	8791	P2A	965.3	10/08/10	WG	Specific Conductance	173	µS/cm	CAPA-10-27405
R-41	8791	P2A	965.3	08/09/10	WG	Specific Conductance	159	µS/cm	CAPA-10-24131

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-41	8791	P2A	965.3	06/09/10	WG	Specific Conductance	142	µS/cm	CAPA-10-17910
R-41	8791	P2A	965.3	04/21/11	WG	Temperature	22.91	deg C	CAPA-11-9358
R-41	8791	P2A	965.3	01/12/11	WG	Temperature	22.9	deg C	CAPA-11-3032
R-41	8791	P2A	965.3	10/08/10	WG	Temperature	20.86	deg C	CAPA-10-27405
R-41	8791	P2A	965.3	08/09/10	WG	Temperature	23.65	deg C	CAPA-10-24131
R-41	8791	P2A	965.3	06/09/10	WG	Temperature	23.69	deg C	CAPA-10-17910
R-41	8791	P2A	965.3	04/21/11	WG	Turbidity	0.54	NTU	CAPA-11-9358
R-41	8791	P2A	965.3	01/12/11	WG	Turbidity	0.77	NTU	CAPA-11-3032
R-41	8791	P2A	965.3	10/08/10	WG	Turbidity	0.99	NTU	CAPA-10-27405
R-41	8791	P2A	965.3	08/09/10	WG	Turbidity	1.03	NTU	CAPA-10-24131
R-41	8791	P2A	965.3	06/09/10	WG	Turbidity	1.37	NTU	CAPA-10-17910
R-49	8831	P1A	845	05/02/11	WG	Dissolved Oxygen	4.5	mg/L	CAPA-11-9366
R-49	8831	P1A	845	01/19/11	WG	Dissolved Oxygen	3.68	mg/L	CAPA-11-3036
R-49	8831	P1A	845	10/07/10	WG	Dissolved Oxygen	3.69	mg/L	CAPA-10-27418
R-49	8831	P1A	845	07/29/10	WG	Dissolved Oxygen	3.74	mg/L	CAPA-10-24650
R-49	8831	P1A	845	06/14/10	WG	Dissolved Oxygen	4.64	mg/L	CAPA-10-17856
R-49	8831	P1A	845	05/02/11	WG	Oxidation Reduction Potential	18.9	mV	CAPA-11-9366
R-49	8831	P1A	845	01/19/11	WG	Oxidation Reduction Potential	33.8	mV	CAPA-11-3036
R-49	8831	P1A	845	10/07/10	WG	Oxidation Reduction Potential	252.8	mV	CAPA-10-27418
R-49	8831	P1A	845	07/29/10	WG	Oxidation Reduction Potential	-44.3	mV	CAPA-10-24650
R-49	8831	P1A	845	06/14/10	WG	Oxidation Reduction Potential	-28.2	mV	CAPA-10-17856
R-49	8831	P1A	845	05/02/11	WG	pH	8.05	SU	CAPA-11-9366
R-49	8831	P1A	845	01/19/11	WG	pH	7.98	SU	CAPA-11-3036
R-49	8831	P1A	845	10/07/10	WG	pH	7.92	SU	CAPA-10-27418
R-49	8831	P1A	845	07/29/10	WG	pH	7.78	SU	CAPA-10-24650
R-49	8831	P1A	845	06/14/10	WG	pH	7.91	SU	CAPA-10-17856
R-49	8831	P1A	845	05/02/11	WG	Specific Conductance	162	µS/cm	CAPA-11-9366
R-49	8831	P1A	845	01/19/11	WG	Specific Conductance	169	µS/cm	CAPA-11-3036

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-49	8831	P1A	845	10/07/10	WG	Specific Conductance	167	µS/cm	CAPA-10-27418
R-49	8831	P1A	845	07/29/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24650
R-49	8831	P1A	845	06/14/10	WG	Specific Conductance	159	µS/cm	CAPA-10-17856
R-49	8831	P1A	845	05/02/11	WG	Temperature	21.76	deg C	CAPA-11-9366
R-49	8831	P1A	845	01/19/11	WG	Temperature	21.27	deg C	CAPA-11-3036
R-49	8831	P1A	845	10/07/10	WG	Temperature	22.72	deg C	CAPA-10-27418
R-49	8831	P1A	845	07/29/10	WG	Temperature	22.93	deg C	CAPA-10-24650
R-49	8831	P1A	845	06/14/10	WG	Temperature	23.02	deg C	CAPA-10-17856
R-49	8831	P1A	845	05/02/11	WG	Turbidity	1.13	NTU	CAPA-11-9366
R-49	8831	P1A	845	01/19/11	WG	Turbidity	2.84	NTU	CAPA-11-3036
R-49	8831	P1A	845	10/07/10	WG	Turbidity	4.4	NTU	CAPA-10-27418
R-49	8831	P1A	845	07/29/10	WG	Turbidity	42.2	NTU	CAPA-10-24650
R-49	8831	P1A	845	06/14/10	WG	Turbidity	23.8	NTU	CAPA-10-17856
R-49	8841	P2A	905.6	04/29/11	WG	Dissolved Oxygen	6.41	mg/L	CAPA-11-9378
R-49	8841	P2A	905.6	01/26/11	WG	Dissolved Oxygen	5.11	mg/L	CAPA-11-3039
R-49	8841	P2A	905.6	10/07/10	WG	Dissolved Oxygen	5.89	mg/L	CAPA-10-27423
R-49	8841	P2A	905.6	07/29/10	WG	Dissolved Oxygen	5.65	mg/L	CAPA-10-24139
R-49	8841	P2A	905.6	06/09/10	WG	Dissolved Oxygen	5.84	mg/L	CAPA-10-17898
R-49	8841	P2A	905.6	04/29/11	WG	Oxidation Reduction Potential	29.9	mV	CAPA-11-9378
R-49	8841	P2A	905.6	01/26/11	WG	Oxidation Reduction Potential	86.8	mV	CAPA-11-3039
R-49	8841	P2A	905.6	10/07/10	WG	Oxidation Reduction Potential	503.7	mV	CAPA-10-27423
R-49	8841	P2A	905.6	07/29/10	WG	Oxidation Reduction Potential	-19.8	mV	CAPA-10-24139
R-49	8841	P2A	905.6	06/09/10	WG	Oxidation Reduction Potential	47.5	mV	CAPA-10-17898
R-49	8841	P2A	905.6	04/29/11	WG	pH	7.97	SU	CAPA-11-9378
R-49	8841	P2A	905.6	01/26/11	WG	pH	7.9	SU	CAPA-11-3039
R-49	8841	P2A	905.6	10/07/10	WG	pH	7.83	SU	CAPA-10-27423
R-49	8841	P2A	905.6	07/29/10	WG	pH	7.78	SU	CAPA-10-24139
R-49	8841	P2A	905.6	04/29/11	WG	Specific Conductance	143	µS/cm	CAPA-11-9378

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-49	8841	P2A	905.6	01/26/11	WG	Specific Conductance	162	µS/cm	CAPA-11-3039
R-49	8841	P2A	905.6	10/07/10	WG	Specific Conductance	141	µS/cm	CAPA-10-27423
R-49	8841	P2A	905.6	07/29/10	WG	Specific Conductance	125	µS/cm	CAPA-10-24139
R-49	8841	P2A	905.6	04/29/11	WG	Temperature	23.21	deg C	CAPA-11-9378
R-49	8841	P2A	905.6	01/26/11	WG	Temperature	21.12	deg C	CAPA-11-3039
R-49	8841	P2A	905.6	10/07/10	WG	Temperature	21.51	deg C	CAPA-10-27423
R-49	8841	P2A	905.6	07/29/10	WG	Temperature	23.23	deg C	CAPA-10-24139
R-49	8841	P2A	905.6	06/09/10	WG	Temperature	22.58	deg C	CAPA-10-17898
R-49	8841	P2A	905.6	04/29/11	WG	Turbidity	0.11	NTU	CAPA-11-9378
R-49	8841	P2A	905.6	01/26/11	WG	Turbidity	1	NTU	CAPA-11-3039
R-49	8841	P2A	905.6	10/07/10	WG	Turbidity	0.34	NTU	CAPA-10-27423
R-49	8841	P2A	905.6	07/29/10	WG	Turbidity	1.01	NTU	CAPA-10-24139
R-49	8841	P2A	905.6	06/09/10	WG	Turbidity	0.2	NTU	CAPA-10-17898
R-51	8991	P1A	914.96	05/09/11	WG	Dissolved Oxygen	8	mg/L	CAPA-11-9405
R-51	8991	P1A	914.96	01/11/11	WG	Dissolved Oxygen	6.86	mg/L	CAPA-11-3043
R-51	8991	P1A	914.96	10/19/10	WG	Dissolved Oxygen	5.73	mg/L	CAPA-10-27437
R-51	8991	P1A	914.96	07/26/10	WG	Dissolved Oxygen	6.54	mg/L	CAPA-10-24156
R-51	8991	P1A	914.96	06/18/10	WG	Dissolved Oxygen	11.19	mg/L	CAPA-10-19017
R-51	8991	P1A	914.96	05/09/11	WG	Oxidation Reduction Potential	106.7	mV	CAPA-11-9405
R-51	8991	P1A	914.96	01/11/11	WG	Oxidation Reduction Potential	71.1	mV	CAPA-11-3043
R-51	8991	P1A	914.96	10/19/10	WG	Oxidation Reduction Potential	318.4	mV	CAPA-10-27437
R-51	8991	P1A	914.96	07/26/10	WG	Oxidation Reduction Potential	288.8	mV	CAPA-10-24156
R-51	8991	P1A	914.96	06/18/10	WG	Oxidation Reduction Potential	86.6	mV	CAPA-10-19017
R-51	8991	P1A	914.96	05/09/11	WG	pH	8.24	SU	CAPA-11-9405
R-51	8991	P1A	914.96	01/11/11	WG	pH	8.56	SU	CAPA-11-3043
R-51	8991	P1A	914.96	10/19/10	WG	pH	8.06	SU	CAPA-10-27437
R-51	8991	P1A	914.96	07/26/10	WG	pH	8.04	SU	CAPA-10-24156
R-51	8991	P1A	914.96	06/18/10	WG	pH	8.02	SU	CAPA-10-19017

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-51	8991	P1A	914.96	05/09/11	WG	Specific Conductance	125	µS/cm	CAPA-11-9405
R-51	8991	P1A	914.96	01/11/11	WG	Specific Conductance	131	µS/cm	CAPA-11-3043
R-51	8991	P1A	914.96	10/19/10	WG	Specific Conductance	146	µS/cm	CAPA-10-27437
R-51	8991	P1A	914.96	07/26/10	WG	Specific Conductance	118	µS/cm	CAPA-10-24156
R-51	8991	P1A	914.96	06/18/10	WG	Specific Conductance	135	µS/cm	CAPA-10-19017
R-51	8991	P1A	914.96	05/09/11	WG	Temperature	20.91	deg C	CAPA-11-9405
R-51	8991	P1A	914.96	01/11/11	WG	Temperature	20.1	deg C	CAPA-11-3043
R-51	8991	P1A	914.96	10/19/10	WG	Temperature	21.06	deg C	CAPA-10-27437
R-51	8991	P1A	914.96	07/26/10	WG	Temperature	21.23	deg C	CAPA-10-24156
R-51	8991	P1A	914.96	06/18/10	WG	Temperature	21.4	deg C	CAPA-10-19017
R-51	8991	P1A	914.96	05/09/11	WG	Turbidity	1.67	NTU	CAPA-11-9405
R-51	8991	P1A	914.96	01/11/11	WG	Turbidity	1.4	NTU	CAPA-11-3043
R-51	8991	P1A	914.96	10/19/10	WG	Turbidity	1.25	NTU	CAPA-10-27437
R-51	8991	P1A	914.96	07/26/10	WG	Turbidity	1.19	NTU	CAPA-10-24156
R-51	8991	P1A	914.96	06/18/10	WG	Turbidity	0.95	NTU	CAPA-10-19017
R-51	9001	P2A	1031	05/09/11	WG	Dissolved Oxygen	6.13	mg/L	CAPA-11-9446
R-51	9001	P2A	1031	01/11/11	WG	Dissolved Oxygen	4.92	mg/L	CAPA-11-3045
R-51	9001	P2A	1031	10/19/10	WG	Dissolved Oxygen	6.34	mg/L	CAPA-10-27440
R-51	9001	P2A	1031	07/26/10	WG	Dissolved Oxygen	6.02	mg/L	CAPA-10-24158
R-51	9001	P2A	1031	06/18/10	WG	Dissolved Oxygen	7.89	mg/L	CAPA-10-19021
R-51	9001	P2A	1031	05/09/11	WG	Oxidation Reduction Potential	99.8	mV	CAPA-11-9446
R-51	9001	P2A	1031	01/11/11	WG	Oxidation Reduction Potential	96.1	mV	CAPA-11-3045
R-51	9001	P2A	1031	10/19/10	WG	Oxidation Reduction Potential	221.7	mV	CAPA-10-27440
R-51	9001	P2A	1031	07/26/10	WG	Oxidation Reduction Potential	423.8	mV	CAPA-10-24158
R-51	9001	P2A	1031	06/18/10	WG	Oxidation Reduction Potential	149	mV	CAPA-10-19021
R-51	9001	P2A	1031	05/09/11	WG	pH	8.23	SU	CAPA-11-9446
R-51	9001	P2A	1031	01/11/11	WG	pH	8.37	SU	CAPA-11-3045
R-51	9001	P2A	1031	10/19/10	WG	pH	7.99	SU	CAPA-10-27440

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-51	9001	P2A	1031	07/26/10	WG	pH	7.93	SU	CAPA-10-24158
R-51	9001	P2A	1031	06/18/10	WG	pH	7.89	SU	CAPA-10-19021
R-51	9001	P2A	1031	05/09/11	WG	Specific Conductance	128	µS/cm	CAPA-11-9446
R-51	9001	P2A	1031	01/11/11	WG	Specific Conductance	140	µS/cm	CAPA-11-3045
R-51	9001	P2A	1031	10/19/10	WG	Specific Conductance	147	µS/cm	CAPA-10-27440
R-51	9001	P2A	1031	07/26/10	WG	Specific Conductance	135	µS/cm	CAPA-10-24158
R-51	9001	P2A	1031	06/18/10	WG	Specific Conductance	153	µS/cm	CAPA-10-19021
R-51	9001	P2A	1031	05/09/11	WG	Temperature	21.94	deg C	CAPA-11-9446
R-51	9001	P2A	1031	01/11/11	WG	Temperature	20.57	deg C	CAPA-11-3045
R-51	9001	P2A	1031	10/19/10	WG	Temperature	21.55	deg C	CAPA-10-27440
R-51	9001	P2A	1031	07/26/10	WG	Temperature	20.7	deg C	CAPA-10-24158
R-51	9001	P2A	1031	06/18/10	WG	Temperature	21.43	deg C	CAPA-10-19021
R-51	9001	P2A	1031	05/09/11	WG	Turbidity	1	NTU	CAPA-11-9446
R-51	9001	P2A	1031	01/11/11	WG	Turbidity	1.68	NTU	CAPA-11-3045
R-51	9001	P2A	1031	10/19/10	WG	Turbidity	0.98	NTU	CAPA-10-27440
R-51	9001	P2A	1031	07/26/10	WG	Turbidity	2.45	NTU	CAPA-10-24158
R-51	9001	P2A	1031	06/18/10	WG	Turbidity	2.64	NTU	CAPA-10-19021
R-52	9061	P1A	1035.2	05/04/11	WG	Dissolved Oxygen	6.55	mg/L	CAPA-11-9464
R-52	9061	P1A	1035.2	01/13/11	WG	Dissolved Oxygen	5.93	mg/L	CAPA-11-3082
R-52	9061	P1A	1035.2	10/12/10	WG	Dissolved Oxygen	5.12	mg/L	CAPA-10-27451
R-52	9061	P1A	1035.2	08/05/10	WG	Dissolved Oxygen	5.55	mg/L	CAPA-10-24167
R-52	9061	P1A	1035.2	05/02/10	WG	Dissolved Oxygen	6.6	mg/L	CAPA-10-16633
R-52	9061	P1A	1035.2	05/04/11	WG	Oxidation Reduction Potential	154.4	mV	CAPA-11-9464
R-52	9061	P1A	1035.2	01/13/11	WG	Oxidation Reduction Potential	78.1	mV	CAPA-11-3082
R-52	9061	P1A	1035.2	08/05/10	WG	Oxidation Reduction Potential	376.6	mV	CAPA-10-24167
R-52	9061	P1A	1035.2	05/02/10	WG	Oxidation Reduction Potential	455.8	mV	CAPA-10-16633
R-52	9061	P1A	1035.2	05/04/11	WG	pH	8.48	SU	CAPA-11-9464
R-52	9061	P1A	1035.2	01/13/11	WG	pH	8.29	SU	CAPA-11-3082

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-52	9061	P1A	1035.2	10/12/10	WG	pH	7.9	SU	CAPA-10-27451
R-52	9061	P1A	1035.2	08/05/10	WG	pH	7.81	SU	CAPA-10-24167
R-52	9061	P1A	1035.2	05/04/11	WG	Specific Conductance	128	µS/cm	CAPA-11-9464
R-52	9061	P1A	1035.2	01/13/11	WG	Specific Conductance	145	µS/cm	CAPA-11-3082
R-52	9061	P1A	1035.2	10/12/10	WG	Specific Conductance	164	µS/cm	CAPA-10-27451
R-52	9061	P1A	1035.2	08/05/10	WG	Specific Conductance	145	µS/cm	CAPA-10-24167
R-52	9061	P1A	1035.2	05/04/11	WG	Temperature	22.13	deg C	CAPA-11-9464
R-52	9061	P1A	1035.2	01/13/11	WG	Temperature	21.58	deg C	CAPA-11-3082
R-52	9061	P1A	1035.2	10/12/10	WG	Temperature	22.04	deg C	CAPA-10-27451
R-52	9061	P1A	1035.2	08/05/10	WG	Temperature	23.13	deg C	CAPA-10-24167
R-52	9061	P1A	1035.2	05/02/10	WG	Temperature	19.45	deg C	CAPA-10-16633
R-52	9061	P1A	1035.2	05/04/11	WG	Turbidity	0.86	NTU	CAPA-11-9464
R-52	9061	P1A	1035.2	01/13/11	WG	Turbidity	1.29	NTU	CAPA-11-3082
R-52	9061	P1A	1035.2	10/12/10	WG	Turbidity	0.85	NTU	CAPA-10-27451
R-52	9061	P1A	1035.2	08/05/10	WG	Turbidity	1.31	NTU	CAPA-10-24167
R-52	9061	P1A	1035.2	05/02/10	WG	Turbidity	23.2	NTU	CAPA-10-16633
R-52	9071	P2A	1107	05/04/11	WG	Dissolved Oxygen	6.57	mg/L	CAPA-11-9475
R-52	9071	P2A	1107	01/13/11	WG	Dissolved Oxygen	6.38	mg/L	CAPA-11-3084
R-52	9071	P2A	1107	10/12/10	WG	Dissolved Oxygen	6.98	mg/L	CAPA-10-27453
R-52	9071	P2A	1107	08/05/10	WG	Dissolved Oxygen	6.14	mg/L	CAPA-10-24658
R-52	9071	P2A	1107	04/23/10	WG	Dissolved Oxygen	16.53	mg/L	CAPA-10-16638
R-52	9071	P2A	1107	05/04/11	WG	Oxidation Reduction Potential	168.9	mV	CAPA-11-9475
R-52	9071	P2A	1107	01/13/11	WG	Oxidation Reduction Potential	90.8	mV	CAPA-11-3084
R-52	9071	P2A	1107	10/12/10	WG	Oxidation Reduction Potential	352.8	mV	CAPA-10-27453
R-52	9071	P2A	1107	08/05/10	WG	Oxidation Reduction Potential	395.6	mV	CAPA-10-24658
R-52	9071	P2A	1107	04/23/10	WG	Oxidation Reduction Potential	234.6	mV	CAPA-10-16638
R-52	9071	P2A	1107	05/04/11	WG	pH	7.86	SU	CAPA-11-9475
R-52	9071	P2A	1107	01/13/11	WG	pH	7.57	SU	CAPA-11-3084

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-52	9071	P2A	1107	10/12/10	WG	pH	7.71	SU	CAPA-10-27453
R-52	9071	P2A	1107	08/05/10	WG	pH	7.51	SU	CAPA-10-24658
R-52	9071	P2A	1107	04/23/10	WG	pH	7.72	SU	CAPA-10-16638
R-52	9071	P2A	1107	05/04/11	WG	Specific Conductance	123	µS/cm	CAPA-11-9475
R-52	9071	P2A	1107	01/13/11	WG	Specific Conductance	121	µS/cm	CAPA-11-3084
R-52	9071	P2A	1107	10/12/10	WG	Specific Conductance	129	µS/cm	CAPA-10-27453
R-52	9071	P2A	1107	08/05/10	WG	Specific Conductance	131	µS/cm	CAPA-10-24658
R-52	9071	P2A	1107	04/23/10	WG	Specific Conductance	143	µS/cm	CAPA-10-16638
R-52	9071	P2A	1107	05/04/11	WG	Temperature	21.87	deg C	CAPA-11-9475
R-52	9071	P2A	1107	01/13/11	WG	Temperature	21.13	deg C	CAPA-11-3084
R-52	9071	P2A	1107	10/12/10	WG	Temperature	21.45	deg C	CAPA-10-27453
R-52	9071	P2A	1107	08/05/10	WG	Temperature	22.95	deg C	CAPA-10-24658
R-52	9071	P2A	1107	04/23/10	WG	Temperature	11.32	deg C	CAPA-10-16638
R-52	9071	P2A	1107	05/04/11	WG	Turbidity	0.27	NTU	CAPA-11-9475
R-52	9071	P2A	1107	01/13/11	WG	Turbidity	0.6	NTU	CAPA-11-3084
R-52	9071	P2A	1107	10/12/10	WG	Turbidity	0.73	NTU	CAPA-10-27453
R-52	9071	P2A	1107	08/05/10	WG	Turbidity	1.77	NTU	CAPA-10-24658
R-52	9071	P2A	1107	04/23/10	WG	Turbidity	8.47	NTU	CAPA-10-16638
R-53	9041	P1A	849.2	05/06/11	WG	Dissolved Oxygen	5.68	mg/L	CAPA-11-9484
R-53	9041	P1A	849.2	01/14/11	WG	Dissolved Oxygen	6.26	mg/L	CAPA-11-3089
R-53	9041	P1A	849.2	10/12/10	WG	Dissolved Oxygen	4.39	mg/L	CAPA-10-27456
R-53	9041	P1A	849.2	07/26/10	WG	Dissolved Oxygen	3.72	mg/L	CAPA-10-24174
R-53	9041	P1A	849.2	04/19/10	WG	Dissolved Oxygen	6.56	mg/L	CAPA-10-15928
R-53	9041	P1A	849.2	05/06/11	WG	Oxidation Reduction Potential	144.5	mV	CAPA-11-9484
R-53	9041	P1A	849.2	01/14/11	WG	Oxidation Reduction Potential	213.5	mV	CAPA-11-3089
R-53	9041	P1A	849.2	10/12/10	WG	Oxidation Reduction Potential	149.1	mV	CAPA-10-27456
R-53	9041	P1A	849.2	07/26/10	WG	Oxidation Reduction Potential	78.5	mV	CAPA-10-24174
R-53	9041	P1A	849.2	04/19/10	WG	Oxidation Reduction Potential	158.5	mV	CAPA-10-15928

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-53	9041	P1A	849.2	05/06/11	WG	pH	7.93	SU	CAPA-11-9484
R-53	9041	P1A	849.2	01/14/11	WG	pH	7.75	SU	CAPA-11-3089
R-53	9041	P1A	849.2	10/12/10	WG	pH	7.77	SU	CAPA-10-27456
R-53	9041	P1A	849.2	07/26/10	WG	pH	7.48	SU	CAPA-10-24174
R-53	9041	P1A	849.2	04/19/10	WG	pH	7.84	SU	CAPA-10-15928
R-53	9041	P1A	849.2	05/06/11	WG	Specific Conductance	129	µS/cm	CAPA-11-9484
R-53	9041	P1A	849.2	01/14/11	WG	Specific Conductance	125	µS/cm	CAPA-11-3089
R-53	9041	P1A	849.2	10/12/10	WG	Specific Conductance	130	µS/cm	CAPA-10-27456
R-53	9041	P1A	849.2	07/26/10	WG	Specific Conductance	103	µS/cm	CAPA-10-24174
R-53	9041	P1A	849.2	04/19/10	WG	Specific Conductance	121	µS/cm	CAPA-10-15928
R-53	9041	P1A	849.2	05/06/11	WG	Temperature	22.11	deg C	CAPA-11-9484
R-53	9041	P1A	849.2	01/14/11	WG	Temperature	20.81	deg C	CAPA-11-3089
R-53	9041	P1A	849.2	10/12/10	WG	Temperature	21.37	deg C	CAPA-10-27456
R-53	9041	P1A	849.2	07/26/10	WG	Temperature	21.72	deg C	CAPA-10-24174
R-53	9041	P1A	849.2	04/19/10	WG	Temperature	20.65	deg C	CAPA-10-15928
R-53	9041	P1A	849.2	05/06/11	WG	Turbidity	0.66	NTU	CAPA-11-9484
R-53	9041	P1A	849.2	01/14/11	WG	Turbidity	1.19	NTU	CAPA-11-3089
R-53	9041	P1A	849.2	10/12/10	WG	Turbidity	1.28	NTU	CAPA-10-27456
R-53	9041	P1A	849.2	07/26/10	WG	Turbidity	0.93	NTU	CAPA-10-24174
R-53	9041	P1A	849.2	04/19/10	WG	Turbidity	1.01	NTU	CAPA-10-15928
R-53	9031	P2A	959.7	05/06/11	WG	Dissolved Oxygen	6.07	mg/L	CAPA-11-9491
R-53	9031	P2A	959.7	01/13/11	WG	Dissolved Oxygen	6.7	mg/L	CAPA-11-3092
R-53	9031	P2A	959.7	10/12/10	WG	Dissolved Oxygen	5.51	mg/L	CAPA-10-27464
R-53	9031	P2A	959.7	07/26/10	WG	Dissolved Oxygen	5.47	mg/L	CAPA-10-24179
R-53	9031	P2A	959.7	04/14/10	WG	Dissolved Oxygen	6.79	mg/L	CAPA-10-15923
R-53	9031	P2A	959.7	05/06/11	WG	Oxidation Reduction Potential	110.6	mV	CAPA-11-9491
R-53	9031	P2A	959.7	01/13/11	WG	Oxidation Reduction Potential	195.2	mV	CAPA-11-3092
R-53	9031	P2A	959.7	10/12/10	WG	Oxidation Reduction Potential	145.4	mV	CAPA-10-27464

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-53	9031	P2A	959.7	07/26/10	WG	Oxidation Reduction Potential	141.7	mV	CAPA-10-24179
R-53	9031	P2A	959.7	05/06/11	WG	pH	8.07	SU	CAPA-11-9491
R-53	9031	P2A	959.7	01/13/11	WG	pH	8.07	SU	CAPA-11-3092
R-53	9031	P2A	959.7	10/12/10	WG	pH	8.06	SU	CAPA-10-27464
R-53	9031	P2A	959.7	07/26/10	WG	pH	7.74	SU	CAPA-10-24179
R-53	9031	P2A	959.7	05/06/11	WG	Specific Conductance	126	µS/cm	CAPA-11-9491
R-53	9031	P2A	959.7	01/13/11	WG	Specific Conductance	122	µS/cm	CAPA-11-3092
R-53	9031	P2A	959.7	10/12/10	WG	Specific Conductance	126	µS/cm	CAPA-10-27464
R-53	9031	P2A	959.7	07/26/10	WG	Specific Conductance	100	µS/cm	CAPA-10-24179
R-53	9031	P2A	959.7	05/06/11	WG	Temperature	22.27	deg C	CAPA-11-9491
R-53	9031	P2A	959.7	01/13/11	WG	Temperature	19.54	deg C	CAPA-11-3092
R-53	9031	P2A	959.7	10/12/10	WG	Temperature	21.14	deg C	CAPA-10-27464
R-53	9031	P2A	959.7	07/26/10	WG	Temperature	21.58	deg C	CAPA-10-24179
R-53	9031	P2A	959.7	04/14/10	WG	Temperature	21.28	deg C	CAPA-10-15923
R-53	9031	P2A	959.7	05/06/11	WG	Turbidity	0.32	NTU	CAPA-11-9491
R-53	9031	P2A	959.7	01/13/11	WG	Turbidity	1.05	NTU	CAPA-11-3092
R-53	9031	P2A	959.7	10/12/10	WG	Turbidity	0.45	NTU	CAPA-10-27464
R-53	9031	P2A	959.7	07/26/10	WG	Turbidity	0.82	NTU	CAPA-10-24179
R-53	9031	P2A	959.7	04/14/10	WG	Turbidity	9.81	NTU	CAPA-10-15923
R-54	8981	P1A	830	05/04/11	WG	Dissolved Oxygen	2.67	mg/L	CAPA-11-9499
R-54	8981	P1A	830	05/04/11	WG	Dissolved Oxygen	2.37	mg/L	CAPA-11-10600
R-54	8981	P1A	830	05/04/11	WG	Dissolved Oxygen	1.77	mg/L	CAPA-11-10603
R-54	8981	P1A	830	05/04/11	WG	Dissolved Oxygen	0.71	mg/L	CAPA-11-10604
R-54	8981	P1A	830	01/14/11	WG	Dissolved Oxygen	1.38	mg/L	CAPA-11-3047
R-54	8981	P1A	830	10/13/10	WG	Dissolved Oxygen	0.33	mg/L	CAPA-10-27444
R-54	8981	P1A	830	07/27/10	WG	Dissolved Oxygen	2.42	mg/L	CAPA-10-24160
R-54	8981	P1A	830	06/18/10	WG	Dissolved Oxygen	2.08	mg/L	CAPA-10-18473
R-54	8981	P1A	830	05/04/11	WG	Oxidation Reduction Potential	-63.2	mV	CAPA-11-9499

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-54	8981	P1A	830	05/04/11	WG	Oxidation Reduction Potential	-71.9	mV	CAPA-11-10600
R-54	8981	P1A	830	05/04/11	WG	Oxidation Reduction Potential	-76.1	mV	CAPA-11-10603
R-54	8981	P1A	830	05/04/11	WG	Oxidation Reduction Potential	-58.4	mV	CAPA-11-10604
R-54	8981	P1A	830	01/14/11	WG	Oxidation Reduction Potential	-92.3	mV	CAPA-11-3047
R-54	8981	P1A	830	10/13/10	WG	Oxidation Reduction Potential	-74.7	mV	CAPA-10-27444
R-54	8981	P1A	830	07/27/10	WG	Oxidation Reduction Potential	-77.3	mV	CAPA-10-24160
R-54	8981	P1A	830	06/18/10	WG	Oxidation Reduction Potential	104.3	mV	CAPA-10-18473
R-54	8981	P1A	830	05/04/11	WG	pH	7.28	SU	CAPA-11-9499
R-54	8981	P1A	830	05/04/11	WG	pH	7.24	SU	CAPA-11-10600
R-54	8981	P1A	830	05/04/11	WG	pH	7.14	SU	CAPA-11-10603
R-54	8981	P1A	830	05/04/11	WG	pH	6.98	SU	CAPA-11-10604
R-54	8981	P1A	830	01/14/11	WG	pH	7.01	SU	CAPA-11-3047
R-54	8981	P1A	830	10/13/10	WG	pH	7.58	SU	CAPA-10-27444
R-54	8981	P1A	830	07/27/10	WG	pH	6.81	SU	CAPA-10-24160
R-54	8981	P1A	830	06/18/10	WG	pH	7.53	SU	CAPA-10-18473
R-54	8981	P1A	830	05/04/11	WG	Specific Conductance	133	µS/cm	CAPA-11-9499
R-54	8981	P1A	830	05/04/11	WG	Specific Conductance	143	µS/cm	CAPA-11-10600
R-54	8981	P1A	830	05/04/11	WG	Specific Conductance	159	µS/cm	CAPA-11-10603
R-54	8981	P1A	830	05/04/11	WG	Specific Conductance	190	µS/cm	CAPA-11-10604
R-54	8981	P1A	830	01/14/11	WG	Specific Conductance	185	µS/cm	CAPA-11-3047
R-54	8981	P1A	830	10/13/10	WG	Specific Conductance	221	µS/cm	CAPA-10-27444
R-54	8981	P1A	830	07/27/10	WG	Specific Conductance	198	µS/cm	CAPA-10-24160
R-54	8981	P1A	830	06/18/10	WG	Specific Conductance	137	µS/cm	CAPA-10-18473
R-54	8981	P1A	830	05/04/11	WG	Temperature	22.44	deg C	CAPA-11-9499
R-54	8981	P1A	830	05/04/11	WG	Temperature	22.75	deg C	CAPA-11-10600
R-54	8981	P1A	830	05/04/11	WG	Temperature	22.51	deg C	CAPA-11-10603
R-54	8981	P1A	830	05/04/11	WG	Temperature	21.16	deg C	CAPA-11-10604
R-54	8981	P1A	830	01/14/11	WG	Temperature	20.59	deg C	CAPA-11-3047

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-54	8981	P1A	830	10/13/10	WG	Temperature	20.89	deg C	CAPA-10-27444
R-54	8981	P1A	830	07/27/10	WG	Temperature	23.25	deg C	CAPA-10-24160
R-54	8981	P1A	830	06/18/10	WG	Temperature	24.02	deg C	CAPA-10-18473
R-54	8981	P1A	830	05/04/11	WG	Turbidity	0.43	NTU	CAPA-11-9499
R-54	8981	P1A	830	05/04/11	WG	Turbidity	0.54	NTU	CAPA-11-10600
R-54	8981	P1A	830	05/04/11	WG	Turbidity	0.69	NTU	CAPA-11-10603
R-54	8981	P1A	830	05/04/11	WG	Turbidity	1.38	NTU	CAPA-11-10604
R-54	8981	P1A	830	01/14/11	WG	Turbidity	1.51	NTU	CAPA-11-3047
R-54	8981	P1A	830	10/13/10	WG	Turbidity	1.95	NTU	CAPA-10-27444
R-54	8981	P1A	830	07/27/10	WG	Turbidity	2.8	NTU	CAPA-10-24160
R-54	8981	P1A	830	06/18/10	WG	Turbidity	1.86	NTU	CAPA-10-18473
R-54	8971	P2A	915	05/05/11	WG	Dissolved Oxygen	6.45	mg/L	CAPA-11-9500
R-54	8971	P2A	915	01/12/11	WG	Dissolved Oxygen	5.67	mg/L	CAPA-11-3050
R-54	8971	P2A	915	10/13/10	WG	Dissolved Oxygen	4.86	mg/L	CAPA-10-27446
R-54	8971	P2A	915	07/27/10	WG	Dissolved Oxygen	5.19	mg/L	CAPA-10-24165
R-54	8971	P2A	915	06/18/10	WG	Dissolved Oxygen	4.3	mg/L	CAPA-10-18479
R-54	8971	P2A	915	05/05/11	WG	Oxidation Reduction Potential	180.8	mV	CAPA-11-9500
R-54	8971	P2A	915	01/12/11	WG	Oxidation Reduction Potential	107.9	mV	CAPA-11-3050
R-54	8971	P2A	915	10/13/10	WG	Oxidation Reduction Potential	111.6	mV	CAPA-10-27446
R-54	8971	P2A	915	07/27/10	WG	Oxidation Reduction Potential	149.8	mV	CAPA-10-24165
R-54	8971	P2A	915	06/18/10	WG	Oxidation Reduction Potential	207.9	mV	CAPA-10-18479
R-54	8971	P2A	915	05/05/11	WG	pH	8.19	SU	CAPA-11-9500
R-54	8971	P2A	915	01/12/11	WG	pH	8.17	SU	CAPA-11-3050
R-54	8971	P2A	915	10/13/10	WG	pH	8.14	SU	CAPA-10-27446
R-54	8971	P2A	915	07/27/10	WG	pH	8.05	SU	CAPA-10-24165
R-54	8971	P2A	915	06/18/10	WG	pH	8.04	SU	CAPA-10-18479
R-54	8971	P2A	915	05/05/11	WG	Specific Conductance	130	µS/cm	CAPA-11-9500
R-54	8971	P2A	915	01/12/11	WG	Specific Conductance	124	µS/cm	CAPA-11-3050

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-54	8971	P2A	915	10/13/10	WG	Specific Conductance	123	µS/cm	CAPA-10-27446
R-54	8971	P2A	915	07/27/10	WG	Specific Conductance	132	µS/cm	CAPA-10-24165
R-54	8971	P2A	915	06/18/10	WG	Specific Conductance	126	µS/cm	CAPA-10-18479
R-54	8971	P2A	915	05/05/11	WG	Temperature	21.87	deg C	CAPA-11-9500
R-54	8971	P2A	915	01/12/11	WG	Temperature	21.23	deg C	CAPA-11-3050
R-54	8971	P2A	915	10/13/10	WG	Temperature	19.84	deg C	CAPA-10-27446
R-54	8971	P2A	915	07/27/10	WG	Temperature	21.82	deg C	CAPA-10-24165
R-54	8971	P2A	915	06/18/10	WG	Temperature	21.76	deg C	CAPA-10-18479
R-54	8971	P2A	915	05/05/11	WG	Turbidity	0.51	NTU	CAPA-11-9500
R-54	8971	P2A	915	01/12/11	WG	Turbidity	0.58	NTU	CAPA-11-3050
R-54	8971	P2A	915	10/13/10	WG	Turbidity	0.78	NTU	CAPA-10-27446
R-54	8971	P2A	915	07/27/10	WG	Turbidity	1.3	NTU	CAPA-10-24165
R-54	8971	P2A	915	06/18/10	WG	Turbidity	1.27	NTU	CAPA-10-18479
R-55	9451	P1A	860	04/28/11	WG	Dissolved Oxygen	6.51	mg/L	CAPA-11-9505
R-55	9451	P1A	860	02/07/11	WG	Dissolved Oxygen	5.22	mg/L	CAPA-11-4718
R-55	9451	P1A	860	09/09/10	WG	Dissolved Oxygen	7.08	mg/L	CAPA-10-26320
R-55	9451	P1A	860	04/28/11	WG	Oxidation Reduction Potential	45.7	mV	CAPA-11-9505
R-55	9451	P1A	860	02/07/11	WG	Oxidation Reduction Potential	190.2	mV	CAPA-11-4718
R-55	9451	P1A	860	09/09/10	WG	Oxidation Reduction Potential	203.6	mV	CAPA-10-26320
R-55	9451	P1A	860	04/28/11	WG	pH	8.09	SU	CAPA-11-9505
R-55	9451	P1A	860	02/07/11	WG	pH	8	SU	CAPA-11-4718
R-55	9451	P1A	860	09/09/10	WG	pH	7.97	SU	CAPA-10-26320
R-55	9451	P1A	860	04/28/11	WG	Specific Conductance	177	µS/cm	CAPA-11-9505
R-55	9451	P1A	860	02/07/11	WG	Specific Conductance	174	µS/cm	CAPA-11-4718
R-55	9451	P1A	860	09/09/10	WG	Specific Conductance	187	µS/cm	CAPA-10-26320
R-55	9451	P1A	860	04/28/11	WG	Temperature	22.59	deg C	CAPA-11-9505
R-55	9451	P1A	860	02/07/11	WG	Temperature	22.36	deg C	CAPA-11-4718
R-55	9451	P1A	860	09/09/10	WG	Temperature	22.65	deg C	CAPA-10-26320

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-55	9451	P1A	860	04/28/11	WG	Turbidity	0.33	NTU	CAPA-11-9505
R-55	9451	P1A	860	02/07/11	WG	Turbidity	0.49	NTU	CAPA-11-4718
R-55	9451	P1A	860	09/09/10	WG	Turbidity	0.72	NTU	CAPA-10-26320
R-55	9461	P2A	994.4	04/28/11	WG	Dissolved Oxygen	4.94	mg/L	CAPA-11-9508
R-55	9461	P2A	994.4	02/01/11	WG	Dissolved Oxygen	2.2	mg/L	CAPA-11-4726
R-55	9461	P2A	994.4	09/14/10	WG	Dissolved Oxygen	5.33	mg/L	CAPA-10-26324
R-55	9461	P2A	994.4	04/28/11	WG	Oxidation Reduction Potential	72.5	mV	CAPA-11-9508
R-55	9461	P2A	994.4	02/01/11	WG	Oxidation Reduction Potential	286.6	mV	CAPA-11-4726
R-55	9461	P2A	994.4	09/14/10	WG	Oxidation Reduction Potential	101	mV	CAPA-10-26324
R-55	9461	P2A	994.4	04/28/11	WG	pH	8.48	SU	CAPA-11-9508
R-55	9461	P2A	994.4	02/01/11	WG	pH	8.49	SU	CAPA-11-4726
R-55	9461	P2A	994.4	09/14/10	WG	pH	7.92	SU	CAPA-10-26324
R-55	9461	P2A	994.4	04/28/11	WG	Specific Conductance	172	µS/cm	CAPA-11-9508
R-55	9461	P2A	994.4	02/01/11	WG	Specific Conductance	172	µS/cm	CAPA-11-4726
R-55	9461	P2A	994.4	09/14/10	WG	Specific Conductance	175	µS/cm	CAPA-10-26324
R-55	9461	P2A	994.4	04/28/11	WG	Temperature	22.81	deg C	CAPA-11-9508
R-55	9461	P2A	994.4	02/01/11	WG	Temperature	21.72	deg C	CAPA-11-4726
R-55	9461	P2A	994.4	09/14/10	WG	Temperature	23.44	deg C	CAPA-10-26324
R-55	9461	P2A	994.4	04/28/11	WG	Turbidity	0.29	NTU	CAPA-11-9508
R-55	9461	P2A	994.4	02/01/11	WG	Turbidity	0.31	NTU	CAPA-11-4726
R-55	9461	P2A	994.4	09/14/10	WG	Turbidity	0.67	NTU	CAPA-10-26324
R-55i	9481	Single	510	05/10/11	WG	Dissolved Oxygen	4.46	mg/L	CAPA-11-10606
R-55i	9481	Single	510	03/23/11	WG	Dissolved Oxygen	5.67	mg/L	CAPA-11-4734
R-55i	9481	Single	510	05/10/11	WG	Oxidation Reduction Potential	-97.9	mV	CAPA-11-10606
R-55i	9481	Single	510	03/23/11	WG	Oxidation Reduction Potential	-52.5	mV	CAPA-11-4734
R-55i	9481	Single	510	05/10/11	WG	pH	7.52	SU	CAPA-11-10606
R-55i	9481	Single	510	03/23/11	WG	pH	7.89	SU	CAPA-11-4734
R-55i	9481	Single	510	05/10/11	WG	Specific Conductance	322	µS/cm	CAPA-11-10606

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-55i	9481	Single	510	03/23/11	WG	Specific Conductance	305	µS/cm	CAPA-11-4734
R-55i	9481	Single	510	05/10/11	WG	Temperature	18.21	deg C	CAPA-11-10606
R-55i	9481	Single	510	03/23/11	WG	Temperature	18	deg C	CAPA-11-4734
R-55i	9481	Single	510	05/10/11	WG	Turbidity	1.63	NTU	CAPA-11-10606
R-55i	9481	Single	510	03/23/11	WG	Turbidity	1.78	NTU	CAPA-11-4734
R-56	9361	P1A	945	05/10/11	WG	Dissolved Oxygen	5.2	mg/L	CAPA-11-9510
R-56	9361	P1A	945	02/03/11	WG	Dissolved Oxygen	3.13	mg/L	CAPA-11-4722
R-56	9361	P1A	945	08/19/10	WG	Dissolved Oxygen	8	mg/L	CAPA-10-24868
R-56	9361	P1A	945	05/10/11	WG	Oxidation Reduction Potential	103.9	mV	CAPA-11-9510
R-56	9361	P1A	945	02/03/11	WG	Oxidation Reduction Potential	169.4	mV	CAPA-11-4722
R-56	9361	P1A	945	08/19/10	WG	Oxidation Reduction Potential	377.1	mV	CAPA-10-24868
R-56	9361	P1A	945	05/10/11	WG	pH	7.88	SU	CAPA-11-9510
R-56	9361	P1A	945	02/03/11	WG	pH	7.66	SU	CAPA-11-4722
R-56	9361	P1A	945	08/19/10	WG	pH	7.63	SU	CAPA-10-24868
R-56	9361	P1A	945	05/10/11	WG	Specific Conductance	151	µS/cm	CAPA-11-9510
R-56	9361	P1A	945	02/03/11	WG	Specific Conductance	145	µS/cm	CAPA-11-4722
R-56	9361	P1A	945	08/19/10	WG	Specific Conductance	127	µS/cm	CAPA-10-24868
R-56	9361	P1A	945	05/10/11	WG	Temperature	20.96	deg C	CAPA-11-9510
R-56	9361	P1A	945	02/03/11	WG	Temperature	19.03	deg C	CAPA-11-4722
R-56	9361	P1A	945	08/19/10	WG	Temperature	21.21	deg C	CAPA-10-24868
R-56	9361	P1A	945	05/10/11	WG	Turbidity	0.42	NTU	CAPA-11-9510
R-56	9361	P1A	945	02/03/11	WG	Turbidity	0.71	NTU	CAPA-11-4722
R-56	9361	P1A	945	08/19/10	WG	Turbidity	0.37	NTU	CAPA-10-24868
R-56	9371	P2A	1046.6	05/10/11	WG	Dissolved Oxygen	4.16	mg/L	CAPA-11-9514
R-56	9371	P2A	1046.6	02/07/11	WG	Dissolved Oxygen	3.92	mg/L	CAPA-11-4731
R-56	9371	P2A	1046.6	08/13/10	WG	Dissolved Oxygen	8.43	mg/L	CAPA-10-24872
R-56	9371	P2A	1046.6	05/10/11	WG	Oxidation Reduction Potential	96.6	mV	CAPA-11-9514
R-56	9371	P2A	1046.6	02/07/11	WG	Oxidation Reduction Potential	192.3	mV	CAPA-11-4731

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-56	9371	P2A	1046.6	08/13/10	WG	Oxidation Reduction Potential	346.3	mV	CAPA-10-24872
R-56	9371	P2A	1046.6	05/10/11	WG	pH	8.15	SU	CAPA-11-9514
R-56	9371	P2A	1046.6	02/07/11	WG	pH	7.84	SU	CAPA-11-4731
R-56	9371	P2A	1046.6	08/13/10	WG	pH	7.63	SU	CAPA-10-24872
R-56	9371	P2A	1046.6	05/10/11	WG	Specific Conductance	144	µS/cm	CAPA-11-9514
R-56	9371	P2A	1046.6	02/07/11	WG	Specific Conductance	141	µS/cm	CAPA-11-4731
R-56	9371	P2A	1046.6	08/13/10	WG	Specific Conductance	127	µS/cm	CAPA-10-24872
R-56	9371	P2A	1046.6	05/10/11	WG	Temperature	21.25	deg C	CAPA-11-9514
R-56	9371	P2A	1046.6	02/07/11	WG	Temperature	20.76	deg C	CAPA-11-4731
R-56	9371	P2A	1046.6	08/13/10	WG	Temperature	18.08	deg C	CAPA-10-24872
R-56	9371	P2A	1046.6	05/10/11	WG	Turbidity	0.89	NTU	CAPA-11-9514
R-56	9371	P2A	1046.6	02/07/11	WG	Turbidity	1.06	NTU	CAPA-11-4731
R-56	9371	P2A	1046.6	08/13/10	WG	Turbidity	0.17	NTU	CAPA-10-24872
R-57	9111	P1A	910	05/09/11	WG	Dissolved Oxygen	4.57	mg/L	CAPA-11-9515
R-57	9111	P1A	910	07/01/10	WG	Dissolved Oxygen	5.36	mg/L	CAPA-10-22387
R-57	9111	P1A	910	05/09/11	WG	Oxidation Reduction Potential	29.9	mV	CAPA-11-9515
R-57	9111	P1A	910	07/01/10	WG	Oxidation Reduction Potential	32.9	mV	CAPA-10-22387
R-57	9111	P1A	910	05/09/11	WG	pH	7.85	SU	CAPA-11-9515
R-57	9111	P1A	910	07/01/10	WG	pH	8.09	SU	CAPA-10-22387
R-57	9111	P1A	910	05/09/11	WG	Specific Conductance	147	µS/cm	CAPA-11-9515
R-57	9111	P1A	910	07/01/10	WG	Specific Conductance	135	µS/cm	CAPA-10-22387
R-57	9111	P1A	910	05/09/11	WG	Temperature	22.88	deg C	CAPA-11-9515
R-57	9111	P1A	910	07/01/10	WG	Temperature	22.27	deg C	CAPA-10-22387
R-57	9111	P1A	910	05/09/11	WG	Turbidity	0.51	NTU	CAPA-11-9515
R-57	9111	P1A	910	07/01/10	WG	Turbidity	0.92	NTU	CAPA-10-22387
R-57	9101	P2A	971.5	05/09/11	WG	Dissolved Oxygen	5.93	mg/L	CAPA-11-9518
R-57	9101	P2A	971.5	06/25/10	WG	Dissolved Oxygen	2.83	mg/L	CAPA-10-22406
R-57	9101	P2A	971.5	05/09/11	WG	Oxidation Reduction Potential	58.3	mV	CAPA-11-9518

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-57	9101	P2A	971.5	06/25/10	WG	Oxidation Reduction Potential	191.6	mV	CAPA-10-22406
R-57	9101	P2A	971.5	05/09/11	WG	pH	7.46	SU	CAPA-11-9518
R-57	9101	P2A	971.5	06/25/10	WG	pH	7.82	SU	CAPA-10-22406
R-57	9101	P2A	971.5	05/09/11	WG	Specific Conductance	145	µS/cm	CAPA-11-9518
R-57	9101	P2A	971.5	06/25/10	WG	Specific Conductance	137	µS/cm	CAPA-10-22406
R-57	9101	P2A	971.5	05/09/11	WG	Temperature	23.05	deg C	CAPA-11-9518
R-57	9101	P2A	971.5	06/25/10	WG	Temperature	21.81	deg C	CAPA-10-22406
R-57	9101	P2A	971.5	05/09/11	WG	Turbidity	0.6	NTU	CAPA-11-9518
R-57	9101	P2A	971.5	06/25/10	WG	Turbidity	1.8	NTU	CAPA-10-22406
R-60	9441	Single	1330	04/27/11	WG	Dissolved Oxygen	3.34	mg/L	CAPA-11-9591
R-60	9441	Single	1330	01/24/11	WG	Dissolved Oxygen	3.72	mg/L	CAPA-11-3055
R-60	9441	Single	1330	12/16/10	WG	Dissolved Oxygen	4.13	mg/L	CAPA-11-2810
R-60	9441	Single	1330	04/27/11	WG	Oxidation Reduction Potential	63.2	mV	CAPA-11-9591
R-60	9441	Single	1330	01/24/11	WG	Oxidation Reduction Potential	206.9	mV	CAPA-11-3055
R-60	9441	Single	1330	12/16/10	WG	Oxidation Reduction Potential	78.6	mV	CAPA-11-2810
R-60	9441	Single	1330	04/27/11	WG	pH	8.15	SU	CAPA-11-9591
R-60	9441	Single	1330	01/24/11	WG	pH	7.44	SU	CAPA-11-3055
R-60	9441	Single	1330	12/16/10	WG	pH	7.86	SU	CAPA-11-2810
R-60	9441	Single	1330	04/27/11	WG	Specific Conductance	142	µS/cm	CAPA-11-9591
R-60	9441	Single	1330	01/24/11	WG	Specific Conductance	137	µS/cm	CAPA-11-3055
R-60	9441	Single	1330	12/16/10	WG	Specific Conductance	137	µS/cm	CAPA-11-2810
R-60	9441	Single	1330	04/27/11	WG	Temperature	22.89	deg C	CAPA-11-9591
R-60	9441	Single	1330	01/24/11	WG	Temperature	23.11	deg C	CAPA-11-3055

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-60	9441	Single	1330	12/16/10	WG	Temperature	21.6	deg C	CAPA-11-2810
R-60	9441	Single	1330	04/27/11	WG	Turbidity	2.54	NTU	CAPA-11-9591
R-60	9441	Single	1330	01/24/11	WG	Turbidity	3.73	NTU	CAPA-11-3055
R-60	9441	Single	1330	12/16/10	WG	Turbidity	17.3	NTU	CAPA-11-2810

[a] WG = Groundwater.

[b] SU = Standard unit.

[c] NTU = Nephelometric turbidity unit.

[d] WS = Base flow.

Appendix B

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

Appendix C

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

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

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%D	percent difference
%R	percent recovery
<	Based on qualifiers, the result was a nondetection.
—	none
BHC	benzene hexachloride
CB	chlorobiphenyl
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
DCG	Derived Concentration Guide (DOE)
DNX	dinitroso-RDX (or hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GC	gas chromotography
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HH OO	Human Health—Organism Only (NMWQCC standard)
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit
LAL	lower acceptance limit
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Miscellaneous (continued)	
NM	NMWQCC
NMED	New Mexico Environmental Department
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
SSC	suspended sediment concentration
SU	standard unit
TDS	total dissolved solids
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	Equipment blank taken during installation and not associated with a sampling event.
ITB	trip blank taken during installation and not associated with a sampling event.

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
NA	not applicable
PEB	performance evaluation blank
PEK	performance evaluation known
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
ANION	anions
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
GAMMA, GAMMA_SPEC	gamma spectroscopy
Geninorg, GENINORG	general inorganics
GRO	gasoline range organics
GROSSA	gross alpha
GROSSB	gross beta
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
METALS, Metals	metals
PCB	polychlorinated biphenyls
PCB_CONG, PCB Cong	PCB congeners
PEST	pesticides
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry
SVOA	semivolatile organics
SVOC	semivolatile organic compounds
VOA	volatile organics
VOC	volatile organic compounds
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services–Primary
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA, (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

Code	Description
A	The contractually required supporting documentation for this datum is absent.
I	The calculated sums are considered incomplete because of the lack of one or more congener results.
J	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.
J-	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential negative bias.
J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
N	There is presumptive evidence of the presence of the material.
NJ	(Organic) Analyte has been tentatively identified, and the associated numerical value is estimated based upon a 1:1 response factor to the nearest eluting internal standard.
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PM	Manual review of raw data is recommended to determine if the observed noncompliances with quality acceptance criteria adversely impact data use.

Secondary Validation Flag Codes (continued)

Code	Description
R	The reported sample result is classified as rejected because of serious noncompliances regarding quality control (QC) acceptance criteria. The presence or absence of the analyte cannot be verified based on routine validation alone.
U	The analyte is classified as not detected.
UJ	The analyte is classified as not detected, with an expectation that the reported result is more uncertain than usual.

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-10	7661	Single	20.6	09/18/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-60.36	—	—	—	permil	—	—	08-1981	CAPA-08-15020	EES6
03-B-10	7661	Single	20.6	09/18/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-60.6	—	—	—	permil	—	—	08-1981	CAPA-08-15020	EES6
03-B-10	7661	Single	20.6	09/18/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.33	—	—	—	permil	—	—	08-1981	CAPA-08-15020	EES6
03-B-10	7661	Single	20.6	09/18/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-6.43	1.20E-01	—	—	permil	—	—	19486	EU07090G3B1001	EES6
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-58.50002596	—	—	—	permil	—	—	10-4142	CAPA-10-24078	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-60.84	—	—	—	permil	—	—	08-1981	CAPA-08-15028	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	DUP	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-60.26	—	—	—	permil	—	—	08-1981	CAPA-08-15028	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-60.4	—	—	—	permil	—	—	08-1981	CAPA-08-15026	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-60.78	—	—	—	permil	—	—	08-1981	CAPA-08-15026	EES6
03-B-13	7671	Single	21.5	12/18/07	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-92.09	1.32E+00	—	—	UNITLESS	—	—	08-420	CAPA-08-9316	EES6
03-B-13	7671	Single	21.5	12/18/07	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-91.59	—	—	—	permil	—	—	08-420	CAPA-08-9316	EES6
03-B-13	7671	Single	21.5	06/23/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-53.67	2.00E-01	—	—	permil	—	—	13152	EU06060G3B1301	EES6
03-B-13	7671	Single	21.5	12/18/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.56	2.00E-01	—	—	UNITLESS	—	—	08-420	CAPA-08-9315	EES6
03-B-13	7671	Single	21.5	06/23/06	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.07	1.00E-01	—	—	permil	—	—	17956	EF06060G3B1301	EES6
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.476402292	—	—	—	permil	—	—	10-4142	CAPA-10-24078	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.22	—	—	—	permil	—	—	08-1981	CAPA-08-15028	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.32	—	—	—	permil	—	—	08-1981	CAPA-08-15028	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.4	—	—	—	permil	—	—	08-1981	CAPA-08-15026	EES6
03-B-13	7671	Single	21.5	09/18/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.29	—	—	—	permil	—	—	08-1981	CAPA-08-15026	EES6
03-B-13	7671	Single	21.5	12/18/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.48	1.00E-01	—	—	UNITLESS	—	—	08-420	CAPA-08-9316	EES6
03-B-13	7671	Single	21.5	12/18/07	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.2	—	—	—	permil	—	—	08-420	CAPA-08-9316	EES6
03-B-13	7671	Single	21.5	09/14/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-6.2	1.20E-01	—	—	permil	—	—	19489	EU07090G3B1301	EES6
03-B-13	7671	Single	21.5	06/23/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.37	7.00E-02	—	—	permil	—	—	13013	EU06060G3B1301	EES6
18-BG-4	5751	Single	2.5	03/12/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-88.6	—	—	—	permil	—	—	08-801	CAPA-08-10957	EES6
18-BG-4	5751	Single	2.5	03/12/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-88.68	—	—	—	permil	—	—	08-801	CAPA-08-10957	EES6
18-MW-11	7971	Single	27	09/15/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.9	—	—	—	permil	—	—	08-1943	CAPA-08-14953	EES6
18-MW-11	7971	Single	27	08/31/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-70.93	1.00E-01	—	—	permil	—	—	17748	EU06080G181101	EES6
18-MW-11	7971	Single	27	09/15/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.11	—	—	—	permil	—	—	08-1943	CAPA-08-14954	EES6
18-MW-11	7971	Single	27	09/15/08	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.02	—	—	—	permil	—	—	08-1943	CAPA-08-14954	EES6
18-MW-11	7971	Single	27	09/13/07	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.43	5.00E-02	—	—	permil	—	—	19386	EF07090G181120	EES6
18-MW-11	7971	Single	27	09/13/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.66	5.00E-02	—	—	permil	—	—	19385	EF07090G181101	EES6
18-MW-11	7971	Single	27	09/15/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.28	—	—	—	permil	—	—	08-1943	CAPA-08-14953	EES6
18-MW-11	7971	Single	27	09/15/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.55	—	—	—	permil	—	—	08-1943	CAPA-08-14953	EES6
18-MW-11	7971	Single	27	09/13/07	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.63	8.00E-02	—	—	permil	—	—	19484	EU07090G181120	EES6
18-MW-11	7971	Single	27	09/13/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.72	8.00E-02	—	—	permil	—	—	19483	EU07090G181101	EES6
18-MW-8	5781	Single	8	09/15/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-86.95	—	—	—	permil	—	—	08-1943	CAPA-08-14951	EES6
18-MW-8	5781	Single	8	09/15/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-87.16	—	—	—	permil	—	—	08-1943	CAPA-08-14951	EES6
18-MW-8	5781	Single	8	08/30/06	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.15	3.70E-01	—	—	permil	—	—	17715	EU06080G18M890	EES6
18-MW-8	5781	Single	8	08/30/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.56	1.28E+00	—	—	permil	—	—	17714	EU06080G18M801	EES6
18-MW-8	5781	Single	8	09/15/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.98	—	—	—	permil	—	—	08-1943	CAPA-08-14951	EES6
18-MW-8	5781	Single	8	09/15/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.68	—	—	—	permil	—	—	08-1943	CAPA-08-14951	EES6
18-MW-8	5781	Single	8	09/13/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.33	8.00E-02	—	—	permil	—	—	19485	EU07090G18M801	EES6
18-MW-8	5781	Single	8	08/30/06	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.66	1.00E-01	—	—	permil	—	—	17811	EU06080G18M890	EES6
18-MW-8	5781	Single	8	08/30/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.72	1.00E-01	—	—	permil	—	—	17810	EU06080G18M801	EES6
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.33976614	—	—	—	permil	—	—	10-3345	CAPA-10-17746	EES6
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.14269993	—	—	—	permil	—	—	10-3345	CAPA-10-17746	EES6
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.07	—	—	—	permil	—	—	10-974	CAPA-10-6767	EES6
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.13	—	—	2.00E-04	permil	—	—	09-2199	CAPA-09-9401	EES6
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.84	—	—	—	permil	—	—	09-2199	CAPA-09-9401	EES6
3MAO-2	8471	Single	14.7	03/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.04	—	—	—	permil	—	—	09-1068	CAPA-09-4397	EES6
3MAO-2	8471	Single	14.7	03/03/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.34	—	—	—	permil	—	—	09-1068	CAPA-09-4397	EES6
3MAO-2	8471	Single	14.7	09/09/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.59	1.00E-02	—	—	permil	—	—	08-1874	CAPA-08-14993	EES6
3MAO-2	8471	Single	14.7	09/09/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.35	—	—	—	permil	—	—	08-1874	CAPA-08-14993	EES6
3MAO-2	8471	Single	14.7	06/23/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.73	7.20E-01	—	—	permil	—	—	08-1425	CAPA-08-13125	EES6
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	13.49869626	—	—	—	permil	—	—	10-3345	CAPA-10-17747	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	13.15	—	—	—	permil	—	—	10-974	CAPA-10-6765	EES6
3MAO-2	8471	Single	14.7	12/16/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	13.46	—	—	—	permil	—	—	10-974	CAPA-10-6765	EES6
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	15.15	—	—	1.00E-02	permil	U	—	09-2216	CAPA-09-9400	EES6
3MAO-2	8471	Single	14.7	03/03/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	13.78	—	—	—	permil	—	—	09-1068	CAPA-09-4393	EES6
3MAO-2	8471	Single	14.7	09/09/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	17.18	3.70E-01	—	—	permil	—	—	08-1874	CAPA-08-14994	EES6
3MAO-2	8471	Single	14.7	09/09/08	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	17.2	—	—	—	permil	—	—	08-1874	CAPA-08-14994	EES6
3MAO-2	8471	Single	14.7	06/23/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	19.72	2.70E-01	—	—	permil	—	—	08-1425	CAPA-08-13126	EES6
3MAO-2	8471	Single	14.7	06/23/08	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	19.43	—	—	—	permil	—	—	08-1425	CAPA-08-13126	EES6
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.21	—	—	—	permil	—	—	10-974	CAPA-10-6767	EES6
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.57	—	—	—	permil	—	—	10-974	CAPA-10-6767	EES6
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.54	—	—	2.14E-02	permil	—	—	09-2199	CAPA-09-9401	EES6
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	—	permil	—	—	09-2199	CAPA-09-9401	EES6
3MAO-2	8471	Single	14.7	03/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.34	—	—	—	permil	—	—	09-1068	CAPA-09-4397	EES6
3MAO-2	8471	Single	14.7	03/03/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	—	—	—	permil	—	—	09-1068	CAPA-09-4397	EES6
3MAO-2	8471	Single	14.7	09/09/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	9.00E-02	—	—	permil	—	—	08-1874	CAPA-08-14993	EES6
3MAO-2	8471	Single	14.7	06/23/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.09	1.40E-01	—	—	permil	—	—	08-1425	CAPA-08-13125	EES6
Anderson Spring	—	—	—	08/09/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.10915818	—	—	—	permil	—	—	10-4080	CAPA-10-24004	EES6
Anderson Spring	—	—	—	09/15/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.25	—	—	—	permil	—	—	09-3243	CAPA-09-12103	EES6
Anderson Spring	—	—	—	09/10/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.5	4.20E-01	—	—	permil	—	—	08-1910	CAPA-08-14916	EES6
Anderson Spring	—	—	—	09/10/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.37	—	—	—	permil	—	—	08-1910	CAPA-08-14916	EES6
Anderson Spring	—	—	—	08/22/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-56.49	1.00E-02	—	—	permil	—	—	17737	EU06080GANDS01	EES6
Anderson Spring	—	—	—	08/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.349677254	—	—	—	permil	—	—	10-4080	CAPA-10-24002	EES6
Anderson Spring	—	—	—	09/15/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.38	—	—	—	permil	—	—	09-3243	CAPA-09-12102	EES6
Anderson Spring	—	—	—	09/10/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.07	3.70E-01	—	—	permil	—	—	08-1910	CAPA-08-14915	EES6
Anderson Spring	—	—	—	09/11/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.88	8.00E-02	—	—	permil	—	—	19377	EF07090GANDS01	EES6
Anderson Spring	—	—	—	08/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.76920159	—	—	—	permil	—	—	10-4080	CAPA-10-24004	EES6
Anderson Spring	—	—	—	09/15/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.82	—	—	—	permil	—	—	09-3243	CAPA-09-12103	EES6
Anderson Spring	—	—	—	09/15/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.63	—	—	—	permil	—	—	09-3243	CAPA-09-12103	EES6
Anderson Spring	—	—	—	09/10/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.89	1.20E-01	—	—	permil	—	—	08-1910	CAPA-08-14916	EES6
Anderson Spring	—	—	—	09/10/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.74	—	—	—	permil	—	—	08-1910	CAPA-08-14916	EES6
Anderson Spring	—	—	—	09/11/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.88	8.00E-02	—	—	permil	—	—	19445	EU07090GANDS01	EES6
Anderson Spring	—	—	—	08/22/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.09	1.00E-01	—	—	permil	—	—	17817	EU06080GANDS01	EES6
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.2	—	—	—	permil	—	—	11-109	CAPA-10-26883	EES6
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.22	—	—	—	permil	—	—	09-3233	CAPA-09-12112	EES6
Bulldog Spring	—	—	—	09/15/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.97	—	—	—	permil	—	—	09-3233	CAPA-09-12112	EES6
Bulldog Spring	—	—	—	09/12/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.21	1.00E-02	—	—	permil	—	—	08-1937	CAPA-08-14928	SILENS
Bulldog Spring	—	—	—	08/30/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-61.69	2.40E-01	—	—	permil	—	—	17738	EU060800GSLB01	EES6
Bulldog Spring	—	—	—	07/18/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83	1.20E-01	—	—	permil	—	—	5766	EU05070GSLB01	EES6
Bulldog Spring	—	—	—	06/22/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.29	1.00E-01	—	—	permil	—	—	5751	EU05060GSLB01	EES6
Bulldog Spring	—	—	—	05/09/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.1	3.00E-02	—	—	permil	—	—	5728	EU05050GSLB01	EES6
Bulldog Spring	—	—	—	03/31/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-89.22	5.10E-01	—	—	permil	—	—	5664	EU05030GSLB01	EES6
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.62	—	—	—	permil	—	—	11-109	CAPA-10-26882	EES6
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.01	—	—	—	permil	—	—	09-3233	CAPA-09-12111	EES6
Bulldog Spring	—	—	—	09/12/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.97	3.70E-01	—	—	permil	—	—	08-1937	CAPA-08-14927	SILENS
Bulldog Spring	—	—	—	09/04/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.17	8.00E-02	—	—	permil	—	—	19375	EF070800GSLB01	EES6
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14	—	—	—	permil	—	—	11-109	CAPA-10-26883	EES6
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.99	—	—	—	permil	—	—	09-3233	CAPA-09-12112	EES6
Bulldog Spring	—	—	—	09/15/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.36	—	—	—	permil	—	—	09-3233	CAPA-09-12112	EES6
Bulldog Spring	—	—	—	09/12/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.95	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-14928	SILENS
Bulldog Spring	—	—	—	09/04/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.9	8.00E-02	—	—	permil	—	—	19442	EU070800GSLB01	EES6
Bulldog Spring	—	—	—	08/30/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.75	1.00E-01	—	—	permil	—	—	17818	EU060800GSLB01	EES6
Bulldog Spring	—	—	—	07/18/05	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.52	1.20E-01	—	—	permil	—	—	6020	EU05070GSLB01	EES6
CDBO-6	5281	Single	34	06/01/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.54618989	—	—	—	permil	—	—	10-3289	CAPA-10-18089	EES6
CDBO-6	5281	Single	34	06/01/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.47817689	—	—	—	permil	—	—	10-3289	CAPA-10-18089	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDBO-6	5281	Single	34	12/16/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.19	—	—	—	permil	—	—	10-974	CAPA-10-6093	EES6
CDBO-6	5281	Single	34	08/14/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-78.08	—	—	1.00E-03	permil	U	—	09-2896	CAMO-09-9478	EES6
CDBO-6	5281	Single	34	02/11/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.38	—	—	—	permil	—	—	09-882	CAMO-09-2410	EES6
CDBO-6	5281	Single	34	08/18/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.55	6.00E-02	—	—	permil	—	—	08-1702	CAMO-08-14436	EES6
CDBO-6	5281	Single	34	02/11/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.64	—	—	—	permil	—	—	08-619	CAMO-08-10634	EES6
CDBO-6	5281	Single	34	02/11/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.36	—	—	—	permil	—	—	08-619	CAMO-08-10635	EES6
CDBO-6	5281	Single	34	06/01/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.96	—	—	—	permil	—	—	10-3289	CAPA-10-18089	EES6
CDBO-6	5281	Single	34	06/01/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.01	—	—	—	permil	—	—	10-3289	CAPA-10-18089	EES6
CDBO-6	5281	Single	34	12/16/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.58	—	—	—	permil	—	—	10-974	CAPA-10-6093	EES6
CDBO-6	5281	Single	34	08/14/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	2.00E-04	permil	—	—	09-2896	CAMO-09-9478	EES6
CDBO-6	5281	Single	34	08/14/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	—	—	2.00E-04	permil	—	—	09-2896	CAMO-09-9478	EES6
CDBO-6	5281	Single	34	02/11/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.16	—	—	—	permil	—	—	09-882	CAMO-09-2410	EES6
CDBO-6	5281	Single	34	08/18/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	1.10E-01	—	—	permil	—	—	08-1702	CAMO-08-14436	EES6
CDBO-6	5281	Single	34	02/11/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.86	—	—	—	permil	—	—	08-619	CAMO-08-10634	EES6
CDBO-7	5291	Single	29	05/06/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	—	—	1.00E-02	permil	—	—	09-1766	CAMO-09-8126	EES6
CDBO-7	5291	Single	29	05/06/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	—	—	1.00E-02	permil	—	—	09-1766	CAMO-09-8126	EES6
CDBO-7	5291	Single	29	02/11/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	—	—	—	permil	—	—	09-882	CAMO-09-2391	EES6
Charlie's Spring	—	—	—	08/10/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.50177641	—	—	—	permil	—	—	10-4132	CAPA-10-24006	EES6
Charlie's Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.58	—	—	—	permil	—	—	09-3265	CAPA-09-12110	EES6
Charlie's Spring	—	—	—	09/11/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.8	1.50E-01	—	—	permil	—	—	08-1937	CAPA-08-14925	SILENS
Charlie's Spring	—	—	—	08/31/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.67	5.00E-02	—	—	permil	—	—	17736	EU06080GCHRS01	EES6
Charlie's Spring	—	—	—	08/10/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.652110974	—	—	—	permil	—	—	10-4132	CAPA-10-24007	EES6
Charlie's Spring	—	—	—	09/16/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.99	—	—	—	permil	—	—	09-3265	CAPA-09-12109	EES6
Charlie's Spring	—	—	—	09/16/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.11	—	—	—	permil	—	—	09-3265	CAPA-09-12109	EES6
Charlie's Spring	—	—	—	09/11/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.85	3.70E-01	—	—	permil	—	—	08-1937	CAPA-08-14923	SILENS
Charlie's Spring	—	—	—	09/05/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.22	8.00E-02	—	—	permil	—	—	19366	EF07080GCHRS01	EES6
Charlie's Spring	—	—	—	08/10/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.27601637	—	—	—	permil	—	—	10-4132	CAPA-10-24006	EES6
Charlie's Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.32	—	—	—	permil	—	—	09-3265	CAPA-09-12110	EES6
Charlie's Spring	—	—	—	09/16/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	permil	—	—	09-3265	CAPA-09-12110	EES6
Charlie's Spring	—	—	—	09/11/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.46	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-14925	SILENS
Charlie's Spring	—	—	—	09/05/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.15	8.00E-02	—	—	permil	—	—	19433	EU07080GCHRS01	EES6
Charlie's Spring	—	—	—	08/31/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.69	1.00E-01	—	—	permil	—	—	17816	EU06080GCHRS01	EES6
Homestead Spring	—	—	—	08/10/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.15758426	—	—	—	permil	—	—	10-4132	CAPA-10-24012	EES6
Homestead Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.26	—	—	—	permil	—	—	09-3265	CAPA-09-12094	EES6
Homestead Spring	—	—	—	09/16/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.32	—	—	—	permil	—	—	09-3265	CAPA-09-12094	EES6
Homestead Spring	—	—	—	09/11/08	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.27	9.00E-02	—	—	permil	—	—	08-1937	CAPA-08-14911	SILENS
Homestead Spring	—	—	—	09/11/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.39	—	—	—	permil	—	—	08-1937	CAPA-08-14909	SILENS
Homestead Spring	—	—	—	08/23/06	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-69.44	5.80E-01	—	—	permil	—	—	17732	EU060800GSMH90	EES6
Homestead Spring	—	—	—	08/23/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-68.95	8.70E-01	—	—	permil	—	—	17731	EU060800GSMH01	EES6
Homestead Spring	—	—	—	07/18/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.45	6.00E-02	—	—	permil	—	—	5767	EU05070GSMH01	EES6
Homestead Spring	—	—	—	06/20/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-86.9	2.00E-01	—	—	permil	—	—	11942	EU05060GSMH01	EES6
Homestead Spring	—	—	—	08/10/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.218541041	—	—	—	permil	—	—	10-4132	CAPA-10-24013	EES6
Homestead Spring	—	—	—	09/16/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.68	—	—	—	permil	—	—	09-3265	CAPA-09-12095	EES6
Homestead Spring	—	—	—	09/11/08	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.45	3.70E-01	—	—	permil	—	—	08-1937	CAPA-08-14910	SILENS
Homestead Spring	—	—	—	09/11/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.55	3.70E-01	—	—	permil	—	—	08-1937	CAPA-08-14908	SILENS
Homestead Spring	—	—	—	09/05/07	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.97	8.00E-02	—	—	permil	—	—	19373	EF070800GSMH20	EES6
Homestead Spring	—	—	—	09/05/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.85	8.00E-02	—	—	permil	—	—	19372	EF070800GSMH01	EES6
Homestead Spring	—	—	—	08/10/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.09205265	—	—	—	permil	—	—	10-4132	CAPA-10-24012	EES6
Homestead Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.81	—	—	—	permil	—	—	09-3265	CAPA-09-12094	EES6
Homestead Spring	—	—	—	09/16/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.56	—	—	—	permil	—	—	09-3265	CAPA-09-12094	EES6
Homestead Spring	—	—	—	09/11/08	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.61	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-14911	SILENS
Homestead Spring	—	—	—	09/11/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.68	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-14909	SILENS
Homestead Spring	—	—	—	09/05/07	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.98	8.00E-02	—	—	permil	—	—	19440	EU070800GSMH20	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Homestead Spring	—	—	—	09/05/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	8.00E-02	—	—	permil	—	—	19439	EU070800GSMH01	EES6
Homestead Spring	—	—	—	08/23/06	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.99	1.00E-01	—	—	permil	—	—	17814	EU060800GSMH90	EES6
Homestead Spring	—	—	—	08/23/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.01	1.00E-01	—	—	permil	—	—	17813	EU060800GSMH01	EES6
Kieling Spring	—	—	—	10/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.23	—	—	—	permil	—	—	11-109	CAPA-10-26884	EES6
Kieling Spring	—	—	—	09/15/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.16	—	—	—	permil	—	—	09-3233	CAPA-09-12107	EES6
Kieling Spring	—	—	—	09/12/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.33	3.50E-01	—	—	permil	—	—	08-1937	CAPA-08-14918	SILENS
Kieling Spring	—	—	—	08/30/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.46	8.00E-01	—	—	permil	—	—	17739	EU060800GSLK01	EES6
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.93	—	—	—	permil	—	—	11-109	CAPA-10-26885	EES6
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.79	—	—	—	permil	—	—	09-3233	CAPA-09-12106	EES6
Kieling Spring	—	—	—	09/12/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.02	3.70E-01	—	—	permil	—	—	08-1937	CAPA-08-14920	SILENS
Kieling Spring	—	—	—	09/04/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.22	8.00E-02	—	—	permil	—	—	19374	EF070800GSLK01	EES6
Kieling Spring	—	—	—	10/08/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.77	—	—	—	permil	—	—	11-109	CAPA-10-26884	EES6
Kieling Spring	—	—	—	09/15/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.79	—	—	—	permil	—	—	09-3233	CAPA-09-12107	EES6
Kieling Spring	—	—	—	09/15/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.84	—	—	—	permil	—	—	09-3233	CAPA-09-12107	EES6
Kieling Spring	—	—	—	09/12/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.52	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-14918	SILENS
Kieling Spring	—	—	—	09/04/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.59	8.00E-02	—	—	permil	—	—	19441	EU070800GSLK01	EES6
Kieling Spring	—	—	—	08/30/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.6	1.00E-01	—	—	permil	—	—	17819	EU060800GSLK01	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.99	8.90E-01	—	—	UNITLESS	—	—	08-413	CAPA-08-9719	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	DUP	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.99	—	—	—	permil	—	—	08-413	CAPA-08-9719	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.49	1.70E-01	—	—	UNITLESS	—	—	08-413	CAPA-08-9236	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.79	—	—	—	permil	—	—	08-413	CAPA-08-9236	EES6
Pajarito 0.5 mi above SR-501	—	—	—	08/28/06	WP	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-67.39	1.60E-01	—	—	permil	—	—	17803	EU060800PBF101	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.39	2.00E-01	—	—	UNITLESS	—	—	08-413	CAPA-08-9718	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	F	DUP	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.5	—	—	—	permil	—	—	08-413	CAPA-08-9718	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.97	2.00E-01	—	—	UNITLESS	—	—	08-413	CAPA-08-9237	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.8	—	—	—	permil	—	—	08-413	CAPA-08-9237	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.8	1.00E-01	—	—	UNITLESS	—	—	08-413	CAPA-08-9719	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.72	—	—	—	permil	—	—	08-413	CAPA-08-9719	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.71	1.00E-01	—	—	UNITLESS	—	—	08-413	CAPA-08-9236	EES6
Pajarito 0.5 mi above SR-501	—	—	—	12/17/07	WS	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.79	—	—	—	permil	—	—	08-413	CAPA-08-9236	EES6
Pajarito 0.5 mi above SR-501	—	—	—	08/28/06	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.04	1.00E-01	—	—	permil	—	—	17888	EU060800PBF101	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/03/07	WS	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.17	—	—	—	permil	—	—	08-303	CAPA-08-9228	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	08/24/06	WP	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.53	7.20E-01	—	—	permil	—	—	17800	EU06080PPBFB90	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	08/24/06	WP	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.96	4.10E-01	—	—	permil	—	—	17799	EU06080PPBFB01	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/03/07	WS	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.28	—	—	—	permil	—	—	08-303	CAPA-08-9227	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/03/07	WS	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.37	—	—	—	permil	—	—	08-303	CAPA-08-9227	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/03/07	WS	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.94	—	—	—	permil	—	—	08-303	CAPA-08-9228	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	08/24/06	WP	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.34	1.00E-01	—	—	permil	—	—	17885	EU06080PPBFB90	EES6
Pajarito below confluences of South and North Anchor East Basin	—	—	—	08/24/06	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.6	1.00E-01	—	—	permil	—	—	17884	EU06080PPBFB01	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below TA-18	—	—	—	03/05/08	WS	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-88.8	—	—	—	permil	—	—	08-745	CAPA-08-10989	EES6
Pajarito below TA-18	—	—	—	03/05/08	WS	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-87.97	—	—	—	permil	—	—	08-745	CAPA-08-10989	EES6
Pajarito below TA-18	—	—	—	03/05/08	WS	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.36	—	—	—	permil	—	—	08-745	CAPA-08-10987	EES6
Pajarito below TA-18	—	—	—	03/05/08	WS	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.59	—	—	—	permil	—	—	08-745	CAPA-08-10987	EES6
Pajarito below TA-18	—	—	—	03/05/08	WS	UF	CS	—	Rad	LLEE	Tritium	—	34.64405	1.06E+01	3.22E+00	—	pCi/L	—	—	08-747	CAPA-08-10989	ARSL
PC Spring	—	—	—	08/05/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-88.49140976	—	—	—	permil	—	—	10-4012	CAPA-10-24016	EES6
PC Spring	—	—	—	09/17/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-88.4	—	—	—	permil	—	—	09-3279	CAPA-09-12090	EES6
PC Spring	—	—	—	09/19/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-89.4	—	—	—	permil	—	—	08-1993	CAPA-08-14905	EES6
PC Spring	—	—	—	08/31/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.26	4.00E-01	—	—	permil	—	—	17730	EU060800GSCP01	EES6
PC Spring	—	—	—	07/12/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-88.56	2.30E-01	—	—	permil	—	—	5763	EU05070GSCP01	EES6
PC Spring	—	—	—	06/21/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-88.8	1.00E+00	—	—	permil	—	—	11941	EU05060GSCP01	EES6
PC Spring	—	—	—	08/05/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.571581781	—	—	—	permil	—	—	10-4012	CAPA-10-24014	EES6
PC Spring	—	—	—	08/05/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.251620851	—	—	—	permil	—	—	10-4012	CAPA-10-24014	EES6
PC Spring	—	—	—	09/19/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.52	5.00E-02	—	—	permil	—	—	19378	EF070900GSCP01	EES6
PC Spring	—	—	—	08/05/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.51353001	—	—	—	permil	—	—	10-4012	CAPA-10-24016	EES6
PC Spring	—	—	—	09/17/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.31	—	—	—	permil	—	—	09-3279	CAPA-09-12090	EES6
PC Spring	—	—	—	09/17/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.56	—	—	—	permil	—	—	09-3279	CAPA-09-12090	EES6
PC Spring	—	—	—	09/19/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.38	—	—	—	permil	—	—	08-1993	CAPA-08-14905	EES6
PC Spring	—	—	—	09/19/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.41	—	—	—	permil	—	—	08-1993	CAPA-08-14905	EES6
PC Spring	—	—	—	09/19/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.38	1.20E-01	—	—	permil	—	—	19447	EU070900GSCP01	EES6
PC Spring	—	—	—	08/31/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.32	1.00E-01	—	—	permil	—	—	17812	EU060800GSCP01	EES6
PC Spring	—	—	—	07/12/05	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.42	1.20E-01	—	—	permil	—	—	6017	EU05070GSCP01	EES6
PC Spring	—	—	—	06/21/05	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.68	6.00E-02	—	—	permil	—	—	11882	EU05060GSCP01	EES6
PCAO-5	8481	Single	14.7	12/17/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.63	—	—	—	permil	—	—	10-996	CAPA-10-6390	EES6
PCAO-5	8481	Single	14.7	12/17/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73	—	—	—	permil	—	—	10-996	CAPA-10-6390	EES6
PCAO-5	8481	Single	14.7	09/02/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.69	—	—	—	permil	—	—	09-3113	CAPA-09-12210	EES6
PCAO-5	8481	Single	14.7	09/02/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.71	—	—	—	permil	—	—	09-3113	CAPA-09-12210	EES6
PCAO-5	8481	Single	14.7	06/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.26	—	—	2.00E-03	permil	—	—	09-2261	CAPA-09-9388	EES6
PCAO-5	8481	Single	14.7	06/09/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.16	—	—	—	permil	—	—	09-2261	CAPA-09-9388	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.74	6.50E-01	—	—	permil	—	—	08-1861	CAPA-08-14975	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	DUP	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.29	—	—	—	permil	—	—	08-1861	CAPA-08-14975	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.85	4.80E-01	—	—	permil	—	—	08-1861	CAPA-08-14973	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.86	—	—	—	permil	—	—	08-1861	CAPA-08-14973	EES6
PCAO-5	8481	Single	14.7	06/09/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.64	6.00E-02	—	—	permil	—	—	08-1299	CAPA-08-13119	EES6
PCAO-5	8481	Single	14.7	12/17/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.5	—	—	—	permil	—	—	10-996	CAPA-10-6390	EES6
PCAO-5	8481	Single	14.7	12/17/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.45	—	—	—	permil	—	—	10-996	CAPA-10-6390	EES6
PCAO-5	8481	Single	14.7	09/02/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.78	—	—	—	permil	—	—	09-3113	CAPA-09-12210	EES6
PCAO-5	8481	Single	14.7	09/02/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.77	—	—	—	permil	—	—	09-3113	CAPA-09-12210	EES6
PCAO-5	8481	Single	14.7	06/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-10.96	—	—	1.00E-03	permil	U	—	09-2261	CAPA-09-9388	EES6
PCAO-5	8481	Single	14.7	06/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.74	—	—	—	permil	—	—	09-2261	CAPA-09-9388	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.3	9.00E-02	—	—	permil	—	—	08-1861	CAPA-08-14975	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.33	—	—	—	permil	—	—	08-1861	CAPA-08-14975	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.29	9.00E-02	—	—	permil	—	—	08-1861	CAPA-08-14973	EES6
PCAO-5	8481	Single	14.7	09/08/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.28	—	—	—	permil	—	—	08-1861	CAPA-08-14973	EES6
PCAO-5	8481	Single	14.7	06/09/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.47	1.40E-01	—	—	permil	—	—	08-1299	CAPA-08-13119	EES6
PCAO-6	8491	Single	8	06/04/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.99777952	—	—	—	permil	—	—	10-3321	CAPA-10-17775	EES6
PCAO-6	8491	Single	8	06/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.53	—	—	—	permil	—	—	09-2118	CAPA-09-9426	EES6
PCAO-6	8491	Single	8	06/01/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.75	—	—	—	permil	—	—	09-2118	CAPA-09-9426	EES6
PCAO-6	8491	Single	8	06/04/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.85	—	—	—	permil	—	—	10-3321	CAPA-10-17775	EES6
PCAO-6	8491	Single	8	06/04/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.7	—	—	—	permil	—	—	10-3321	CAPA-10-17775	EES6
PCAO-6	8491	Single	8	06/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11.31	—	—	1.00E-03	permil	U	—	09-2118	CAPA-09-9426	EES6
PCAO-6	8491	Single	8	06/04/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	30.17385	4.60E+00	1.82E+00	—	pCi/L	—	—	10-3322	CAPA-10-17775	ARSL
PCAO-6	8491	Single	8	06/01/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	42.4669	1.28E+00	2.87E-01	—	pCi/L	—	—	09-2149	CAPA-09-9426	UMTL
PCAO-7a	8501	Single	9.7	02/23/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.23266691	—	—	—	permil	—	—	10-2042	CAPA-10-12871	EES6
PCAO-7a	8501	Single	9.7	02/23/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.73260672	—	—	—	permil	—	—	10-2042	CAPA-10-12871	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7a	8501	Single	9.7	12/11/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.07	—	—	—	permil	—	—	10-907	CAPA-10-6749	EES6
PCAO-7a	8501	Single	9.7	12/11/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.41	—	—	—	permil	—	—	10-907	CAPA-10-6749	EES6
PCAO-7a	8501	Single	9.7	09/17/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.93	—	—	—	permil	—	—	09-3274	CAPA-09-12214	EES6
PCAO-7a	8501	Single	9.7	06/02/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.06	—	—	—	permil	—	—	09-2143	CAPA-09-9390	EES6
PCAO-7a	8501	Single	9.7	06/02/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.76	—	—	2.00E-04	permil	—	—	09-2143	CAPA-09-9390	EES6
PCAO-7a	8501	Single	9.7	02/25/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.18	—	—	—	permil	—	—	09-1012	CAPA-09-4342	EES6
PCAO-7a	8501	Single	9.7	09/08/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.95	1.30E-01	—	—	permil	—	—	08-1861	CAPA-08-14977	EES6
PCAO-7a	8501	Single	9.7	09/08/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.25	—	—	—	permil	—	—	08-1861	CAPA-08-14977	EES6
PCAO-7a	8501	Single	9.7	06/22/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.03	1.17E+00	—	—	permil	—	—	08-1415	CAPA-08-13223	EES6
PCAO-7a	8501	Single	9.7	02/23/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.69	—	—	—	permil	—	—	10-2042	CAPA-10-12872	EES6
PCAO-7a	8501	Single	9.7	12/11/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.64	—	—	—	permil	—	—	10-907	CAPA-10-6752	EES6
PCAO-7a	8501	Single	9.7	12/11/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.91	—	—	—	permil	—	—	10-907	CAPA-10-6752	EES6
PCAO-7a	8501	Single	9.7	09/17/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.96	—	—	—	permil	—	—	09-3274	CAPA-09-12216	EES6
PCAO-7a	8501	Single	9.7	09/17/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.92	—	—	—	permil	—	—	09-3274	CAPA-09-12216	EES6
PCAO-7a	8501	Single	9.7	06/02/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	5.78	—	—	5.00E-05	permil	U	—	09-2143	CAPA-09-9392	EES6
PCAO-7a	8501	Single	9.7	09/08/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.08	2.10E-01	—	—	permil	—	—	08-1861	CAPA-08-14978	EES6
PCAO-7a	8501	Single	9.7	06/22/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.86	2.70E-01	—	—	permil	—	—	08-1415	CAPA-08-13221	EES6
PCAO-7a	8501	Single	9.7	12/11/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.82	—	—	—	permil	—	—	10-907	CAPA-10-6749	EES6
PCAO-7a	8501	Single	9.7	12/11/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.45	—	—	—	permil	—	—	10-907	CAPA-10-6749	EES6
PCAO-7a	8501	Single	9.7	09/17/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14	—	—	—	permil	—	—	09-3274	CAPA-09-12214	EES6
PCAO-7a	8501	Single	9.7	06/02/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11.59	—	—	1.00E-03	permil	U	—	09-2143	CAPA-09-9390	EES6
PCAO-7a	8501	Single	9.7	02/25/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25	—	—	—	permil	—	—	09-1012	CAPA-09-4342	EES6
PCAO-7a	8501	Single	9.7	09/08/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.63	9.00E-02	—	—	permil	—	—	08-1861	CAPA-08-14977	EES6
PCAO-7a	8501	Single	9.7	09/08/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.4	—	—	—	permil	—	—	08-1861	CAPA-08-14977	EES6
PCAO-7a	8501	Single	9.7	06/22/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.45	1.40E-01	—	—	permil	—	—	08-1415	CAPA-08-13223	EES6
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.85	—	—	—	permil	—	—	10-922	CAPA-10-6758	EES6
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.82	—	—	—	permil	—	—	09-3220	CAPA-09-12220	EES6
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.64	—	—	—	permil	—	—	09-3220	CAPA-09-12220	EES6
PCAO-7c	8531	Single	9.7	06/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.08	—	—	2.00E-04	permil	—	—	09-2175	CAPA-09-9395	EES6
PCAO-7c	8531	Single	9.7	02/24/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.91	—	—	—	permil	—	—	09-1024	CAPA-09-4343	EES6
PCAO-7c	8531	Single	9.7	02/24/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.21	—	—	—	permil	—	—	09-1024	CAPA-09-4343	EES6
PCAO-7c	8531	Single	9.7	09/09/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.82	6.00E-02	—	—	permil	—	—	08-1892	CAPA-08-14990	EES6
PCAO-7c	8531	Single	9.7	09/09/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.68	—	—	—	permil	—	—	08-1892	CAPA-08-14990	EES6
PCAO-7c	8531	Single	9.7	06/22/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.31	6.00E-01	—	—	permil	—	—	08-1415	CAPA-08-13123	EES6
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	12.82	—	—	—	permil	—	—	10-2245	CAPA-10-12879	EES6
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	12.44	—	—	—	permil	—	—	10-922	CAPA-10-6759	EES6
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	12.23	—	—	—	permil	—	—	09-3220	CAPA-09-12219	EES6
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	12.04	—	—	—	permil	—	—	09-3220	CAPA-09-12219	EES6
PCAO-7c	8531	Single	9.7	06/03/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	4.55	—	—	5.00E-05	permil	U	—	09-2175	CAPA-09-9394	EES6
PCAO-7c	8531	Single	9.7	02/24/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.9	—	—	—	permil	—	—	09-1024	CAPA-09-4345	EES6
PCAO-7c	8531	Single	9.7	06/22/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	9.3	1.50E-01	—	—	permil	—	—	08-1415	CAPA-08-13121	EES6
PCAO-7c	8531	Single	9.7	06/22/08	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	9.54	—	—	—	permil	—	—	08-1415	CAPA-08-13121	EES6
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.03	—	—	—	permil	—	—	10-2245	CAPA-10-12876	EES6
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.21	—	—	—	permil	—	—	10-2245	CAPA-10-12876	EES6
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.35	—	—	—	permil	—	—	10-922	CAPA-10-6758	EES6
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.13	—	—	—	permil	—	—	10-922	CAPA-10-6758	EES6
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	—	—	—	permil	—	—	09-3220	CAPA-09-12220	EES6
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	—	—	—	permil	—	—	09-3220	CAPA-09-12220	EES6
PCAO-7c	8531	Single	9.7	06/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.96	—	—	2.14E-02	permil	—	—	09-2175	CAPA-09-9395	EES6
PCAO-7c	8531	Single	9.7	02/24/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	09-1024	CAPA-09-4343	EES6
PCAO-7c	8531	Single	9.7	02/24/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25	—	—	—	permil	—	—	09-1024	CAPA-09-4343	EES6
PCAO-7c	8531	Single	9.7	09/09/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	1.20E-01	—	—	permil	—	—	08-1892	CAPA-08-14990	EES6
PCAO-7c	8531	Single	9.7	06/22/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	1.40E-01	—	—	permil	—	—	08-1415	CAPA-08-13123	EES6
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.09983766	—	—	—	permil	—	—	10-3345	CAPA-10-17777	EES6
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.22133896	—	—	—	permil	—	—	10-3345	CAPA-10-17777	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.13	2.50E-01	—	—	permil	—	—	08-1460	CAPA-08-13131	EES6
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.41322613	—	—	—	permil	—	—	10-3345	CAPA-10-17778	EES6
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.23	1.40E-01	—	—	permil	—	—	08-1460	CAPA-08-13131	EES6
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	44.12726	6.74E+00	2.52E+00	—	pCi/L	—	—	10-3346	CAPA-10-17777	ARSL
PCAO-8	8541	Single	9.7	09/17/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	116.8638	3.83E+00	2.87E-01	—	pCi/L	—	—	08-2002	CAPA-08-15001	UMTL
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	73.7583	2.55E+00	2.87E-01	—	pCi/L	—	—	08-1463	CAPA-08-13131	UMTL
PCAO-9	8551	Single	6	06/03/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.33644978	—	—	—	permil	—	—	10-3321	CAPA-10-17780	EES6
PCAO-9	8551	Single	6	06/03/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.81476484	—	—	—	permil	—	—	10-3321	CAPA-10-17780	EES6
PCAO-9	8551	Single	6	09/17/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.9	—	—	—	permil	—	—	08-1967	CAPA-08-15090	EES6
PCAO-9	8551	Single	6	09/17/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.77	—	—	—	permil	—	—	08-1967	CAPA-08-15090	EES6
PCAO-9	8551	Single	6	06/25/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.88	1.80E-01	—	—	permil	—	—	08-1479	CAPA-08-13386	EES6
PCAO-9	8551	Single	6	06/03/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.045920161	—	—	—	permil	—	—	10-3321	CAPA-10-17782	EES6
PCAO-9	8551	Single	6	09/17/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.22	—	—	—	permil	—	—	08-1967	CAPA-08-15091	EES6
PCAO-9	8551	Single	6	06/03/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	—	—	—	permil	—	—	10-3321	CAPA-10-17780	EES6
PCAO-9	8551	Single	6	06/03/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.22	—	—	—	permil	—	—	10-3321	CAPA-10-17780	EES6
PCAO-9	8551	Single	6	09/17/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	—	—	—	permil	—	—	08-1967	CAPA-08-15090	EES6
PCAO-9	8551	Single	6	09/17/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	—	—	—	permil	—	—	08-1967	CAPA-08-15090	EES6
PCAO-9	8551	Single	6	06/25/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.53	1.40E-01	—	—	permil	—	—	08-1479	CAPA-08-13386	EES6
PCAO-9	8551	Single	6	06/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	52.0459	7.85E+00	1.60E+00	—	pCi/L	—	—	10-3322	CAPA-10-17780	ARSL
PCAO-9	8551	Single	6	09/17/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	70.5653	2.24E+00	2.87E-01	—	pCi/L	—	—	08-2002	CAPA-08-15090	UMTL
PCAO-9	8551	Single	6	06/25/08	WG	UF	CS	—	Rad	LLEE	Tritium	—	63.5407	2.24E+00	2.87E-01	—	pCi/L	—	—	08-1497	CAPA-08-13386	UMTL
PCI-2	8851	Single	512	08/02/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.97510818	—	—	—	permil	—	—	10-3952	CAPA-10-24132	EES6
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.65282258	—	—	—	permil	—	—	10-3345	CAPA-10-17850	EES6
PCI-2	8851	Single	512	03/01/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.4623124	—	—	—	permil	—	—	10-2222	CAPA-10-12892	EES6
PCI-2	8851	Single	512	03/01/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.77228115	—	—	—	permil	—	—	10-2222	CAPA-10-12892	EES6
PCI-2	8851	Single	512	12/14/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.16	—	—	—	permil	—	—	10-934	CAPA-10-6784	EES6
PCI-2	8851	Single	512	09/04/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.88	—	—	—	permil	—	—	09-3148	CAPA-09-12259	EES6
PCI-2	8851	Single	512	06/11/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-80.47	—	—	1.00E-03	permil	U	—	09-2303	CAPA-09-9615	EES6
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	2.78029104	—	—	—	permil	—	—	10-3952	CAPA-10-24133	EES6
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.470991521	—	—	—	permil	—	—	10-3345	CAPA-10-17848	EES6
PCI-2	8851	Single	512	09/04/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.04	—	—	—	permil	—	—	09-3148	CAPA-09-12257	EES6
PCI-2	8851	Single	512	06/11/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	3.61	—	—	1.00E-02	permil	U	—	09-2303	CAPA-09-9617	EES6
PCI-2	8851	Single	512	08/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.26369476	—	—	—	permil	—	—	10-3952	CAPA-10-24132	EES6
PCI-2	8851	Single	512	03/01/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25	—	—	—	permil	—	—	10-2222	CAPA-10-12892	EES6
PCI-2	8851	Single	512	12/14/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.7	—	—	—	permil	—	—	10-934	CAPA-10-6784	EES6
PCI-2	8851	Single	512	12/14/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.59	—	—	—	permil	—	—	10-934	CAPA-10-6784	EES6
PCI-2	8851	Single	512	09/04/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.39	—	—	—	permil	—	—	09-3148	CAPA-09-12259	EES6
PCI-2	8851	Single	512	09/04/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	—	—	—	permil	—	—	09-3148	CAPA-09-12259	EES6
PCI-2	8851	Single	512	06/11/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	1.00E-02	permil	—	—	09-2303	CAPA-09-9615	EES6
R-17	7031	P1A	1057	08/04/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.36496364	—	—	—	permil	—	—	10-4000	CAPA-10-24093	EES6
R-17	7031	P1A	1057	09/11/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.69	—	—	—	permil	—	—	09-3203	CAPA-09-12163	EES6
R-17	7031	P1A	1057	09/09/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.68	1.50E-01	—	—	permil	—	—	08-1874	CAPA-08-15034	EES6
R-17	7031	P1A	1057	12/05/07	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.16	1.00E-01	—	—	UNITLESS	—	—	08-352	CAPA-08-9327	EES6
R-17	7031	P1A	1057	12/05/07	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.83	—	—	—	permil	—	—	08-352	CAPA-08-9327	EES6
R-17	7031	P1A	1057	02/22/07	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.93	9.20E-01	—	—	permil	—	—	18502	EU07020GR17101	EES6
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.075105462	—	—	—	permil	—	—	10-4000	CAPA-10-24092	EES6
R-17	7031	P1A	1057	09/11/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.57	—	—	—	permil	—	—	09-3203	CAPA-09-12162	EES6
R-17	7031	P1A	1057	09/09/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.36	3.70E-01	—	—	permil	—	—	08-1874	CAPA-08-15032	EES6
R-17	7031	P1A	1057	12/05/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.97	2.60E-01	—	—	UNITLESS	—	—	08-352	CAPA-08-9328	EES6
R-17	7031	P1A	1057	02/22/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.66	1.50E-01	—	—	permil	—	—	19040	EF07020GR17101	EES6
R-17	7031	P1A	1057	08/04/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.82377435	—	—	—	permil	—	—	10-4000	CAPA-10-24093	EES6
R-17	7031	P1A	1057	09/11/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	—	—	—	permil	—	—	09-3203	CAPA-09-12163	EES6
R-17	7031	P1A	1057	09/09/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	9.00E-02	—	—	permil	—	—	08-1874	CAPA-08-15034	EES6
R-17	7031	P1A	1057	12/05/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	9.00E-02	—	—	UNITLESS	—	—	08-352	CAPA-08-9327	EES6
R-17	7031	P1A	1057	02/22/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.05	1.30E-01	—	—	permil	—	—	18623	EU07020GR17101	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	P2A	1124	08/04/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.1225871	—	—	—	permil	—	—	10-4000	CAPA-10-24097	EES6
R-17	7041	P2A	1124	09/11/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.5	—	—	—	permil	—	—	09-3203	CAPA-09-12166	EES6
R-17	7041	P2A	1124	09/09/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.06	3.10E-01	—	—	permil	—	—	08-1889	CAPA-08-15035	EES6
R-17	7041	P2A	1124	09/09/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.7	—	—	—	permil	—	—	08-1889	CAPA-08-15035	EES6
R-17	7041	P2A	1124	12/06/07	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.71	—	—	—	permil	—	—	08-368	CAPA-08-9332	EES6
R-17	7041	P2A	1124	12/06/07	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.98	—	—	—	permil	—	—	08-368	CAPA-08-9332	EES6
R-17	7041	P2A	1124	02/22/07	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.9	5.50E-01	—	—	permil	—	—	18503	EU07020GR17201	EES6
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.283607885	—	—	—	permil	—	—	10-4000	CAPA-10-24096	EES6
R-17	7041	P2A	1124	08/04/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.322847307	—	—	—	permil	—	—	10-4000	CAPA-10-24096	EES6
R-17	7041	P2A	1124	09/11/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.91	—	—	—	permil	—	—	09-3203	CAPA-09-12164	EES6
R-17	7041	P2A	1124	09/09/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.16	1.90E-01	—	—	permil	—	—	08-1889	CAPA-08-15037	EES6
R-17	7041	P2A	1124	12/06/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.59	—	—	—	permil	—	—	08-368	CAPA-08-9331	EES6
R-17	7041	P2A	1124	12/06/07	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.25	—	—	—	permil	—	—	08-368	CAPA-08-9331	EES6
R-17	7041	P2A	1124	02/22/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.11	8.00E-02	—	—	permil	—	—	18570	EF07020GR17201	EES6
R-17	7041	P2A	1124	08/04/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.24455646	—	—	—	permil	—	—	10-4000	CAPA-10-24097	EES6
R-17	7041	P2A	1124	09/11/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.21	—	—	—	permil	—	—	09-3203	CAPA-09-12166	EES6
R-17	7041	P2A	1124	09/09/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	9.00E-02	—	—	permil	—	—	08-1889	CAPA-08-15035	EES6
R-17	7041	P2A	1124	09/09/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	—	—	—	permil	—	—	08-1889	CAPA-08-15035	EES6
R-17	7041	P2A	1124	12/06/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	08-368	CAPA-08-9332	EES6
R-17	7041	P2A	1124	12/06/07	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.21	—	—	—	permil	—	—	08-368	CAPA-08-9332	EES6
R-17	7041	P2A	1124	02/22/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.27	1.30E-01	—	—	permil	—	—	18624	EU07020GR17201	EES6
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.71289154	—	—	—	permil	—	—	11-254	CAPA-10-27415	EES6
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.28	—	—	—	permil	—	—	09-3213	CAPA-09-12168	EES6
R-18	5861	Single	1358	05/28/09	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-87.17	—	—	—	permil	—	—	09-2066	CAPA-09-9406	EES6
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.65	—	—	—	permil	—	—	09-2066	CAPA-09-9404	EES6
R-18	5861	Single	1358	03/12/09	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.1	—	—	—	permil	—	—	09-1206	CAPA-09-4349	EES6
R-18	5861	Single	1358	03/12/09	WG	UF	DUP	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.73	—	—	—	permil	—	—	09-1206	CAPA-09-4349	EES6
R-18	5861	Single	1358	03/12/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.83	—	—	—	permil	—	—	09-1206	CAPA-09-4348	EES6
R-18	5861	Single	1358	03/12/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.8	—	—	—	permil	—	—	09-1206	CAPA-09-4348	EES6
R-18	5861	Single	1358	09/17/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.96	—	—	—	permil	—	—	08-1977	CAPA-08-15040	EES6
R-18	5861	Single	1358	09/17/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.04	—	—	—	permil	—	—	08-1977	CAPA-08-15040	EES6
R-18	5861	Single	1358	09/17/08	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.02	—	—	—	permil	—	—	08-1977	CAPA-08-15042	EES6
R-18	5861	Single	1358	08/16/06	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.2	9.00E-02	—	—	permil	—	—	17720	EU060800G18R90	EES6
R-18	5861	Single	1358	08/16/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.87	4.30E-01	—	—	permil	—	—	17719	EU060800G18R01	EES6
R-18	5861	Single	1358	05/16/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.4	1.00E-01	—	—	permil	—	—	12085	EU060500G18R01	EES6
R-18	5861	Single	1358	03/07/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.68	6.00E-02	—	—	permil	—	—	11722	EU06020G18R01	EES6
R-18	5861	Single	1358	12/01/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.13	4.00E-02	—	—	permil	—	—	11308	EU05110G18R01	EES6
R-18	5861	Single	1358	08/25/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84.39	3.70E-01	—	—	permil	—	—	5815	EU05080G18R01	EES6
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.682298961	—	—	—	permil	—	—	11-254	CAPA-10-27417	EES6
R-18	5861	Single	1358	10/21/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.813546311	—	—	—	permil	—	—	11-254	CAPA-10-27417	EES6
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.13	—	—	—	permil	—	—	09-3213	CAPA-09-12170	EES6
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	4.84	—	—	5.00E-05	permil	U	—	09-2066	CAPA-09-9403	EES6
R-18	5861	Single	1358	03/12/09	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.56	—	—	—	permil	—	—	09-1206	CAPA-09-4350	EES6
R-18	5861	Single	1358	03/12/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.8	—	—	—	permil	—	—	09-1206	CAPA-09-4346	EES6
R-18	5861	Single	1358	09/17/08	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.74	—	—	—	permil	—	—	08-1977	CAPA-08-15041	EES6
R-18	5861	Single	1358	09/17/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.98	—	—	—	permil	—	—	08-1977	CAPA-08-15039	EES6
R-18	5861	Single	1358	09/04/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.97	1.60E-01	—	—	permil	—	—	19371	EF070800G18R01	EES6
R-18	5861	Single	1358	05/16/06	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.99	3.00E-02	—	—	permil	—	—	12633	EF060500G18R01	EES6
R-18	5861	Single	1358	03/07/06	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.06	1.80E-01	—	—	permil	—	—	11858	EF06020G18R01	EES6
R-18	5861	Single	1358	08/25/05	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.79	1.40E-01	—	—	permil	—	—	5867	EF05080G18R01	EES6
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.03721148	—	—	—	permil	—	—	11-254	CAPA-10-27415	EES6
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.98	—	—	—	permil	—	—	09-3213	CAPA-09-12168	EES6
R-18	5861	Single	1358	09/14/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.04	—	—	—	permil	—	—	09-3213	CAPA-09-12168	EES6
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11.92	—	—	1.00E-03	permil	U	—	09-2066	CAPA-09-9404	EES6
R-18	5861	Single	1358	03/12/09	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.98	—	—	—	permil	—	—	09-1206	CAPA-09-4349	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	Single	1358	03/12/09	WG	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.9	—	—	—	permil	—	—	09-1206	CAPA-09-4349	EES6
R-18	5861	Single	1358	03/12/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.52	—	—	—	permil	—	—	09-1206	CAPA-09-4348	EES6
R-18	5861	Single	1358	03/12/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.7	—	—	—	permil	—	—	09-1206	CAPA-09-4348	EES6
R-18	5861	Single	1358	09/17/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12	—	—	—	permil	—	—	08-1977	CAPA-08-15040	EES6
R-18	5861	Single	1358	09/17/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.03	—	—	—	permil	—	—	08-1977	CAPA-08-15040	EES6
R-18	5861	Single	1358	09/17/08	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.95	—	—	—	permil	—	—	08-1977	CAPA-08-15042	EES6
R-18	5861	Single	1358	09/17/08	WG	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.12	—	—	—	permil	—	—	08-1977	CAPA-08-15042	EES6
R-18	5861	Single	1358	09/04/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.63	8.00E-02	—	—	permil	—	—	19438	EU070800G18R01	EES6
R-18	5861	Single	1358	08/16/06	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.74	1.30E-01	—	—	permil	—	—	13093	EU060800G18R90	EES6
R-18	5861	Single	1358	08/16/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.85	1.30E-01	—	—	permil	—	—	13092	EU060800G18R01	EES6
R-18	5861	Single	1358	05/16/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.84	6.00E-02	—	—	permil	—	—	12060	EU060500G18R01	EES6
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.46818184	—	—	—	permil	—	—	11-176	CAPA-10-26954	EES6
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.09150234	—	—	—	permil	—	—	10-3321	CAPA-10-17572	EES6
R-19	232	MP2A	909.3	06/02/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.87480949	—	—	—	permil	—	—	10-3321	CAPA-10-17572	EES6
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.49723243	—	—	—	permil	—	—	10-2181	CAPA-10-12794	EES6
R-19	232	MP2A	909.3	02/25/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.94504201	—	—	—	permil	—	—	10-2181	CAPA-10-12794	EES6
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.93	—	—	—	permil	—	—	10-822	CAPA-10-6108	EES6
R-19	232	MP2A	909.3	12/03/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.76	—	—	—	permil	—	—	10-822	CAPA-10-6108	EES6
R-19	232	MP2A	909.3	09/10/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.55	—	—	—	permil	—	—	09-3207	CAPA-09-12155	EES6
R-19	232	MP2A	909.3	09/10/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.2	—	—	—	permil	—	—	09-3207	CAPA-09-12155	EES6
R-19	232	MP2A	909.3	09/16/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.16	—	—	—	permil	—	—	08-1982	CAPA-08-15010	EES6
R-19	232	MP2A	909.3	09/16/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.75	—	—	—	permil	—	—	08-1982	CAPA-08-15010	EES6
R-19	232	MP2A	909.3	08/18/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.71	6.50E-01	—	—	permil	—	—	17725	EU06080G19R201	EES6
R-19	232	MP2A	909.3	08/22/02	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76	—	—	—	UNITLESS	—	—	1174S	GW19-02-47879	GEO
R-19	232	MP2A	909.3	09/13/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75	—	—	—	UNITLESS	—	—	9818R	GW19-01-0032	GEO
R-19	232	MP2A	909.3	07/05/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78	—	—	—	UNITLESS	—	—	9245R	GW19-01-0017	GEO
R-19	232	MP2A	909.3	04/10/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73	—	—	—	UNITLESS	—	—	8669R	GW19-01-0003	GEO
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	-1.479297167	—	—	—	permil	—	—	11-176	CAPA-10-26956	EES6
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	-0.046983106	—	—	—	permil	—	—	10-3321	CAPA-10-17573	EES6
R-19	232	MP2A	909.3	06/02/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	0.200119902	—	—	—	permil	—	—	10-3321	CAPA-10-17573	EES6
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.56	—	—	—	permil	—	—	10-2181	CAPA-10-12793	EES6
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.64	—	—	—	permil	—	—	10-822	CAPA-10-6107	EES6
R-19	232	MP2A	909.3	09/10/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.05	—	—	—	permil	—	—	09-3207	CAPA-09-12156	EES6
R-19	232	MP2A	909.3	09/10/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.67	—	—	—	permil	—	—	09-3207	CAPA-09-12156	EES6
R-19	232	MP2A	909.3	09/16/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	2.81	—	—	—	permil	—	—	08-1982	CAPA-08-15009	EES6
R-19	232	MP2A	909.3	09/25/00	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.6	—	—	—	UNITLESS	—	—	7675R	CATH-00-0052	COAST
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.77276117	—	—	—	permil	—	—	11-176	CAPA-10-26954	EES6
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.58	—	—	—	permil	—	—	10-3321	CAPA-10-17572	EES6
R-19	232	MP2A	909.3	06/02/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.47	—	—	—	permil	—	—	10-3321	CAPA-10-17572	EES6
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.77	—	—	—	permil	—	—	10-2181	CAPA-10-12794	EES6
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.35	—	—	—	permil	—	—	10-822	CAPA-10-6108	EES6
R-19	232	MP2A	909.3	12/03/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.26	—	—	—	permil	—	—	10-822	CAPA-10-6108	EES6
R-19	232	MP2A	909.3	09/10/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.56	—	—	—	permil	—	—	09-3207	CAPA-09-12155	EES6
R-19	232	MP2A	909.3	09/16/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.65	—	—	—	permil	—	—	08-1982	CAPA-08-15010	EES6
R-19	232	MP2A	909.3	09/16/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.68	—	—	—	permil	—	—	08-1982	CAPA-08-15010	EES6
R-19	232	MP2A	909.3	08/18/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.5	1.30E-01	—	—	permil	—	—	13099	EU06080G19R201	EES6
R-19	232	MP2A	909.3	08/22/02	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	—	—	—	UNITLESS	—	—	1174S	GW19-02-47879	GEO
R-19	232	MP2A	909.3	09/13/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	—	—	—	UNITLESS	—	—	9818R	GW19-01-0032	GEO
R-19	232	MP2A	909.3	07/05/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	—	—	—	UNITLESS	—	—	9245R	GW19-01-0017	GEO
R-19	232	MP2A	909.3	04/10/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.76	—	—	—	UNITLESS	—	—	8669R	GW19-01-0003	GEO
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.01882244	—	—	—	permil	—	—	10-3927	CAPA-10-24099	EES6
R-19	282	MP3A	1190.7	09/14/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.19	—	—	—	permil	—	—	09-3254	CAPA-09-12175	EES6
R-19	282	MP3A	1190.7	09/14/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.2	—	—	—	permil	—	—	09-3254	CAPA-09-12175	EES6
R-19	282	MP3A	1190.7	09/10/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.23	6.40E-01	—	—	permil	—	—	08-1913	CAPA-08-15047	EES6
R-19	282	MP3A	1190.7	09/10/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.04	—	—	—	permil	—	—	08-1913	CAPA-08-15047	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	MP3A	1190.7	08/15/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.42	7.60E-01	—	—	permil	—	—	18449	EU06080G19R301	EES6
R-19	282	MP3A	1190.7	08/22/02	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79	—	—	—	UNITLESS	—	—	1174S	GW19-02-47880	GEO
R-19	282	MP3A	1190.7	09/19/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77	—	—	—	UNITLESS	—	—	9881R	GW19-01-0036	GEO
R-19	282	MP3A	1190.7	09/18/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76	—	—	—	UNITLESS	—	—	9831R	GW19-01-0034	GEO
R-19	282	MP3A	1190.7	07/10/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80	—	—	—	UNITLESS	—	—	9269R	GW19-01-0019	GEO
R-19	282	MP3A	1190.7	04/09/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77	—	—	—	UNITLESS	—	—	8669R	GW19-01-0005	GEO
R-19	282	MP3A	1190.7	09/26/00	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-10.7	—	—	—	UNITLESS	—	—	7710R	CATH-00-0044	GEO
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.612549747	—	—	—	permil	—	—	10-3927	CAPA-10-24098	EES6
R-19	282	MP3A	1190.7	07/29/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.510416592	—	—	—	permil	—	—	10-3927	CAPA-10-24098	EES6
R-19	282	MP3A	1190.7	09/14/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	2.92	—	—	—	permil	—	—	09-3254	CAPA-09-12177	EES6
R-19	282	MP3A	1190.7	09/10/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.4	3.70E-01	—	—	permil	—	—	08-1913	CAPA-08-15046	EES6
R-19	282	MP3A	1190.7	09/04/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.92	1.60E-01	—	—	permil	—	—	19368	EF07080G19R301	EES6
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.06244524	—	—	—	permil	—	—	10-3927	CAPA-10-24099	EES6
R-19	282	MP3A	1190.7	09/14/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.36	—	—	—	permil	—	—	09-3254	CAPA-09-12175	EES6
R-19	282	MP3A	1190.7	09/14/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.77	—	—	—	permil	—	—	09-3254	CAPA-09-12175	EES6
R-19	282	MP3A	1190.7	09/10/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.01	1.20E-01	—	—	permil	—	—	08-1913	CAPA-08-15047	EES6
R-19	282	MP3A	1190.7	09/10/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	—	—	—	permil	—	—	08-1913	CAPA-08-15047	EES6
R-19	282	MP3A	1190.7	09/04/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14	8.00E-02	—	—	permil	—	—	19436	EU07080G19R301	EES6
R-19	282	MP3A	1190.7	08/15/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11	1.30E-01	—	—	permil	—	—	13100	EU06080G19R301	EES6
R-19	282	MP3A	1190.7	08/22/02	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	—	—	—	UNITLESS	—	—	1174S	GW19-02-47880	GEO
R-19	282	MP3A	1190.7	09/19/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	UNITLESS	—	—	9881R	GW19-01-0036	GEO
R-19	282	MP3A	1190.7	09/18/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	—	—	—	UNITLESS	—	—	9831R	GW19-01-0034	GEO
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.5648462	—	—	—	permil	—	—	10-3931	CAPA-10-24102	EES6
R-19	352	MP4A	1412.9	09/16/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.86	—	—	—	permil	—	—	09-3296	CAPA-09-12181	EES6
R-19	352	MP4A	1412.9	09/16/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.8	—	—	—	permil	—	—	09-3296	CAPA-09-12181	EES6
R-19	352	MP4A	1412.9	09/11/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.41	5.90E-01	—	—	permil	—	—	08-1937	CAPA-08-15049	SILENS
R-19	352	MP4A	1412.9	08/16/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.66	1.40E-01	—	—	permil	—	—	17726	EU06080G19R401	EES6
R-19	352	MP4A	1412.9	08/26/02	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85	—	—	—	UNITLESS	—	—	1176S	GW19-02-47881	GEO
R-19	352	MP4A	1412.9	07/11/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80	—	—	—	UNITLESS	—	—	9286R	GW19-01-0021	GEO
R-19	352	MP4A	1412.9	04/06/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79	—	—	—	UNITLESS	—	—	8652R	GW19-01-0007	GEO
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.683116474	—	—	—	permil	—	—	10-3931	CAPA-10-24104	EES6
R-19	352	MP4A	1412.9	07/30/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.171148583	—	—	—	permil	—	—	10-3931	CAPA-10-24104	EES6
R-19	352	MP4A	1412.9	09/16/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.18	—	—	—	permil	—	—	09-3296	CAPA-09-12180	EES6
R-19	352	MP4A	1412.9	09/11/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.69	3.70E-01	—	—	permil	—	—	08-1937	CAPA-08-15048	SILENS
R-19	352	MP4A	1412.9	09/10/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.13	8.00E-02	—	—	permil	—	—	19369	EF07080G19R401	EES6
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.41767813	—	—	—	permil	—	—	10-3931	CAPA-10-24102	EES6
R-19	352	MP4A	1412.9	09/16/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	—	—	—	permil	—	—	09-3296	CAPA-09-12181	EES6
R-19	352	MP4A	1412.9	09/16/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.41	—	—	—	permil	—	—	09-3296	CAPA-09-12181	EES6
R-19	352	MP4A	1412.9	09/11/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.38	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-15049	SILENS
R-19	352	MP4A	1412.9	09/10/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.54	8.00E-02	—	—	permil	—	—	19437	EU07080G19R401	EES6
R-19	352	MP4A	1412.9	08/16/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	1.30E-01	—	—	permil	—	—	13101	EU06080G19R401	EES6
R-19	352	MP4A	1412.9	08/26/02	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.7	—	—	—	UNITLESS	—	—	1176S	GW19-02-47881	GEO
R-19	452	MP6A	1730.1	09/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.29	—	—	—	permil	—	—	09-3337	CAPA-09-12186	EES6
R-19	452	MP6A	1730.1	08/17/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-69.41	4.70E-01	—	—	permil	—	—	17728	EU06080G19R601	EES6
R-19	452	MP6A	1730.1	08/27/02	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83	—	—	—	UNITLESS	—	—	1177S	GW19-02-47883	GEO
R-19	452	MP6A	1730.1	09/21/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76	—	—	—	UNITLESS	—	—	9887R	GW19-01-0040	GEO
R-19	452	MP6A	1730.1	07/16/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78	—	—	—	UNITLESS	—	—	9332R	GW19-01-0025	GEO
R-19	452	MP6A	1730.1	04/02/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76	—	—	—	UNITLESS	—	—	8592R	GW19-01-0011	GEO
R-19	452	MP6A	1730.1	10/04/00	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74	—	—	—	UNITLESS	—	—	7794R	CATH-00-0048	GELC
R-19	452	MP6A	1730.1	09/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	—	—	—	permil	—	—	09-3337	CAPA-09-12186	EES6
R-19	452	MP6A	1730.1	08/17/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	1.30E-01	—	—	permil	—	—	13103	EU06080G19R601	EES6
R-19	452	MP6A	1730.1	08/27/02	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	—	—	—	UNITLESS	—	—	1177S	GW19-02-47883	GEO
R-19	452	MP6A	1730.1	09/21/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	—	—	—	UNITLESS	—	—	9887R	GW19-01-0040	GEO
R-19	452	MP6A	1730.1	07/16/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11	—	—	—	UNITLESS	—	—	9332R	GW19-01-0025	GEO
R-19	502	MP7A	1834.7	09/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.28	—	—	—	permil	—	—	09-3296	CAPA-09-12466	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	502	MP7A	1834.7	08/18/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.95	8.00E-02	—	—	permil	—	—	17729	EU06080G19R701	EES6
R-19	502	MP7A	1834.7	08/26/02	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80	—	—	—	UNITLESS	—	—	1176S	GW19-02-47884	GEO
R-19	502	MP7A	1834.7	09/24/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77	—	—	—	UNITLESS	—	—	9892R	GW19-01-0042	GEO
R-19	502	MP7A	1834.7	07/17/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81	—	—	—	UNITLESS	—	—	9354R	GW19-01-0027	GEO
R-19	502	MP7A	1834.7	03/29/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77	—	—	—	UNITLESS	—	—	8550R	GW19-01-0013	GEO
R-19	502	MP7A	1834.7	10/03/00	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78	—	—	—	UNITLESS	—	—	7794R	CATH-00-0046	GELC
R-19	502	MP7A	1834.7	09/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	—	—	—	permil	—	—	09-3296	CAPA-09-12466	EES6
R-19	502	MP7A	1834.7	09/18/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	—	—	—	permil	—	—	09-3296	CAPA-09-12466	EES6
R-19	502	MP7A	1834.7	08/18/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.76	1.30E-01	—	—	permil	—	—	13105	EU06080G19R701	EES6
R-19	502	MP7A	1834.7	08/26/02	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	—	—	—	UNITLESS	—	—	1176S	GW19-02-47884	GEO
R-19	502	MP7A	1834.7	09/24/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	UNITLESS	—	—	9892R	GW19-01-0042	GEO
R-19	502	MP7A	1834.7	07/17/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	—	—	—	UNITLESS	—	—	9354R	GW19-01-0027	GEO
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.5017768	—	—	—	permil	—	—	11-228	CAPA-10-27373	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.42	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.83	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	03/13/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.17510408	—	—	—	permil	—	—	10-2455	CAPA-10-12817	EES6
R-20	8441	P1A	904.6	03/13/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.84044714	—	—	—	permil	—	—	10-2455	CAPA-10-12817	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.04	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.21	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	09/02/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.71	—	—	—	permil	—	—	09-3121	CAPA-09-12263	EES6
R-20	8441	P1A	904.6	09/02/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.88	—	—	—	permil	—	—	09-3121	CAPA-09-12263	EES6
R-20	8441	P1A	904.6	06/02/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.43	—	—	2.00E-04	permil	—	—	09-2150	CAPA-09-9410	EES6
R-20	8441	P1A	904.6	06/02/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.77	—	—	2.00E-04	permil	—	—	09-2150	CAPA-09-9410	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.31	—	—	—	permil	—	—	09-1175	CAPA-09-4370	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.56	—	—	—	permil	—	—	09-1175	CAPA-09-4370	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.43	—	—	—	permil	—	—	09-1161	CAPA-09-4597	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.01	—	—	—	permil	—	—	09-1161	CAPA-09-4597	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.94	—	—	—	permil	—	—	09-1158	CAPA-09-4601	EES6
R-20	8441	P1A	904.6	09/18/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.78	—	—	—	permil	—	—	08-1990	CAPA-08-15063	EES6
R-20	8441	P1A	904.6	09/18/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.86	—	—	—	permil	—	—	08-1990	CAPA-08-15063	EES6
R-20	8441	P1A	904.6	06/21/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.55	3.80E-01	—	—	permil	—	—	08-1419	CAPA-08-13207	EES6
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.743589241	—	—	—	permil	—	—	11-228	CAPA-10-27374	EES6
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.88	—	—	—	permil	—	—	10-3426	CAPA-10-17604	EES6
R-20	8441	P1A	904.6	03/13/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.05	—	—	—	permil	—	—	10-2455	CAPA-10-12816	EES6
R-20	8441	P1A	904.6	03/13/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.17	—	—	—	permil	—	—	10-2455	CAPA-10-12816	EES6
R-20	8441	P1A	904.6	12/01/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.73	—	—	—	permil	—	—	10-748	CAPA-10-6375	EES6
R-20	8441	P1A	904.6	12/01/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.01	—	—	—	permil	—	—	10-748	CAPA-10-6375	EES6
R-20	8441	P1A	904.6	09/02/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.54	—	—	—	permil	—	—	09-3121	CAPA-09-12261	EES6
R-20	8441	P1A	904.6	06/02/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	5.5	—	—	5.00E-05	permil	U	—	09-2150	CAPA-09-9409	EES6
R-20	8441	P1A	904.6	03/10/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.63	—	—	—	permil	—	—	09-1175	CAPA-09-4371	EES6
R-20	8441	P1A	904.6	03/10/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.29	—	—	—	permil	—	—	09-1161	CAPA-09-4599	EES6
R-20	8441	P1A	904.6	03/10/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.98	—	—	—	permil	—	—	09-1161	CAPA-09-4599	EES6
R-20	8441	P1A	904.6	06/21/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.56	2.70E-01	—	—	permil	—	—	08-1419	CAPA-08-13206	EES6
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25927109	—	—	—	permil	—	—	11-228	CAPA-10-27373	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.11	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	03/13/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.31	—	—	—	permil	—	—	10-2455	CAPA-10-12817	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.38	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	09/02/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.22	—	—	—	permil	—	—	09-3121	CAPA-09-12263	EES6
R-20	8441	P1A	904.6	09/02/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.24	—	—	—	permil	—	—	09-3121	CAPA-09-12263	EES6
R-20	8441	P1A	904.6	06/02/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11.48	—	—	1.00E-03	permil	U	—	09-2150	CAPA-09-9410	EES6
R-20	8441	P1A	904.6	06/02/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	2.14E-02	permil	—	—	09-2150	CAPA-09-9410	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.22	—	—	—	permil	—	—	09-1175	CAPA-09-4370	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.27	—	—	—	permil	—	—	09-1175	CAPA-09-4370	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	P1A	904.6	03/10/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.31	—	—	—	permil	—	—	09-1161	CAPA-09-4597	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.29	—	—	—	permil	—	—	09-1161	CAPA-09-4597	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.28	—	—	—	permil	—	—	09-1158	CAPA-09-4601	EES6
R-20	8441	P1A	904.6	03/10/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.29	—	—	—	permil	—	—	09-1158	CAPA-09-4601	EES6
R-20	8441	P1A	904.6	09/18/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	permil	—	—	08-1990	CAPA-08-15063	EES6
R-20	8441	P1A	904.6	09/18/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	—	permil	—	—	08-1990	CAPA-08-15063	EES6
R-20	8441	P1A	904.6	06/21/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.06	1.40E-01	—	—	permil	—	—	08-1419	CAPA-08-13207	EES6
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.10738	5.43E-01	1.66E+00	—	pCi/L	U	UJ	11-1276	CAPA-11-3007	ARSL
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.34106	5.11E-01	1.53E+00	—	pCi/L	U	U	11-304	CAPA-10-27373	ARSL
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.47895	6.71E-01	2.20E+00	—	pCi/L	U	U	10-3986	CAPA-10-24105	ARSL
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.92597	4.47E-01	1.53E+00	—	pCi/L	U	U	10-3425	CAPA-10-17601	ARSL
R-20	8441	P1A	904.6	03/13/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.28737	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-12817	UMTL
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.54	—	—	—	permil	—	—	11-124	CAPA-10-27377	EES6
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.14527128	—	—	—	permil	—	—	10-3289	CAPA-10-17607	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.79303652	—	—	—	permil	—	—	10-2109	CAPA-10-12823	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.92862904	—	—	—	permil	—	—	10-2109	CAPA-10-12823	EES6
R-20	8451	P2A	1147.1	09/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.11	—	—	—	permil	—	—	09-3146	CAPA-09-12265	EES6
R-20	8451	P2A	1147.1	05/29/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.16	—	—	—	permil	—	—	09-2095	CAPA-09-9414	EES6
R-20	8451	P2A	1147.1	05/29/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.52	—	—	—	permil	—	—	09-2095	CAPA-09-9414	EES6
R-20	8451	P2A	1147.1	03/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.52	—	—	—	permil	—	—	09-1146	CAPA-09-4372	EES6
R-20	8451	P2A	1147.1	03/09/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.86	—	—	—	permil	—	—	09-1146	CAPA-09-4372	EES6
R-20	8451	P2A	1147.1	09/18/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.84	—	—	—	permil	—	—	08-1990	CAPA-08-15065	EES6
R-20	8451	P2A	1147.1	09/18/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.73	—	—	—	permil	—	—	08-1990	CAPA-08-15065	EES6
R-20	8451	P2A	1147.1	06/23/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.95	3.40E-01	—	—	permil	—	—	08-1422	CAPA-08-13210	EES6
R-20	8451	P2A	1147.1	06/23/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.95	—	—	—	permil	—	—	08-1422	CAPA-08-13210	EES6
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.66	—	—	—	permil	—	—	11-124	CAPA-10-27375	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	16.31	—	—	—	permil	—	—	10-2109	CAPA-10-12820	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	14.96	—	—	—	permil	—	—	10-2109	CAPA-10-12820	EES6
R-20	8451	P2A	1147.1	05/29/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	6.6	—	—	5.00E-05	permil	U	—	09-2095	CAPA-09-9412	EES6
R-20	8451	P2A	1147.1	03/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.47	—	—	—	permil	—	—	09-1146	CAPA-09-4374	EES6
R-20	8451	P2A	1147.1	09/18/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.26	—	—	—	permil	—	—	08-1990	CAPA-08-15066	EES6
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	permil	—	—	11-124	CAPA-10-27377	EES6
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.29	—	—	—	permil	—	—	10-3289	CAPA-10-17607	EES6
R-20	8451	P2A	1147.1	06/01/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	10-3289	CAPA-10-17607	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	10-2109	CAPA-10-12823	EES6
R-20	8451	P2A	1147.1	09/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.15	—	—	—	permil	—	—	09-3146	CAPA-09-12265	EES6
R-20	8451	P2A	1147.1	09/03/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.15	—	—	—	permil	—	—	09-3146	CAPA-09-12265	EES6
R-20	8451	P2A	1147.1	05/29/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11.21	—	—	1.00E-03	permil	U	—	09-2095	CAPA-09-9414	EES6
R-20	8451	P2A	1147.1	03/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.12	—	—	—	permil	—	—	09-1146	CAPA-09-4372	EES6
R-20	8451	P2A	1147.1	03/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	—	—	—	permil	—	—	09-1146	CAPA-09-4372	EES6
R-20	8451	P2A	1147.1	09/18/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.27	—	—	—	permil	—	—	08-1990	CAPA-08-15065	EES6
R-20	8451	P2A	1147.1	09/18/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.09	—	—	—	permil	—	—	08-1990	CAPA-08-15065	EES6
R-20	8451	P2A	1147.1	06/23/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	1.40E-01	—	—	permil	—	—	08-1422	CAPA-08-13210	EES6
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.75615	6.39E-01	1.82E+00	—	pCi/L	U	U	11-1211	CAPA-11-3010	ARSL
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.48037	8.94E-01	2.36E+00	—	pCi/L	—	U	11-195	CAPA-10-27377	ARSL
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.44702	6.39E-01	2.14E+00	—	pCi/L	U	U	10-3986	CAPA-10-24112	ARSL
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	5.43E-01	1.82E+00	—	pCi/L	U	U	10-3986	CAPA-10-24110	ARSL
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-1.05369	5.43E-01	1.82E+00	—	pCi/L	U	U	10-3290	CAPA-10-17609	ARSL
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	5.11E-01	1.76E+00	—	pCi/L	U	U	10-3290	CAPA-10-17607	ARSL
R-20	8451	P2A	1147.1	02/24/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12825	UMTL
R-20	8451	P2A	1147.1	02/24/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12823	UMTL
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.98	—	—	—	permil	—	—	11-109	CAPA-10-27382	EES6
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.55531668	—	—	—	permil	—	—	10-3396	CAPA-10-17672	EES6
R-21	1761	Single	888.8	03/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.84272503	—	—	—	permil	—	—	10-2442	CAPA-10-12829	EES6
R-21	1761	Single	888.8	12/04/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.62	—	—	—	permil	—	—	10-827	CAPA-10-6381	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	Single	888.8	08/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-80.42	—	—	1.00E-03	permil	U	—	09-2926	CAMO-09-9908	EES6
R-21	1761	Single	888.8	08/14/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81	4.10E-01	—	—	permil	—	—	08-1689	CAMO-08-14524	SILENS
R-21	1761	Single	888.8	07/07/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.41	3.00E-01	—	—	permil	—	—	12594	EU060500G21R01	EES6
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.37	—	—	—	permil	—	—	11-109	CAPA-10-27381	EES6
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.480929392	—	—	—	permil	—	—	10-3396	CAPA-10-17673	EES6
R-21	1761	Single	888.8	03/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.54	—	—	—	permil	—	—	10-2442	CAPA-10-12826	EES6
R-21	1761	Single	888.8	12/04/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.58	—	—	—	permil	—	—	10-827	CAPA-10-6380	EES6
R-21	1761	Single	888.8	12/04/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.9	—	—	—	permil	—	—	10-827	CAPA-10-6380	EES6
R-21	1761	Single	888.8	08/18/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.48	—	—	1.00E-02	permil	—	—	09-2926	CAMO-09-9906	EES6
R-21	1761	Single	888.8	08/14/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.66	2.40E-01	—	—	permil	—	—	08-1689	CAMO-08-14525	SILENS
R-21	1761	Single	888.8	08/20/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.48	1.90E-01	—	—	permil	—	—	19340	EF070800G21R01	EES6
R-21	1761	Single	888.8	07/07/06	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.19	9.00E-02	—	—	permil	—	—	12637	EF060500G21R01	EES6
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.16	—	—	—	permil	—	—	11-109	CAPA-10-27382	EES6
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.01	—	—	—	permil	—	—	10-3396	CAPA-10-17672	EES6
R-21	1761	Single	888.8	06/11/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.13	—	—	—	permil	—	—	10-3396	CAPA-10-17672	EES6
R-21	1761	Single	888.8	03/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.24	—	—	—	permil	—	—	10-2442	CAPA-10-12829	EES6
R-21	1761	Single	888.8	12/04/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.73	—	—	—	permil	—	—	10-827	CAPA-10-6381	EES6
R-21	1761	Single	888.8	12/04/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.81	—	—	—	permil	—	—	10-827	CAPA-10-6381	EES6
R-21	1761	Single	888.8	08/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.09	—	—	1.00E-02	permil	—	—	09-2926	CAMO-09-9908	EES6
R-21	1761	Single	888.8	08/18/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.19	—	—	1.00E-02	permil	—	—	09-2926	CAMO-09-9908	EES6
R-21	1761	Single	888.8	08/14/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.05	1.40E-01	—	—	permil	—	—	08-1689	CAMO-08-14524	SILENS
R-21	1761	Single	888.8	08/20/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.36	1.40E-01	—	—	permil	—	—	19409	EU070800G21R01	EES6
R-21	1761	Single	888.8	07/07/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.13	8.00E-02	—	—	permil	—	—	12669	EU060500G21R01	EES6
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.04352	5.43E-01	1.63E+00	—	pCi/L	U	UJ	11-1276	CAPA-11-3013	ARSL
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	4.56599	9.26E-01	1.85E+00	—	pCi/L	—	—	11-112	CAPA-10-27382	ARSL
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.47895	5.75E-01	1.92E+00	—	pCi/L	U	U	10-4110	CAPA-10-24115	ARSL
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.53264	6.71E-01	2.27E+00	—	pCi/L	U	U	10-3425	CAPA-10-17672	ARSL
R-21	1761	Single	888.8	03/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-12829	UMTL
R-22	722	MP2A	962.8	02/26/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.58	—	—	—	permil	—	—	09-1043	CAPA-09-4377	EES6
R-22	722	MP2A	962.8	02/26/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.53	—	—	—	permil	—	—	09-1043	CAPA-09-4377	EES6
R-22	722	MP2A	962.8	09/16/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.03	—	—	—	permil	—	—	08-1954	CAPA-08-15072	EES6
R-22	722	MP2A	962.8	09/16/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.47	—	—	—	permil	—	—	08-1954	CAPA-08-15072	EES6
R-22	722	MP2A	962.8	08/28/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.46	6.80E-01	—	—	permil	—	—	17741	EU06080G22R201	EES6
R-22	722	MP2A	962.8	02/28/02	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77	—	—	—	UNITLESS	—	—	624S	GW22-02-44963	GEO
R-22	722	MP2A	962.8	12/03/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77	—	—	—	UNITLESS	—	—	319S	GW22-01-0029	GEO
R-22	722	MP2A	962.8	06/20/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75	—	—	—	UNITLESS	—	—	9082R	GW22-01-0014	GEO
R-22	722	MP2A	962.8	03/12/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78	—	—	—	UNITLESS	—	—	8456R	GW22-01-0003	GEO
R-22	722	MP2A	962.8	02/26/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.91	—	—	—	permil	—	—	09-1043	CAPA-09-4376	EES6
R-22	722	MP2A	962.8	09/16/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.59	—	—	—	permil	—	—	08-1954	CAPA-08-15070	EES6
R-22	722	MP2A	962.8	02/26/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.98	—	—	—	permil	—	—	09-1043	CAPA-09-4377	EES6
R-22	722	MP2A	962.8	02/26/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11	—	—	—	permil	—	—	09-1043	CAPA-09-4377	EES6
R-22	722	MP2A	962.8	09/16/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.17	—	—	—	permil	—	—	08-1954	CAPA-08-15072	EES6
R-22	722	MP2A	962.8	09/16/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.83	—	—	—	permil	—	—	08-1954	CAPA-08-15072	EES6
R-22	722	MP2A	962.8	09/18/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	1.20E-01	—	—	permil	—	—	19491	EU07090G22R201	EES6
R-22	722	MP2A	962.8	08/28/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	1.00E-01	—	—	permil	—	—	17821	EU06080G22R201	EES6
R-22	722	MP2A	962.8	02/28/02	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11	—	—	—	UNITLESS	—	—	624S	GW22-02-44963	GEO
R-22	722	MP2A	962.8	12/03/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	—	—	—	UNITLESS	—	—	319S	GW22-01-0029	GEO
R-22	772	MP3A	1273.5	02/27/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.12	—	—	—	permil	—	—	09-1061	CAPA-09-4380	EES6
R-22	772	MP3A	1273.5	09/17/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.32	—	—	—	permil	—	—	08-1973	CAPA-08-15073	EES6
R-22	772	MP3A	1273.5	09/17/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.97	—	—	—	permil	—	—	08-1973	CAPA-08-15073	EES6
R-22	772	MP3A	1273.5	08/23/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.42	2.10E-01	—	—	permil	—	—	17742	EU06080G22R301	EES6
R-22	772	MP3A	1273.5	03/04/02	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78	—	—	—	UNITLESS	—	—	627S	GW22-02-44965	GEO
R-22	772	MP3A	1273.5	12/04/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73	—	—	—	UNITLESS	—	—	361S	GW22-01-0031	GEO
R-22	772	MP3A	1273.5	06/21/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73	—	—	—	UNITLESS	—	—	9115R	GW22-01-0016	GEO
R-22	772	MP3A	1273.5	03/08/01	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76	—	—	—	UNITLESS	—	—	8430R	GW22-01-0005	GEO

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-22	772	MP3A	1273.5	02/27/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.47	—	—	—	permil	—	—	09-1061	CAPA-09-4378	EES6
R-22	772	MP3A	1273.5	09/17/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.36	—	—	—	permil	—	—	08-1981	CAPA-08-15074	EES6
R-22	772	MP3A	1273.5	02/27/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.82	—	—	—	permil	—	—	09-1061	CAPA-09-4380	EES6
R-22	772	MP3A	1273.5	02/27/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.78	—	—	—	permil	—	—	09-1061	CAPA-09-4380	EES6
R-22	772	MP3A	1273.5	09/17/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	—	—	—	permil	—	—	08-1973	CAPA-08-15073	EES6
R-22	772	MP3A	1273.5	09/17/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.53	—	—	—	permil	—	—	08-1973	CAPA-08-15073	EES6
R-22	772	MP3A	1273.5	08/23/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.92	1.00E-01	—	—	permil	—	—	17822	EU06080G22R301	EES6
R-22	772	MP3A	1273.5	03/04/02	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.7	—	—	—	UNITLESS	—	—	627S	GW22-02-44965	GEO
R-22	772	MP3A	1273.5	12/04/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.9	—	—	—	UNITLESS	—	—	361S	GW22-01-0031	GEO
R-22	772	MP3A	1273.5	06/21/01	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11	—	—	—	UNITLESS	—	—	9115R	GW22-01-0016	GEO
R-23	1771	Single	816	08/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.45586171	—	—	—	permil	—	—	10-4142	CAPA-10-24119	EES6
R-23	1771	Single	816	06/09/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.20315382	—	—	—	permil	—	—	10-3376	CAPA-10-17737	EES6
R-23	1771	Single	816	06/09/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.97744829	—	—	—	permil	—	—	10-3376	CAPA-10-17737	EES6
R-23	1771	Single	816	03/05/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.14791246	—	—	—	permil	—	—	10-2332	CAPA-10-12833	EES6
R-23	1771	Single	816	12/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.44	—	—	—	permil	—	—	10-877	CAPA-10-6347	EES6
R-23	1771	Single	816	12/09/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.08	—	—	—	permil	—	—	10-877	CAPA-10-6347	EES6
R-23	1771	Single	816	09/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.55	—	—	—	permil	—	—	09-3146	CAPA-09-12270	EES6
R-23	1771	Single	816	09/03/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.79	—	—	—	permil	—	—	09-3146	CAPA-09-12270	EES6
R-23	1771	Single	816	06/04/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.51	—	—	2.00E-04	permil	—	—	09-2199	CAPA-09-9417	EES6
R-23	1771	Single	816	02/25/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.26	—	—	—	permil	—	—	09-1018	CAPA-09-4365	EES6
R-23	1771	Single	816	09/08/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.1	5.00E-02	—	—	permil	—	—	08-1866	CAPA-08-15077	EES6
R-23	1771	Single	816	09/08/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.6	—	—	—	permil	—	—	08-1866	CAPA-08-15077	EES6
R-23	1771	Single	816	08/15/06	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.92	8.50E-01	—	—	permil	—	—	17718	EU060800GR2390	EES6
R-23	1771	Single	816	08/15/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.14	5.10E-01	—	—	permil	—	—	17717	EU060800GR2301	EES6
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.106252135	—	—	—	permil	—	—	10-4142	CAPA-10-24117	EES6
R-23	1771	Single	816	06/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.794663372	—	—	—	permil	—	—	10-3376	CAPA-10-17738	EES6
R-23	1771	Single	816	03/05/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.87	—	—	—	permil	—	—	10-2332	CAPA-10-12831	EES6
R-23	1771	Single	816	03/05/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.1	—	—	—	permil	—	—	10-2332	CAPA-10-12831	EES6
R-23	1771	Single	816	12/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.22	—	—	—	permil	—	—	10-877	CAPA-10-6349	EES6
R-23	1771	Single	816	09/03/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.51	—	—	—	permil	—	—	09-3146	CAPA-09-12271	EES6
R-23	1771	Single	816	06/04/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	6.59	—	—	5.00E-05	permil	U	—	09-2199	CAPA-09-9416	EES6
R-23	1771	Single	816	09/08/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.18	2.10E-01	—	—	permil	—	—	08-1866	CAPA-08-15076	EES6
R-23	1771	Single	816	09/08/08	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.56	—	—	—	permil	—	—	08-1866	CAPA-08-15076	EES6
R-23	1771	Single	816	09/06/07	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.67	8.00E-02	—	—	permil	—	—	19380	EF070900GR2320	EES6
R-23	1771	Single	816	09/06/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.83	8.00E-02	—	—	permil	—	—	19379	EF070900GR2301	EES6
R-23	1771	Single	816	08/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.89913447	—	—	—	permil	—	—	10-4142	CAPA-10-24119	EES6
R-23	1771	Single	816	06/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.12	—	—	—	permil	—	—	10-3376	CAPA-10-17737	EES6
R-23	1771	Single	816	06/09/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.97	—	—	—	permil	—	—	10-3376	CAPA-10-17737	EES6
R-23	1771	Single	816	03/05/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.76	—	—	—	permil	—	—	10-2332	CAPA-10-12833	EES6
R-23	1771	Single	816	03/05/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.96	—	—	—	permil	—	—	10-2332	CAPA-10-12833	EES6
R-23	1771	Single	816	12/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.48	—	—	—	permil	—	—	10-877	CAPA-10-6347	EES6
R-23	1771	Single	816	12/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.46	—	—	—	permil	—	—	10-877	CAPA-10-6347	EES6
R-23	1771	Single	816	09/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.53	—	—	—	permil	—	—	09-3146	CAPA-09-12270	EES6
R-23	1771	Single	816	09/03/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	09-3146	CAPA-09-12270	EES6
R-23	1771	Single	816	06/04/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.68	—	—	2.14E-02	permil	—	—	09-2199	CAPA-09-9417	EES6
R-23	1771	Single	816	06/04/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11	—	—	—	permil	—	—	09-2199	CAPA-09-9417	EES6
R-23	1771	Single	816	02/25/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.62	—	—	—	permil	—	—	09-1018	CAPA-09-4365	EES6
R-23	1771	Single	816	02/25/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.75	—	—	—	permil	—	—	09-1018	CAPA-09-4365	EES6
R-23	1771	Single	816	09/08/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.52	9.00E-02	—	—	permil	—	—	08-1866	CAPA-08-15077	EES6
R-23	1771	Single	816	09/08/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.74	—	—	—	permil	—	—	08-1866	CAPA-08-15077	EES6
R-23	1771	Single	816	09/06/07	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	8.00E-02	—	—	permil	—	—	19449	EU070900GR2320	EES6
R-23	1771	Single	816	09/06/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.84	8.00E-02	—	—	permil	—	—	19448	EU070900GR2301	EES6
R-23	1771	Single	816	08/15/06	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.91	1.30E-01	—	—	permil	—	—	13091	EU060800GR2390	EES6
R-23	1771	Single	816	08/15/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.74	1.30E-01	—	—	permil	—	—	13090	EU060800GR2301	EES6
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.69229	8.30E-01	2.65E+00	—	pCi/L	U	U	11-1211	CAPA-11-2976	ARSL

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	Single	816	10/22/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	1.62843	7.34E-01	2.27E+00	—	pCi/L	U	U	11-304	CAPA-10-27388	ARSL
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	3.19E-01	1.09E+00	—	pCi/L	U	U	11-304	CAPA-10-27384	ARSL
R-23	1771	Single	816	08/12/10	WG	UF	CS	FD	Rad	LLEE	Tritium	—	3.60809	8.30E-01	1.98E+00	—	pCi/L	—	—	10-4210	CAPA-10-24120	ARSL
R-23	1771	Single	816	08/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	3.67195	8.62E-01	2.01E+00	—	pCi/L	—	—	10-4210	CAPA-10-24119	ARSL
R-23	1771	Single	816	06/09/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-1.30913	6.71E-01	2.27E+00	—	pCi/L	U	U	10-3425	CAPA-10-17734	ARSL
R-23	1771	Single	816	06/09/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.60667	6.71E-01	2.20E+00	—	pCi/L	U	U	10-3425	CAPA-10-17737	ARSL
R-23	1771	Single	816	03/05/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12834	UMTL
R-23	1771	Single	816	03/05/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12833	UMTL
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.55877514	—	—	—	permil	—	—	10-4080	CAPA-10-24089	EES6
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.58190186	—	—	—	permil	—	—	10-3421	CAPA-10-17584	EES6
R-23i	7001	P1A	400.3	06/15/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.12055409	—	—	—	permil	—	—	10-3421	CAPA-10-17584	EES6
R-23i	7001	P1A	400.3	03/10/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.77625403	—	—	—	permil	—	—	10-2426	CAPA-10-12894	EES6
R-23i	7001	P1A	400.3	09/10/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.14	—	—	—	permil	—	—	09-3211	CAPA-09-12239	EES6
R-23i	7001	P1A	400.3	06/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.51	—	—	2.00E-03	permil	—	—	09-2261	CAPA-09-9457	EES6
R-23i	7001	P1A	400.3	03/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.27	—	—	—	permil	—	—	09-1074	CAPA-09-4355	EES6
R-23i	7001	P1A	400.3	09/16/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.72	—	—	—	permil	—	—	08-1958	CAPA-08-15030	EES6
R-23i	7001	P1A	400.3	09/16/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.52	—	—	—	permil	—	—	08-1958	CAPA-08-15030	EES6
R-23i	7001	P1A	400.3	06/16/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.15	5.20E-01	—	—	permil	—	—	08-1438	CAPA-08-13396	EES6
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.398678096	—	—	—	permil	—	—	10-4080	CAPA-10-24088	EES6
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.012255147	—	—	—	permil	—	—	10-3421	CAPA-10-17582	EES6
R-23i	7001	P1A	400.3	03/10/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.5	—	—	—	permil	—	—	10-2426	CAPA-10-12895	EES6
R-23i	7001	P1A	400.3	03/10/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.32	—	—	—	permil	—	—	10-2426	CAPA-10-12895	EES6
R-23i	7001	P1A	400.3	09/10/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.03	—	—	—	permil	—	—	09-3211	CAPA-09-12237	EES6
R-23i	7001	P1A	400.3	06/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	5.78	—	—	1.00E-02	permil	U	—	09-2261	CAPA-09-9456	EES6
R-23i	7001	P1A	400.3	03/03/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.28	—	—	—	permil	—	—	09-1074	CAPA-09-4353	EES6
R-23i	7001	P1A	400.3	09/16/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.11	—	—	—	permil	—	—	08-1958	CAPA-08-15031	EES6
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.92038959	—	—	—	permil	—	—	10-4080	CAPA-10-24089	EES6
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.73	—	—	—	permil	—	—	10-3421	CAPA-10-17584	EES6
R-23i	7001	P1A	400.3	06/15/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.79	—	—	—	permil	—	—	10-3421	CAPA-10-17584	EES6
R-23i	7001	P1A	400.3	03/10/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.76	—	—	—	permil	—	—	10-2426	CAPA-10-12894	EES6
R-23i	7001	P1A	400.3	09/10/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.58	—	—	—	permil	—	—	09-3211	CAPA-09-12239	EES6
R-23i	7001	P1A	400.3	09/10/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.81	—	—	—	permil	—	—	09-3211	CAPA-09-12239	EES6
R-23i	7001	P1A	400.3	06/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-10.88	—	—	1.00E-03	permil	U	—	09-2261	CAPA-09-9457	EES6
R-23i	7001	P1A	400.3	06/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.89	—	—	—	permil	—	—	09-2261	CAPA-09-9457	EES6
R-23i	7001	P1A	400.3	03/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.83	—	—	—	permil	—	—	09-1074	CAPA-09-4355	EES6
R-23i	7001	P1A	400.3	03/03/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.81	—	—	—	permil	—	—	09-1074	CAPA-09-4355	EES6
R-23i	7001	P1A	400.3	09/16/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	—	—	—	permil	—	—	08-1958	CAPA-08-15030	EES6
R-23i	7001	P1A	400.3	09/16/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.92	—	—	—	permil	—	—	08-1958	CAPA-08-15030	EES6
R-23i	7001	P1A	400.3	06/16/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.64	1.40E-01	—	—	permil	—	—	08-1438	CAPA-08-13396	EES6
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.09595516	—	—	—	permil	—	—	10-3997	CAPA-10-24083	EES6
R-23i	7011	P2A	470.2	06/17/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.71877196	—	—	—	permil	—	—	10-3450	CAPA-10-17577	EES6
R-23i	7011	P2A	470.2	03/09/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.71189661	—	—	—	permil	—	—	10-2426	CAPA-10-12899	EES6
R-23i	7011	P2A	470.2	12/02/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.65	—	—	—	permil	—	—	10-769	CAPA-10-6151	EES6
R-23i	7011	P2A	470.2	12/02/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.84	—	—	—	permil	—	—	10-769	CAPA-10-6151	EES6
R-23i	7011	P2A	470.2	09/08/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.85	—	—	—	permil	—	—	09-3168	CAPA-09-12244	EES6
R-23i	7011	P2A	470.2	09/16/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.29	—	—	—	permil	—	—	08-1958	CAPA-08-15011	EES6
R-23i	7011	P2A	470.2	09/16/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.94	—	—	—	permil	—	—	08-1958	CAPA-08-15011	EES6
R-23i	7011	P2A	470.2	12/19/07	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.81	3.60E-01	—	—	UNITLESS	—	—	08-434	CAPA-08-9378	EES6
R-23i	7011	P2A	470.2	12/19/07	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.64	—	—	—	permil	—	—	08-434	CAPA-08-9378	EES6
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.336630877	—	—	—	permil	—	—	10-3997	CAPA-10-24084	EES6
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.140920729	—	—	—	permil	—	—	10-3450	CAPA-10-17576	EES6
R-23i	7011	P2A	470.2	03/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.5	—	—	—	permil	—	—	10-2426	CAPA-10-12900	EES6
R-23i	7011	P2A	470.2	12/02/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.47	—	—	—	permil	—	—	10-769	CAPA-10-6152	EES6
R-23i	7011	P2A	470.2	12/02/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.69	—	—	—	permil	—	—	10-769	CAPA-10-6152	EES6
R-23i	7011	P2A	470.2	09/08/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.77	—	—	—	permil	—	—	09-3168	CAPA-09-12243	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	P2A	470.2	09/08/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.63	—	—	—	permil	—	—	09-3168	CAPA-09-12243	EES6
R-23i	7011	P2A	470.2	09/16/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.44	—	—	—	permil	—	—	08-1958	CAPA-08-15012	EES6
R-23i	7011	P2A	470.2	12/19/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.51	2.60E-01	—	—	UNITLESS	—	—	08-434	CAPA-08-9374	EES6
R-23i	7011	P2A	470.2	12/19/07	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.74	—	—	—	permil	—	—	08-434	CAPA-08-9374	EES6
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.73214454	—	—	—	permil	—	—	10-3997	CAPA-10-24083	EES6
R-23i	7011	P2A	470.2	08/04/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.68548333	—	—	—	permil	—	—	10-3997	CAPA-10-24083	EES6
R-23i	7011	P2A	470.2	06/17/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.39	—	—	—	permil	—	—	10-3450	CAPA-10-17577	EES6
R-23i	7011	P2A	470.2	03/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.79	—	—	—	permil	—	—	10-2426	CAPA-10-12899	EES6
R-23i	7011	P2A	470.2	12/02/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	10-769	CAPA-10-6151	EES6
R-23i	7011	P2A	470.2	12/02/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.06	—	—	—	permil	—	—	10-769	CAPA-10-6151	EES6
R-23i	7011	P2A	470.2	09/08/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.79	—	—	—	permil	—	—	09-3168	CAPA-09-12244	EES6
R-23i	7011	P2A	470.2	09/08/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.75	—	—	—	permil	—	—	09-3168	CAPA-09-12244	EES6
R-23i	7011	P2A	470.2	09/16/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.57	—	—	—	permil	—	—	08-1958	CAPA-08-15011	EES6
R-23i	7011	P2A	470.2	09/16/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.65	—	—	—	permil	—	—	08-1958	CAPA-08-15011	EES6
R-23i	7011	P2A	470.2	12/19/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.64	1.00E-01	—	—	UNITLESS	—	—	08-434	CAPA-08-9378	EES6
R-23i	7011	P2A	470.2	12/19/07	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.58	—	—	—	permil	—	—	08-434	CAPA-08-9378	EES6
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.22770165	—	—	—	permil	—	—	10-3997	CAPA-10-24086	EES6
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.37344964	—	—	—	permil	—	—	10-3433	CAPA-10-17580	EES6
R-23i	7021	P3A	524	06/16/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.13978008	—	—	—	permil	—	—	10-3433	CAPA-10-17580	EES6
R-23i	7021	P3A	524	03/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.68409465	—	—	—	permil	—	—	10-2376	CAPA-10-12853	EES6
R-23i	7021	P3A	524	12/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.34	—	—	—	permil	—	—	10-736	CAPA-10-6863	EES6
R-23i	7021	P3A	524	12/01/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.61	—	—	—	permil	—	—	10-736	CAPA-10-6863	EES6
R-23i	7021	P3A	524	09/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.82	—	—	—	permil	—	—	09-3177	CAPA-09-12246	EES6
R-23i	7021	P3A	524	09/09/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.34	—	—	—	permil	—	—	09-3177	CAPA-09-12246	EES6
R-23i	7021	P3A	524	09/15/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.37	—	—	—	permil	—	—	08-1947	CAPA-08-15018	EES6
R-23i	7021	P3A	524	09/15/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.34	—	—	—	permil	—	—	08-1947	CAPA-08-15018	EES6
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.925231791	—	—	—	permil	—	—	10-3997	CAPA-10-24087	EES6
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.972028097	—	—	—	permil	—	—	10-3433	CAPA-10-17579	EES6
R-23i	7021	P3A	524	03/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.22	—	—	—	permil	—	—	10-2376	CAPA-10-12852	EES6
R-23i	7021	P3A	524	12/01/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.66	—	—	—	permil	—	—	10-736	CAPA-10-6862	EES6
R-23i	7021	P3A	524	09/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.22	—	—	—	permil	—	—	09-3177	CAPA-09-12249	EES6
R-23i	7021	P3A	524	09/15/08	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.23	—	—	—	permil	—	—	08-1947	CAPA-08-15016	EES6
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.54752195	—	—	—	permil	—	—	10-3997	CAPA-10-24086	EES6
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.49	—	—	—	permil	—	—	10-3433	CAPA-10-17580	EES6
R-23i	7021	P3A	524	06/16/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.41	—	—	—	permil	—	—	10-3433	CAPA-10-17580	EES6
R-23i	7021	P3A	524	03/08/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.97	—	—	—	permil	—	—	10-2376	CAPA-10-12853	EES6
R-23i	7021	P3A	524	12/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.88	—	—	—	permil	—	—	10-736	CAPA-10-6863	EES6
R-23i	7021	P3A	524	12/01/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.88	—	—	—	permil	—	—	10-736	CAPA-10-6863	EES6
R-23i	7021	P3A	524	09/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.66	—	—	—	permil	—	—	09-3177	CAPA-09-12246	EES6
R-23i	7021	P3A	524	09/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.61	—	—	—	permil	—	—	09-3177	CAPA-09-12246	EES6
R-23i	7021	P3A	524	09/15/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	—	—	—	permil	—	—	08-1947	CAPA-08-15018	EES6
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	5.00E-02	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	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
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	5.00E-02	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	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	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Magnesium	—	4.99	—	—	1.10E-01	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.73	—	—	8.50E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.88	—	—	8.50E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	8.50E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	Single	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	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Magnesium	—	4.79	—	—	1.10E-01	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	8.50E-02	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.04	—	—	8.50E-02	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	8.50E-02	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	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	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	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	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	5.00E-02	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	5.00E-02	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	5.00E-02	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	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	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	1.00E-01	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	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	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	1.00E-01	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	1.00E-01	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	1.00E-01	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	1.00E-01	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	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	Single	867.5	12/07/09	WG	F	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.26	—	—	—	permil	—	—	10-843	CAPA-10-6376	EES6
R-32	8421	Single	867.5	12/07/09	WG	F	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.97	—	—	—	permil	—	—	10-843	CAPA-10-6376	EES6
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.02	—	—	—	permil	—	—	11-158	CAPA-10-27391	EES6
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.2893534	—	—	—	permil	—	—	10-3345	CAPA-10-17740	EES6
R-32	8421	Single	867.5	06/07/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.4426531	—	—	—	permil	—	—	10-3345	CAPA-10-17740	EES6
R-32	8421	Single	867.5	08/31/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-78.64	—	—	1.00E-03	permil	U	—	09-3047	CAPA-09-12277	EES6
R-32	8421	Single	867.5	06/08/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.84	—	—	2.00E-03	permil	—	—	09-2237	CAPA-09-9418	EES6
R-32	8421	Single	867.5	06/08/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.79	—	—	—	permil	—	—	09-2237	CAPA-09-9418	EES6
R-32	8421	Single	867.5	02/26/09	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.45	—	—	—	permil	—	—	09-1034	CAPA-09-4360	EES6
R-32	8421	Single	867.5	02/26/09	WG	UF	DUP	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.63	—	—	—	permil	—	—	09-1034	CAPA-09-4360	EES6
R-32	8421	Single	867.5	02/26/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.06	—	—	—	permil	—	—	09-1034	CAPA-09-4358	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.62	1.10E-01	—	—	permil	—	—	08-1866	CAPA-08-15082	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	DUP	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.87	—	—	—	permil	—	—	08-1866	CAPA-08-15082	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.32	5.00E-02	—	—	permil	—	—	08-1866	CAPA-08-15079	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.23	—	—	—	permil	—	—	08-1866	CAPA-08-15079	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.8	1.43E+00	—	—	UNITLESS	—	—	08-399	CAPA-08-9720	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	DUP	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.22	—	—	—	permil	—	—	08-399	CAPA-08-9720	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.95	9.00E-02	—	—	UNITLESS	—	—	08-399	CAPA-08-9338	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.08	—	—	—	permil	—	—	08-399	CAPA-08-9338	EES6
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.3	—	—	—	permil	—	—	11-158	CAPA-10-27392	EES6
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.521212653	—	—	—	permil	—	—	10-3345	CAPA-10-17741	EES6
R-32	8421	Single	867.5	03/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.11	—	—	—	permil	—	—	10-2426	CAPA-10-12839	EES6
R-32	8421	Single	867.5	12/07/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.65	—	—	—	permil	—	—	10-843	CAPA-10-6376	EES6
R-32	8421	Single	867.5	08/31/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.07	—	—	1.00E-02	permil	—	—	09-3047	CAPA-09-12278	EES6
R-32	8421	Single	867.5	06/08/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	6.65	—	—	1.00E-02	permil	U	—	09-2237	CAPA-09-9420	EES6
R-32	8421	Single	867.5	02/26/09	WG	F	DUP	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.71	—	—	—	permil	—	—	09-1034	CAPA-09-4359	EES6
R-32	8421	Single	867.5	02/26/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.65	—	—	—	permil	—	—	09-1034	CAPA-09-4356	EES6
R-32	8421	Single	867.5	09/08/08	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.81	2.10E-01	—	—	permil	—	—	08-1866	CAPA-08-15083	EES6
R-32	8421	Single	867.5	09/08/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.01	2.10E-01	—	—	permil	—	—	08-1866	CAPA-08-15081	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	Single	867.5	12/14/07	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.6	2.00E-01	—	—	UNITLESS	—	—	08-399	CAPA-08-9721	EES6
R-32	8421	Single	867.5	12/14/07	WG	F	DUP	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.64	—	—	—	permil	—	—	08-399	CAPA-08-9721	EES6
R-32	8421	Single	867.5	12/14/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.98	2.00E-01	—	—	UNITLESS	—	—	08-399	CAPA-08-9339	EES6
R-32	8421	Single	867.5	12/14/07	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.95	—	—	—	permil	—	—	08-399	CAPA-08-9339	EES6
R-32	8421	Single	867.5	12/07/09	WG	F	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.71	—	—	—	permil	—	—	10-843	CAPA-10-6376	EES6
R-32	8421	Single	867.5	12/07/09	WG	F	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.4	—	—	—	permil	—	—	10-843	CAPA-10-6376	EES6
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.77	—	—	—	permil	—	—	11-158	CAPA-10-27391	EES6
R-32	8421	Single	867.5	03/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	10-2426	CAPA-10-12837	EES6
R-32	8421	Single	867.5	08/31/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-10.96	—	—	2.00E-03	permil	U	—	09-3047	CAPA-09-12277	EES6
R-32	8421	Single	867.5	06/08/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	—	—	2.14E-02	permil	—	—	09-2237	CAPA-09-9418	EES6
R-32	8421	Single	867.5	02/26/09	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.83	—	—	—	permil	—	—	09-1034	CAPA-09-4360	EES6
R-32	8421	Single	867.5	02/26/09	WG	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.09	—	—	—	permil	—	—	09-1034	CAPA-09-4360	EES6
R-32	8421	Single	867.5	02/26/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.83	—	—	—	permil	—	—	09-1034	CAPA-09-4358	EES6
R-32	8421	Single	867.5	02/26/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.88	—	—	—	permil	—	—	09-1034	CAPA-09-4358	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.64	9.00E-02	—	—	permil	—	—	08-1866	CAPA-08-15082	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.69	—	—	—	permil	—	—	08-1866	CAPA-08-15082	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.56	9.00E-02	—	—	permil	—	—	08-1866	CAPA-08-15079	EES6
R-32	8421	Single	867.5	09/08/08	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.92	—	—	—	permil	—	—	08-1866	CAPA-08-15079	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.64	1.00E-01	—	—	UNITLESS	—	—	08-399	CAPA-08-9720	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	DUP	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.69	—	—	—	permil	—	—	08-399	CAPA-08-9720	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.75	1.00E-01	—	—	UNITLESS	—	—	08-399	CAPA-08-9338	EES6
R-32	8421	Single	867.5	12/14/07	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.76	—	—	—	permil	—	—	08-399	CAPA-08-9338	EES6
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Barium	—	41.8	—	—	1.00E+00	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	µg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.7	—	—	1.00E+00	µg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1.00E+00	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1.00E+00	µg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.2	—	—	1.00E+00	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.2	—	—	1.00E+00	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.7	—	—	1.00E+00	µg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1.00E+00	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1.00E+00	µg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77	—	—	1.00E+00	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.3	—	—	1.00E+00	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.7	—	—	1.00E+00	µg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1.00E+00	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77	—	—	1.00E+00	µg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.6	—	—	1.00E+00	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.2	—	—	1.00E+00	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.9	—	—	1.00E+00	µg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Vanadium	—	3.07	—	—	1.00E+00	µg/L	J	J	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.55	—	—	1.00E+00	µg/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.23	—	—	1.00E+00	µg/L	J	J	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.74	—	—	1.00E+00	µg/L	J	J	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.73	—	—	1.00E+00	µg/L	J	J	10-2393	CAPA-10-12839	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Vanadium	—	3.03	—	—	1.00E+00	µg/L	J	J	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.37	—	—	1.00E+00	µg/L	J	J	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.38	—	—	1.00E+00	µg/L	J	J	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.12	—	—	1.00E+00	µg/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.95	—	—	1.00E+00	µg/L	J	J	10-2393	CAPA-10-12837	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Zinc	—	40.9	—	—	3.30E+00	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	43.5	—	—	3.30E+00	µg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	41.9	—	—	3.30E+00	µg/L	—	—	10-4049	CAPA-10-24123	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	42.3	—	—	3.30E+00	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	03/09/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	33	—	—	3.30E+00	µg/L	—	—	10-2393	CAPA-10-12839	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Zinc	—	42	—	—	3.30E+00	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	43.6	—	—	3.30E+00	µg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	42.2	—	—	3.30E+00	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	59.6	—	—	3.30E+00	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	03/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.4	—	—	3.30E+00	µg/L	—	—	10-2393	CAPA-10-12837	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.88387	7.02E-01	2.04E+00	—	pCi/L	U	U	11-1211	CAPA-11-3016	ARSL
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.12914	8.30E-01	2.11E+00	—	pCi/L	—	U	11-195	CAPA-10-27391	ARSL
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.67053	5.43E-01	1.79E+00	—	pCi/L	U	U	10-4110	CAPA-10-24125	ARSL
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.00142	7.34E-01	2.14E+00	—	pCi/L	U	U	10-3346	CAPA-10-17740	ARSL
R-32	8421	Single	867.5	03/09/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-12837	UMTL
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.17	—	—	—	permil	—	—	11-124	CAPA-10-26914	EES6
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.08450338	—	—	—	permil	—	—	10-3439	CAPA-10-17949	EES6
R-37	8821	P1A	929.3	06/16/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.51300153	—	—	—	permil	—	—	10-3439	CAPA-10-17949	EES6
R-37	8821	P1A	929.3	03/02/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.34644817	—	—	—	permil	—	—	10-2245	CAPA-10-12855	EES6
R-37	8821	P1A	929.3	03/02/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.17991425	—	—	—	permil	—	—	10-2245	CAPA-10-12855	EES6
R-37	8821	P1A	929.3	12/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.53	—	—	—	permil	—	—	10-1017	CAPA-10-6823	EES6
R-37	8821	P1A	929.3	12/18/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.69	—	—	—	permil	—	—	10-1017	CAPA-10-6823	EES6
R-37	8821	P1A	929.3	11/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.33	—	—	—	permil	—	—	10-620	CAMO-10-5356	EES6
R-37	8821	P1A	929.3	08/20/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.72	—	—	1.00E-02	permil	—	—	09-2981	CAMO-09-9912	EES6
R-37	8821	P1A	929.3	07/13/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.6	—	—	1.00E-02	permil	—	—	09-2600	CAMO-09-10532	EES6
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.31	—	—	—	permil	—	—	11-124	CAPA-10-26915	EES6
R-37	8821	P1A	929.3	10/12/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.96	—	—	—	permil	—	—	11-124	CAPA-10-26915	EES6
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.978666431	—	—	—	permil	—	—	10-3439	CAPA-10-17948	EES6
R-37	8821	P1A	929.3	03/02/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.04	—	—	—	permil	—	—	10-2245	CAPA-10-12857	EES6
R-37	8821	P1A	929.3	12/18/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.44	—	—	—	permil	—	—	10-1017	CAPA-10-6821	EES6
R-37	8821	P1A	929.3	12/18/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.12	—	—	—	permil	—	—	10-1017	CAPA-10-6821	EES6
R-37	8821	P1A	929.3	11/18/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.82	—	—	—	permil	—	—	10-620	CAMO-10-5357	EES6
R-37	8821	P1A	929.3	11/18/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.55	—	—	—	permil	—	—	10-620	CAMO-10-5357	EES6
R-37	8821	P1A	929.3	08/20/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.46	—	—	1.00E-02	permil	—	—	09-2981	CAMO-09-9913	EES6
R-37	8821	P1A	929.3	08/20/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.79	—	—	—	permil	—	—	09-2981	CAMO-09-9913	EES6
R-37	8821	P1A	929.3	07/13/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6	—	—	1.00E-03	permil	—	—	09-2600	CAMO-09-10530	EES6
R-37	8821	P1A	929.3	07/13/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.19	—	—	1.00E-03	permil	—	—	09-2600	CAMO-09-10530	EES6
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.24	—	—	—	permil	—	—	11-124	CAPA-10-26914	EES6
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11	—	—	—	permil	—	—	10-3439	CAPA-10-17949	EES6
R-37	8821	P1A	929.3	06/16/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.9	—	—	—	permil	—	—	10-3439	CAPA-10-17949	EES6
R-37	8821	P1A	929.3	03/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25	—	—	—	permil	—	—	10-2245	CAPA-10-12855	EES6
R-37	8821	P1A	929.3	12/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.31	—	—	—	permil	—	—	10-1017	CAPA-10-6823	EES6
R-37	8821	P1A	929.3	12/18/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.56	—	—	—	permil	—	—	10-1017	CAPA-10-6823	EES6
R-37	8821	P1A	929.3	11/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.86	—	—	—	permil	—	—	10-620	CAMO-10-5356	EES6
R-37	8821	P1A	929.3	08/20/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	—	—	1.00E-02	permil	—	—	09-2981	CAMO-09-9912	EES6
R-37	8821	P1A	929.3	08/20/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14	—	—	—	permil	—	—	09-2981	CAMO-09-9912	EES6
R-37	8821	P1A	929.3	07/13/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11.13	—	—	2.00E-03	permil	U	—	09-2600	CAMO-09-10532	EES6
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	FD	Rad	LLEE	Tritium	—	27.20436	4.15E+00	1.37E+00	—	pCi/L	—	J-	11-1211	CAPA-11-2999	ARSL
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Rad	LLEE	Tritium	—	44.22305	6.74E+00	2.55E+00	—	pCi/L	—	—	11-1211	CAPA-11-2990	ARSL
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	51.24765	7.79E+00	2.39E+00	—	pCi/L	—	J	11-195	CAPA-10-26914	ARSL
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	34.10124	5.20E+00	1.85E+00	—	pCi/L	—	—	10-4110	CAPA-10-24066	ARSL
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	42.05181	6.42E+00	2.59E+00	—	pCi/L	—	—	10-3479	CAPA-10-17949	ARSL
R-37	8821	P1A	929.3	03/02/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	44.702	1.28E+00	2.87E-01	—	pCi/L	—	—	10-2251	CAPA-10-12855	UMTL
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.46451697	—	—	—	permil	—	—	11-155	CAPA-10-27399	EES6
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.56477599	—	—	—	permil	—	—	11-155	CAPA-10-27394	EES6
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.52147534	—	—	—	permil	—	—	10-3345	CAPA-10-17952	EES6
R-37	8811	P2A	1026	03/03/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.29383211	—	—	—	permil	—	—	10-2291	CAPA-10-13073	EES6
R-37	8811	P2A	1026	03/03/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.84765414	—	—	—	permil	—	—	10-2291	CAPA-10-13073	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	P2A	1026	12/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.66	—	—	—	permil	—	—	10-1017	CAPA-10-6824	EES6
R-37	8811	P2A	1026	12/18/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.58	—	—	—	permil	—	—	10-1017	CAPA-10-6824	EES6
R-37	8811	P2A	1026	11/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.38	—	—	—	permil	—	—	10-609	CAMO-10-5483	EES6
R-37	8811	P2A	1026	11/18/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79	—	—	—	permil	—	—	10-609	CAMO-10-5483	EES6
R-37	8811	P2A	1026	06/22/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-78.01	—	—	1.00E-03	permil	U	—	09-2419	CAMO-09-10526	EES6
R-37	8811	P2A	1026	10/14/10	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.126864534	—	—	—	permil	—	—	11-155	CAPA-10-27398	EES6
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.10137412	—	—	—	permil	—	—	11-155	CAPA-10-27395	EES6
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.837760014	—	—	—	permil	—	—	10-3345	CAPA-10-17953	EES6
R-37	8811	P2A	1026	03/03/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.97	—	—	—	permil	—	—	10-2291	CAPA-10-13075	EES6
R-37	8811	P2A	1026	12/18/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.93	—	—	—	permil	—	—	10-1017	CAPA-10-6827	EES6
R-37	8811	P2A	1026	11/18/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.22	—	—	—	permil	—	—	10-609	CAMO-10-5484	EES6
R-37	8811	P2A	1026	06/22/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.2	—	—	1.00E-02	permil	—	—	09-2419	CAMO-09-10527	EES6
R-37	8811	P2A	1026	06/22/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.21	—	—	1.00E-02	permil	—	—	09-2419	CAMO-09-10527	EES6
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.78411379	—	—	—	permil	—	—	11-155	CAPA-10-27399	EES6
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.88155233	—	—	—	permil	—	—	11-155	CAPA-10-27394	EES6
R-37	8811	P2A	1026	03/03/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	10-2291	CAPA-10-13073	EES6
R-37	8811	P2A	1026	03/03/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	—	—	—	permil	—	—	10-2291	CAPA-10-13073	EES6
R-37	8811	P2A	1026	12/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	—	permil	—	—	10-1017	CAPA-10-6824	EES6
R-37	8811	P2A	1026	12/18/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	permil	—	—	10-1017	CAPA-10-6824	EES6
R-37	8811	P2A	1026	11/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.7	—	—	—	permil	—	—	10-609	CAMO-10-5483	EES6
R-37	8811	P2A	1026	11/18/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.72	—	—	—	permil	—	—	10-609	CAMO-10-5483	EES6
R-37	8811	P2A	1026	06/22/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	1.00E-02	permil	—	—	09-2419	CAMO-09-10526	EES6
R-37	8811	P2A	1026	06/22/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.66	—	—	1.00E-02	permil	—	—	09-2419	CAMO-09-10526	EES6
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.9158	7.02E-01	2.08E+00	—	pCi/L	U	U	11-1211	CAPA-11-3019	ARSL
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	3.00142	7.98E-01	2.04E+00	—	pCi/L	—	U	11-195	CAPA-10-27399	ARSL
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.44844	8.94E-01	2.33E+00	—	pCi/L	—	U	11-195	CAPA-10-27394	ARSL
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.47895	5.43E-01	1.85E+00	—	pCi/L	U	U	10-4110	CAPA-10-24128	ARSL
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.04352	6.07E-01	1.82E+00	—	pCi/L	U	U	10-3346	CAPA-10-17952	ARSL
R-37	8811	P2A	1026	03/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	4.53406	2.87E-01	2.87E-01	—	pCi/L	—	—	10-2383	CAPA-10-13073	UMTL
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.83	—	—	—	permil	—	—	11-124	CAPA-10-27406	EES6
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.8626094	—	—	—	permil	—	—	10-3321	CAPA-10-17956	EES6
R-38	8631	Single	821.2	03/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.51929143	—	—	—	permil	—	—	10-2442	CAPA-10-13087	EES6
R-38	8631	Single	821.2	12/17/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.03571512	—	—	—	permil	—	—	10-993	CAPA-10-6793	EES6
R-38	8631	Single	821.2	08/21/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.94	—	—	1.00E-02	permil	—	—	09-2994	CAMO-09-9566	EES6
R-38	8631	Single	821.2	05/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.31	—	—	—	permil	—	—	09-1700	CAMO-09-8224	EES6
R-38	8631	Single	821.2	05/01/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.9	—	—	1.00E-03	permil	—	—	09-1700	CAMO-09-8224	EES6
R-38	8631	Single	821.2	02/06/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.76	—	—	—	permil	—	—	09-837	CAMO-09-2999	EES6
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.55	—	—	—	permil	—	—	11-124	CAPA-10-27408	EES6
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.224600884	—	—	—	permil	—	—	10-3321	CAPA-10-17955	EES6
R-38	8631	Single	821.2	03/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.55	—	—	—	permil	—	—	10-2442	CAPA-10-13089	EES6
R-38	8631	Single	821.2	12/17/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.44	—	—	—	permil	—	—	10-993	CAPA-10-6794	EES6
R-38	8631	Single	821.2	12/17/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.75	—	—	—	permil	—	—	10-993	CAPA-10-6794	EES6
R-38	8631	Single	821.2	08/21/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.04	—	—	1.00E-02	permil	—	—	09-2994	CAMO-09-9567	EES6
R-38	8631	Single	821.2	08/21/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.13	—	—	—	permil	—	—	09-2994	CAMO-09-9567	EES6
R-38	8631	Single	821.2	05/01/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.23	—	—	1.00E-02	permil	—	—	09-1700	CAMO-09-8223	EES6
R-38	8631	Single	821.2	02/06/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.01	—	—	—	permil	—	—	09-837	CAMO-09-3000	EES6
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.19	—	—	—	permil	—	—	11-124	CAPA-10-27406	EES6
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	10-3321	CAPA-10-17956	EES6
R-38	8631	Single	821.2	06/02/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	—	—	—	permil	—	—	10-3321	CAPA-10-17956	EES6
R-38	8631	Single	821.2	03/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14	—	—	—	permil	—	—	10-2442	CAPA-10-13087	EES6
R-38	8631	Single	821.2	12/17/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.69	—	—	—	permil	—	—	10-993	CAPA-10-6793	EES6
R-38	8631	Single	821.2	08/21/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.98	—	—	1.00E-02	permil	—	—	09-2994	CAMO-09-9566	EES6
R-38	8631	Single	821.2	08/21/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.92	—	—	—	permil	—	—	09-2994	CAMO-09-9566	EES6
R-38	8631	Single	821.2	05/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14	—	—	1.00E-02	permil	—	—	09-1700	CAMO-09-8224	EES6
R-38	8631	Single	821.2	05/01/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.01	—	—	1.00E-02	permil	—	—	09-1700	CAMO-09-8224	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	Single	821.2	02/06/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.95	—	—	—	permil	—	—	09-837	CAMO-09-2999	EES6
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-2.26703	6.07E-01	1.79E+00	—	pCi/L	U	UJ	11-1276	CAPA-11-3025	ARSL
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.97966	5.11E-01	1.56E+00	—	pCi/L	U	UJ	11-1276	CAPA-11-3020	ARSL
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.67195	9.58E-01	2.49E+00	—	pCi/L	—	U	11-195	CAPA-10-27406	ARSL
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.79825	5.43E-01	1.82E+00	—	pCi/L	U	U	10-4110	CAPA-10-24152	ARSL
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.86211	6.07E-01	2.08E+00	—	pCi/L	U	U	10-4110	CAPA-10-24148	ARSL
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-1.11755	5.75E-01	1.85E+00	—	pCi/L	U	U	10-3322	CAPA-10-17957	ARSL
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.6386	5.43E-01	1.85E+00	—	pCi/L	U	U	10-3322	CAPA-10-17956	ARSL
R-38	8631	Single	821.2	03/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2447	CAPA-10-13087	UMTL
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.25	—	—	—	permil	—	—	11-109	CAPA-10-27409	EES6
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.95683061	—	—	—	permil	—	—	10-3321	CAPA-10-17901	EES6
R-39	8641	Single	859	02/26/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.1044805	—	—	—	permil	—	—	10-2171	CAPA-10-12913	EES6
R-39	8641	Single	859	02/26/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.50906078	—	—	—	permil	—	—	10-2171	CAPA-10-12913	EES6
R-39	8641	Single	859	12/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.46090325	—	—	—	permil	—	—	10-877	CAPA-10-6797	EES6
R-39	8641	Single	859	12/09/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.10128742	—	—	—	permil	—	—	10-877	CAPA-10-6797	EES6
R-39	8641	Single	859	09/02/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-77.91	—	—	1.00E-03	permil	U	—	09-3102	CAPA-09-12281	EES6
R-39	8641	Single	859	09/02/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.75	—	—	—	permil	—	—	09-3102	CAPA-09-12281	EES6
R-39	8641	Single	859	06/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.6	—	—	2.00E-03	permil	—	—	09-2261	CAPA-09-9421	EES6
R-39	8641	Single	859	03/12/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.18	—	—	—	permil	—	—	09-1206	CAPA-09-4423	EES6
R-39	8641	Single	859	02/19/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80	—	—	—	permil	—	—	09-959	CAMO-09-2987	EES6
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.51	—	—	—	permil	—	—	11-109	CAPA-10-27411	EES6
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.851824718	—	—	—	permil	—	—	10-3321	CAPA-10-17902	EES6
R-39	8641	Single	859	02/26/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.46	—	—	—	permil	—	—	10-2171	CAPA-10-12911	EES6
R-39	8641	Single	859	12/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.74	—	—	—	permil	—	—	10-877	CAPA-10-6798	EES6
R-39	8641	Single	859	09/02/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	5.21	—	—	3.00E-03	permil	U	—	09-3102	CAPA-09-12280	EES6
R-39	8641	Single	859	06/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	5.4	—	—	1.00E-02	permil	U	—	09-2261	CAPA-09-9423	EES6
R-39	8641	Single	859	06/09/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.64	—	—	—	permil	—	—	09-2261	CAPA-09-9423	EES6
R-39	8641	Single	859	03/12/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.79	—	—	—	permil	—	—	09-1206	CAPA-09-4422	EES6
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.12	—	—	—	permil	—	—	11-109	CAPA-10-27409	EES6
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.88	—	—	—	permil	—	—	10-3321	CAPA-10-17901	EES6
R-39	8641	Single	859	06/02/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	—	—	—	permil	—	—	10-3321	CAPA-10-17901	EES6
R-39	8641	Single	859	02/26/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	—	—	—	permil	—	—	10-2171	CAPA-10-12913	EES6
R-39	8641	Single	859	12/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.83	—	—	—	permil	—	—	10-877	CAPA-10-6797	EES6
R-39	8641	Single	859	12/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.57	—	—	—	permil	—	—	10-877	CAPA-10-6797	EES6
R-39	8641	Single	859	09/02/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11.18	—	—	2.00E-03	permil	U	—	09-3102	CAPA-09-12281	EES6
R-39	8641	Single	859	09/02/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.16	—	—	—	permil	—	—	09-3102	CAPA-09-12281	EES6
R-39	8641	Single	859	06/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-11	—	—	1.00E-03	permil	U	—	09-2261	CAPA-09-9421	EES6
R-39	8641	Single	859	06/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.09	—	—	—	permil	—	—	09-2261	CAPA-09-9421	EES6
R-39	8641	Single	859	03/12/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.88	—	—	—	permil	—	—	09-1206	CAPA-09-4423	EES6
R-39	8641	Single	859	03/12/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.01	—	—	—	permil	—	—	09-1206	CAPA-09-4423	EES6
R-39	8641	Single	859	02/19/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.86	—	—	—	permil	—	—	09-959	CAMO-09-2987	EES6
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.2351	5.75E-01	1.76E+00	—	pCi/L	U	UJ	11-1276	CAPA-11-3026	ARSL
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.78808	7.02E-01	2.04E+00	—	pCi/L	U	U	11-112	CAPA-10-27409	ARSL
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	4.40634	1.02E+00	2.39E+00	—	pCi/L	—	—	10-4210	CAPA-10-24143	ARSL
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.18141	9.90E-01	3.32E+00	—	pCi/L	U	U	10-3322	CAPA-10-17901	ARSL
R-39	8641	Single	859	02/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12913	UMTL
R-40	8691	R-40i	649.7	10/20/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.27678274	—	—	—	permil	—	—	11-220	CAPA-10-26917	EES6
R-40	8691	R-40i	649.7	03/03/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.19657562	—	—	—	permil	—	—	10-2275	CAPA-10-12851	EES6
R-40	8691	R-40i	649.7	12/04/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.26	—	—	—	permil	—	—	10-817	CAPA-10-6790	EES6
R-40	8691	R-40i	649.7	08/31/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.33	—	—	1.00E-02	permil	—	—	09-3047	CAPA-09-12253	EES6
R-40	8691	R-40i	649.7	08/31/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.69	—	—	—	permil	—	—	09-3047	CAPA-09-12253	EES6
R-40	8691	R-40i	649.7	06/10/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79	—	—	2.00E-03	permil	—	—	09-2274	CAPA-09-9443	EES6
R-40	8691	R-40i	649.7	06/10/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.45	—	—	—	permil	—	—	09-2274	CAPA-09-9443	EES6
R-40	8691	R-40i	649.7	10/20/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.76677956	—	—	—	permil	—	—	11-220	CAPA-10-26917	EES6
R-40	8691	R-40i	649.7	03/03/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.77	—	—	—	permil	—	—	10-2275	CAPA-10-12851	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8691	R-40i	649.7	03/03/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	10-2275	CAPA-10-12851	EES6
R-40	8691	R-40i	649.7	12/04/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.48	—	—	—	permil	—	—	10-817	CAPA-10-6790	EES6
R-40	8691	R-40i	649.7	12/04/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.27	—	—	—	permil	—	—	10-817	CAPA-10-6790	EES6
R-40	8691	R-40i	649.7	08/31/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	—	—	1.00E-02	permil	—	—	09-3047	CAPA-09-12253	EES6
R-40	8691	R-40i	649.7	08/31/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	—	—	—	permil	—	—	09-3047	CAPA-09-12253	EES6
R-40	8691	R-40i	649.7	06/10/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-10.93	—	—	1.00E-03	permil	U	—	09-2274	CAPA-09-9443	EES6
R-40	8691	R-40i	649.7	06/10/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.83	—	—	—	permil	—	—	09-2274	CAPA-09-9443	EES6
R-40	8701	P1A	751.6	10/20/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.58949912	—	—	—	permil	—	—	11-220	CAPA-10-26922	EES6
R-40	8701	P1A	751.6	12/04/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.86	—	—	—	permil	—	—	10-817	CAPA-10-6803	EES6
R-40	8701	P1A	751.6	12/04/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.01	—	—	—	permil	—	—	10-817	CAPA-10-6803	EES6
R-40	8701	P1A	751.6	04/21/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-78.38	—	—	1.00E-03	permil	U	—	09-1542	CAPA-09-8346	EES6
R-40	8701	P1A	751.6	10/20/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.211027341	—	—	—	permil	—	—	11-220	CAPA-10-26920	EES6
R-40	8701	P1A	751.6	02/23/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	11.26	—	—	—	permil	—	—	10-2053	CAPA-10-13082	EES6
R-40	8701	P1A	751.6	10/20/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.81804183	—	—	—	permil	—	—	11-220	CAPA-10-26922	EES6
R-40	8701	P1A	751.6	12/04/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.51	—	—	—	permil	—	—	10-817	CAPA-10-6803	EES6
R-40	8701	P1A	751.6	12/04/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.45	—	—	—	permil	—	—	10-817	CAPA-10-6803	EES6
R-40	8701	P1A	751.6	04/21/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-10.65	—	—	2.00E-04	permil	U	—	09-1542	CAPA-09-8346	EES6
R-40	8701	P1A	751.6	01/21/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.78808	6.39E-01	1.85E+00	—	pCi/L	U	U	11-1211	CAPA-11-2996	ARSL
R-40	8701	P1A	751.6	10/20/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.01159	7.66E-01	2.30E+00	—	pCi/L	U	U	11-304	CAPA-10-26922	ARSL
R-40	8701	P1A	751.6	07/28/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	17.14641	2.71E+00	2.01E+00	—	pCi/L	—	—	10-3986	CAPA-10-24073	ARSL
R-40	8701	P1A	751.6	06/04/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.35123	4.47E-01	1.47E+00	—	pCi/L	U	U	10-3322	CAPA-10-17906	ARSL
R-40	8701	P1A	751.6	02/23/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	1.28E-01	2.87E-01	—	pCi/L	U	U	10-2041	CAPA-10-13083	UMTL
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.42741296	—	—	—	permil	—	—	11-198	CAPA-10-27413	EES6
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.37826021	—	—	—	permil	—	—	10-3321	CAPA-10-17908	EES6
R-40	8711	P2A	849.3	09/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.83	—	—	—	permil	—	—	09-3129	CAPA-09-12317	EES6
R-40	8711	P2A	849.3	09/03/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.53	—	—	—	permil	—	—	09-3129	CAPA-09-12317	EES6
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.336049434	—	—	—	permil	—	—	11-198	CAPA-10-27412	EES6
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.201821155	—	—	—	permil	—	—	10-3321	CAPA-10-17907	EES6
R-40	8711	P2A	849.3	09/03/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.77	—	—	—	permil	—	—	09-3129	CAPA-09-12316	EES6
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.89444133	—	—	—	permil	—	—	11-198	CAPA-10-27413	EES6
R-40	8711	P2A	849.3	10/19/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.00247251	—	—	—	permil	—	—	11-198	CAPA-10-27413	EES6
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.12	—	—	—	permil	—	—	10-3321	CAPA-10-17908	EES6
R-40	8711	P2A	849.3	09/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.13	—	—	—	permil	—	—	09-3129	CAPA-09-12317	EES6
R-40	8711	P2A	849.3	09/03/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	—	permil	—	—	09-3129	CAPA-09-12317	EES6
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.78808	6.71E-01	1.95E+00	—	pCi/L	U	U	11-1211	CAPA-11-3030	ARSL
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.50071	6.71E-01	2.08E+00	—	pCi/L	U	U	11-304	CAPA-10-27413	ARSL
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.64002	7.66E-01	1.98E+00	—	pCi/L	U	U	10-3852	CAPA-10-24145	ARSL
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.98983	6.07E-01	2.08E+00	—	pCi/L	U	U	10-3322	CAPA-10-17908	ARSL
R-40	8711	P2A	849.3	02/23/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.3193	1.28E-01	2.87E-01	—	pCi/L	U	U	10-2041	CAPA-10-12917	UMTL
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.3	—	—	—	permil	—	—	11-109	CAPA-10-27402	EES6
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.57	—	—	—	permil	—	—	11-109	CAPA-10-27405	EES6
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.86543356	—	—	—	permil	—	—	10-3376	CAPA-10-17910	EES6
R-41	8791	P2A	965.3	02/26/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.39344565	—	—	—	permil	—	—	10-2171	CAPA-10-12919	EES6
R-41	8791	P2A	965.3	12/15/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.01	—	—	—	permil	—	—	10-949	CAPA-10-6818	EES6
R-41	8791	P2A	965.3	09/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.22	—	—	—	permil	—	—	09-3087	CAPA-09-12294	EES6
R-41	8791	P2A	965.3	09/01/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.84	—	—	—	permil	—	—	09-3087	CAPA-09-12294	EES6
R-41	8791	P2A	965.3	04/02/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.24	—	—	—	permil	—	—	09-1363	CAMO-09-6908	EES6
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.37	—	—	—	permil	—	—	11-109	CAPA-10-27403	EES6
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.54	—	—	—	permil	—	—	11-109	CAPA-10-27404	EES6
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.695171922	—	—	—	permil	—	—	10-3376	CAPA-10-17912	EES6
R-41	8791	P2A	965.3	06/09/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.667545497	—	—	—	permil	—	—	10-3376	CAPA-10-17912	EES6
R-41	8791	P2A	965.3	02/26/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.34	—	—	—	permil	—	—	10-2171	CAPA-10-12922	EES6
R-41	8791	P2A	965.3	12/15/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.39	—	—	—	permil	—	—	10-949	CAPA-10-6817	EES6
R-41	8791	P2A	965.3	09/01/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.6	—	—	—	permil	—	—	09-3087	CAPA-09-12291	EES6
R-41	8791	P2A	965.3	04/02/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.61	—	—	—	permil	—	—	09-1363	CAMO-09-6907	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.95	—	—	—	permil	—	—	11-109	CAPA-10-27402	EES6
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	—	—	—	permil	—	—	11-109	CAPA-10-27405	EES6
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.05	—	—	—	permil	—	—	10-3376	CAPA-10-17910	EES6
R-41	8791	P2A	965.3	06/09/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	10-3376	CAPA-10-17910	EES6
R-41	8791	P2A	965.3	02/26/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	—	—	—	permil	—	—	10-2171	CAPA-10-12919	EES6
R-41	8791	P2A	965.3	12/15/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.51	—	—	—	permil	—	—	10-949	CAPA-10-6818	EES6
R-41	8791	P2A	965.3	12/15/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.48	—	—	—	permil	—	—	10-949	CAPA-10-6818	EES6
R-41	8791	P2A	965.3	09/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.98	—	—	—	permil	—	—	09-3087	CAPA-09-12294	EES6
R-41	8791	P2A	965.3	09/01/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.89	—	—	—	permil	—	—	09-3087	CAPA-09-12294	EES6
R-41	8791	P2A	965.3	04/02/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.63	—	—	—	permil	—	—	09-1363	CAMO-09-6908	EES6
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.01159	7.02E-01	2.08E+00	—	pCi/L	U	U	11-1122	CAPA-11-3032	ARSL
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	FD	Rad	LLEE	Tritium	—	3.92739	9.90E-01	2.52E+00	—	pCi/L	—	—	11-112	CAPA-10-27402	ARSL
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	6.25828	1.25E+00	2.43E+00	—	pCi/L	—	—	11-112	CAPA-10-27405	ARSL
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.79825	6.07E-01	2.08E+00	—	pCi/L	U	U	10-4110	CAPA-10-24131	ARSL
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.76632	6.07E-01	2.04E+00	—	pCi/L	U	U	10-3425	CAPA-10-17914	ARSL
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.76632	6.07E-01	2.11E+00	—	pCi/L	U	U	10-3425	CAPA-10-17910	ARSL
R-41	8791	P2A	965.3	02/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.35123	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2251	CAPA-10-12919	UMTL
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.55	—	—	—	permil	—	—	11-109	CAPA-10-27418	EES6
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.34240311	—	—	—	permil	—	—	10-3408	CAPA-10-17856	EES6
R-49	8831	P1A	845	06/14/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.69512155	—	—	—	permil	—	—	10-3408	CAPA-10-17856	EES6
R-49	8831	P1A	845	03/03/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.60576691	—	—	—	permil	—	—	10-2291	CAPA-10-12903	EES6
R-49	8831	P1A	845	12/07/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.01	—	—	—	permil	—	—	10-847	CAPA-10-6813	EES6
R-49	8831	P1A	845	09/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.45	—	—	—	permil	—	—	09-3080	CAPA-09-12297	EES6
R-49	8831	P1A	845	09/01/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.02	—	—	—	permil	—	—	09-3080	CAPA-09-12297	EES6
R-49	8831	P1A	845	06/23/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-79.83	—	—	1.00E-03	permil	U	—	09-2480	CAMO-09-10840	EES6
R-49	8831	P1A	845	06/23/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.39	—	—	—	permil	—	—	09-2480	CAMO-09-10840	EES6
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.34	—	—	—	permil	—	—	11-109	CAPA-10-27420	EES6
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.704291814	—	—	—	permil	—	—	10-3408	CAPA-10-17857	EES6
R-49	8831	P1A	845	03/03/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5	—	—	—	permil	—	—	10-2291	CAPA-10-12905	EES6
R-49	8831	P1A	845	12/07/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.88	—	—	—	permil	—	—	10-847	CAPA-10-6812	EES6
R-49	8831	P1A	845	09/01/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.85	—	—	—	permil	—	—	09-3080	CAPA-09-12295	EES6
R-49	8831	P1A	845	06/23/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	13.13	—	—	1.00E-02	permil	—	—	09-2480	CAMO-09-10842	EES6
R-49	8831	P1A	845	06/23/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	13.14	—	—	—	permil	—	—	09-2480	CAMO-09-10842	EES6
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	11-109	CAPA-10-27418	EES6
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.08	—	—	—	permil	—	—	10-3408	CAPA-10-17856	EES6
R-49	8831	P1A	845	06/14/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.81	—	—	—	permil	—	—	10-3408	CAPA-10-17856	EES6
R-49	8831	P1A	845	03/03/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.86	—	—	—	permil	—	—	10-2291	CAPA-10-12903	EES6
R-49	8831	P1A	845	03/03/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	10-2291	CAPA-10-12903	EES6
R-49	8831	P1A	845	12/07/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.82	—	—	—	permil	—	—	10-847	CAPA-10-6813	EES6
R-49	8831	P1A	845	12/07/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.51	—	—	—	permil	—	—	10-847	CAPA-10-6813	EES6
R-49	8831	P1A	845	09/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.12	—	—	—	permil	—	—	09-3080	CAPA-09-12297	EES6
R-49	8831	P1A	845	09/01/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.26	—	—	—	permil	—	—	09-3080	CAPA-09-12297	EES6
R-49	8831	P1A	845	06/23/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.08	—	—	1.00E-03	permil	—	—	09-2480	CAMO-09-10840	EES6
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.52247	9.26E-01	2.71E+00	—	pCi/L	U	U	11-1211	CAPA-11-3036	ARSL
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	3.38458	9.58E-01	2.59E+00	—	pCi/L	—	—	11-112	CAPA-10-27418	ARSL
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.3193	4.47E-01	1.47E+00	—	pCi/L	U	U	10-3986	CAPA-10-24650	ARSL
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.21334	6.39E-01	2.08E+00	—	pCi/L	U	U	10-3425	CAPA-10-17856	ARSL
R-49	8831	P1A	845	03/03/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2383	CAPA-10-12903	UMTL
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.44	—	—	—	permil	—	—	11-109	CAPA-10-27423	EES6
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.03142498	—	—	—	permil	—	—	10-3376	CAPA-10-17898	EES6
R-49	8841	P2A	905.6	03/05/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.81342275	—	—	—	permil	—	—	10-2332	CAPA-10-12909	EES6
R-49	8841	P2A	905.6	12/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.11	—	—	—	permil	—	—	10-865	CAPA-10-6816	EES6
R-49	8841	P2A	905.6	09/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.37	—	—	—	permil	—	—	09-3080	CAPA-09-12300	EES6
R-49	8841	P2A	905.6	06/18/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	<	-80.61	—	—	1.00E-03	permil	U	—	09-2378	CAMO-09-10515	EES6
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.63	—	—	—	permil	—	—	11-109	CAPA-10-27422	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	P2A	905.6	10/07/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.38	—	—	—	permil	—	—	11-109	CAPA-10-27422	EES6
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.306316813	—	—	—	permil	—	—	10-3376	CAPA-10-17899	EES6
R-49	8841	P2A	905.6	06/09/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.531571502	—	—	—	permil	—	—	10-3376	CAPA-10-17899	EES6
R-49	8841	P2A	905.6	03/05/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.71	—	—	—	permil	—	—	10-2332	CAPA-10-12907	EES6
R-49	8841	P2A	905.6	12/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.74	—	—	—	permil	—	—	10-865	CAPA-10-6815	EES6
R-49	8841	P2A	905.6	09/01/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.78	—	—	—	permil	—	—	09-3080	CAPA-09-12299	EES6
R-49	8841	P2A	905.6	06/18/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	3.64	—	—	1.00E-02	permil	U	—	09-2378	CAMO-09-10516	EES6
R-49	8841	P2A	905.6	06/18/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.97	—	—	1.00E-02	permil	—	—	09-2378	CAMO-09-10516	EES6
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.19	—	—	—	permil	—	—	11-109	CAPA-10-27423	EES6
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.99	—	—	—	permil	—	—	10-3376	CAPA-10-17898	EES6
R-49	8841	P2A	905.6	06/09/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.21	—	—	—	permil	—	—	10-3376	CAPA-10-17898	EES6
R-49	8841	P2A	905.6	03/05/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.15	—	—	—	permil	—	—	10-2332	CAPA-10-12909	EES6
R-49	8841	P2A	905.6	03/05/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25	—	—	—	permil	—	—	10-2332	CAPA-10-12909	EES6
R-49	8841	P2A	905.6	12/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	—	—	—	permil	—	—	10-865	CAPA-10-6816	EES6
R-49	8841	P2A	905.6	12/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.77	—	—	—	permil	—	—	10-865	CAPA-10-6816	EES6
R-49	8841	P2A	905.6	09/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.03	—	—	—	permil	—	—	09-3080	CAPA-09-12300	EES6
R-49	8841	P2A	905.6	09/01/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.03	—	—	—	permil	—	—	09-3080	CAPA-09-12300	EES6
R-49	8841	P2A	905.6	06/18/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.17	—	—	1.00E-02	permil	—	—	09-2378	CAMO-09-10515	EES6
R-49	8841	P2A	905.6	06/18/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.11	—	—	1.00E-02	permil	—	—	09-2378	CAMO-09-10515	EES6
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.09216799	—	—	—	permil	—	—	11-202	CAPA-10-27437	EES6
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.54764969	—	—	—	permil	—	—	10-3835	CAPA-10-24156	EES6
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.34	—	—	—	permil	—	—	10-3462	CAPA-10-19017	EES6
R-51	8991	P1A	914.96	03/08/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.08391542	—	—	—	permil	—	—	10-2362	CAPA-10-13494	EES6
R-51	8991	P1A	914.96	03/08/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.92355141	—	—	—	permil	—	—	10-2362	CAPA-10-13494	EES6
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.617367115	—	—	—	permil	—	—	11-202	CAPA-10-27439	EES6
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.387073333	—	—	—	permil	—	—	10-3835	CAPA-10-24154	EES6
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.61	—	—	—	permil	—	—	10-3462	CAPA-10-19015	EES6
R-51	8991	P1A	914.96	03/08/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.24	—	—	—	permil	—	—	10-2362	CAPA-10-13495	EES6
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.27227496	—	—	—	permil	—	—	11-202	CAPA-10-27437	EES6
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.22139003	—	—	—	permil	—	—	10-3835	CAPA-10-24156	EES6
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	10-3462	CAPA-10-19017	EES6
R-51	8991	P1A	914.96	03/08/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.91	—	—	—	permil	—	—	10-2362	CAPA-10-13494	EES6
R-51	8991	P1A	914.96	03/08/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.55	—	—	—	permil	—	—	10-2362	CAPA-10-13494	EES6
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.20317	7.66E-01	2.24E+00	—	pCi/L	U	U	11-1122	CAPA-11-3043	ARSL
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.40492	6.39E-01	1.98E+00	—	pCi/L	U	U	11-304	CAPA-10-27437	ARSL
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.44844	7.98E-01	2.20E+00	—	pCi/L	U	U	10-3852	CAPA-10-24156	ARSL
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.9158	7.02E-01	2.04E+00	—	pCi/L	U	U	10-3479	CAPA-10-19017	ARSL
R-51	8991	P1A	914.96	03/08/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	2.87E-01	2.87E-01	—	pCi/L	U	U	10-2384	CAPA-10-13494	UMTL
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.51990627	—	—	—	permil	—	—	11-202	CAPA-10-27440	EES6
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.56782217	—	—	—	permil	—	—	10-3835	CAPA-10-24158	EES6
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.12	—	—	—	permil	—	—	10-3462	CAPA-10-19021	EES6
R-51	9001	P2A	1031	02/22/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.01658628	—	—	—	permil	—	—	10-2002	CAPA-10-13498	EES6
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	1.166707268	—	—	—	permil	—	—	11-202	CAPA-10-27441	EES6
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	2.776761883	—	—	—	permil	—	—	10-3835	CAPA-10-24159	EES6
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.62	—	—	—	permil	—	—	10-3462	CAPA-10-19019	EES6
R-51	9001	P2A	1031	02/22/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.66	—	—	—	permil	—	—	10-2002	CAPA-10-13497	EES6
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.35866285	—	—	—	permil	—	—	11-202	CAPA-10-27440	EES6
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3015107	—	—	—	permil	—	—	10-3835	CAPA-10-24158	EES6
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.26	—	—	—	permil	—	—	10-3462	CAPA-10-19021	EES6
R-51	9001	P2A	1031	02/22/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	—	—	—	permil	—	—	10-2002	CAPA-10-13498	EES6
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.33089	8.30E-01	2.39E+00	—	pCi/L	U	U	11-1122	CAPA-11-3045	ARSL
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.85194	8.30E-01	2.55E+00	—	pCi/L	U	U	11-304	CAPA-10-27440	ARSL
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.193	6.39E-01	1.53E+00	—	pCi/L	U	U	10-3852	CAPA-10-24158	ARSL
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.26703	8.30E-01	2.39E+00	—	pCi/L	U	U	10-3479	CAPA-10-19021	ARSL
R-51	9001	P2A	1031	02/22/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	6.39E-02	2.87E-01	—	pCi/L	U	U	10-2060	CAPA-10-13498	UMTL

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.28802216	—	—	—	permil	—	—	11-1092	CAPA-11-3082	EES6
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.82	—	—	—	permil	—	—	11-124	CAPA-10-27451	EES6
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.14321206	—	—	—	permil	—	—	10-4012	CAPA-10-24167	EES6
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.01615763	—	—	—	permil	—	—	10-2995	CAPA-10-16633	EES6
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.49114969	—	—	—	permil	—	—	11-1092	CAPA-11-3081	EES6
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.49	—	—	—	permil	—	—	11-124	CAPA-10-27450	EES6
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.052127172	—	—	—	permil	—	—	10-4012	CAPA-10-24166	EES6
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.754271024	—	—	—	permil	—	—	10-2995	CAPA-10-16634	EES6
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.75915665	—	—	—	permil	—	—	11-1092	CAPA-11-3082	EES6
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.91	—	—	—	permil	—	—	11-124	CAPA-10-27451	EES6
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.99248251	—	—	—	permil	—	—	10-4012	CAPA-10-24167	EES6
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.73	—	—	—	permil	—	—	10-2995	CAPA-10-16633	EES6
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	LLEE	Tritium	—	5.97091	1.15E+00	2.14E+00	—	pCi/L	—	—	11-1122	CAPA-11-3082	ARSL
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.28879	8.62E-01	2.24E+00	—	pCi/L	—	U	11-195	CAPA-10-27451	ARSL
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	7.02E-01	2.39E+00	—	pCi/L	U	U	10-4110	CAPA-10-24167	ARSL
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	8.62E-01	2.87E+00	—	pCi/L	U	U	10-3041	CAPA-10-16633	ARSL
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.21449554	—	—	—	permil	—	—	11-1092	CAPA-11-3084	EES6
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.65	—	—	—	permil	—	—	11-124	CAPA-10-27453	EES6
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.45795503	—	—	—	permil	—	—	10-4012	CAPA-10-24658	EES6
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.36654937	—	—	—	permil	—	—	10-2886	CAPA-10-16638	EES6
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.880017846	—	—	—	permil	—	—	11-1092	CAPA-11-3086	EES6
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4	—	—	—	permil	—	—	11-124	CAPA-10-27454	EES6
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.60508924	—	—	—	permil	—	—	10-4012	CAPA-10-24660	EES6
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.489203039	—	—	—	permil	—	—	10-2886	CAPA-10-16639	EES6
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.81040385	—	—	—	permil	—	—	11-1092	CAPA-11-3084	EES6
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	—	—	—	permil	—	—	11-124	CAPA-10-27453	EES6
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.98598875	—	—	—	permil	—	—	10-4012	CAPA-10-24658	EES6
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.53	—	—	—	permil	—	—	10-2886	CAPA-10-16638	EES6
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.21334	6.39E-01	1.95E+00	—	pCi/L	U	U	11-1122	CAPA-11-3084	ARSL
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.74598	7.34E-01	1.85E+00	—	pCi/L	—	U	11-195	CAPA-10-27453	ARSL
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	4.79E-01	1.63E+00	—	pCi/L	U	U	10-4110	CAPA-10-24658	ARSL
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.1977895	9.15E-01	2.47E+00	—	pCi/L	—	U	10-2948	CAPA-10-16638	ARSL
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.05159702	—	—	—	permil	—	—	11-1154	CAPA-11-3089	EES6
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.93	—	—	—	permil	—	—	11-124	CAPA-10-27456	EES6
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.29241811	—	—	—	permil	—	—	10-3841	CAPA-10-24174	EES6
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.58017779	—	—	—	permil	—	—	10-2821	CAPA-10-15928	EES6
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.369182341	—	—	—	permil	—	—	11-1154	CAPA-11-3088	EES6
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.36	—	—	—	permil	—	—	11-124	CAPA-10-27455	EES6
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.696676213	—	—	—	permil	—	—	10-3841	CAPA-10-24175	EES6
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.612345626	—	—	—	permil	—	—	10-2821	CAPA-10-15929	EES6
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.11455493	—	—	—	permil	—	—	11-1154	CAPA-11-3089	EES6
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	permil	—	—	11-124	CAPA-10-27456	EES6
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.53000771	—	—	—	permil	—	—	10-3841	CAPA-10-24174	EES6
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.29	—	—	—	permil	—	—	10-2821	CAPA-10-15928	EES6
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	LLEE	Tritium	—	9.54707	1.63E+00	2.17E+00	—	pCi/L	—	—	11-1122	CAPA-11-3089	ARSL
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.22493	8.30E-01	2.17E+00	—	pCi/L	—	U	11-195	CAPA-10-27456	ARSL
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.73581	8.62E-01	2.39E+00	—	pCi/L	U	U	10-3852	CAPA-10-24174	ARSL
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.54281	7.34E-01	2.52E+00	—	pCi/L	U	U	10-2849	CAPA-10-15928	ARSL
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.01671081	—	—	—	permil	—	—	11-1098	CAPA-11-3092	EES6
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.64	—	—	—	permil	—	—	11-124	CAPA-10-27464	EES6
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.83871878	—	—	—	permil	—	—	10-3841	CAPA-10-24179	EES6
R-53	9031	P2A	959.7	04/14/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.51492663	—	—	—	permil	—	—	10-2747	CAPA-10-15923	EES6
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.306406173	—	—	—	permil	—	—	11-1098	CAPA-11-3090	EES6
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.78	—	—	—	permil	—	—	11-124	CAPA-10-27463	EES6
R-53	9031	P2A	959.7	10/12/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.8	—	—	—	permil	—	—	11-124	CAPA-10-27463	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.194207011	—	—	—	permil	—	—	10-3841	CAPA-10-24180	EES6
R-53	9031	P2A	959.7	07/26/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.16867658	—	—	—	permil	—	—	10-3841	CAPA-10-24180	EES6
R-53	9031	P2A	959.7	04/14/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.971114109	—	—	—	permil	—	—	10-2747	CAPA-10-15924	EES6
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.97473905	—	—	—	permil	—	—	11-1098	CAPA-11-3092	EES6
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	11-124	CAPA-10-27464	EES6
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.10331072	—	—	—	permil	—	—	10-3841	CAPA-10-24179	EES6
R-53	9031	P2A	959.7	04/14/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.44	—	—	—	permil	—	—	10-2747	CAPA-10-15923	EES6
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	FD	Rad	LLEE	Tritium	<	2.36282	7.02E-01	1.88E+00	—	pCi/L	—	U	11-1122	CAPA-11-3094	ARSL
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.74598	7.98E-01	2.20E+00	—	pCi/L	—	U	11-1122	CAPA-11-3092	ARSL
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.09721	7.98E-01	2.11E+00	—	pCi/L	—	U	11-195	CAPA-10-27464	ARSL
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-4.1509	8.94E-01	2.30E+00	—	pCi/L	U	U	10-3852	CAPA-10-24179	ARSL
R-53	9031	P2A	959.7	04/14/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.33089	3.19E+00	1.79E+00	—	pCi/L	U	U	10-2751	CAPA-10-15923	ARSL
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.27339154	—	—	—	permil	—	—	11-139	CAPA-10-27444	EES6
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.65038706	—	—	—	permil	—	—	10-3856	CAPA-10-24160	EES6
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.81	—	—	—	permil	—	—	10-3462	CAPA-10-18473	EES6
R-54	8981	P1A	830	02/15/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.36644153	—	—	—	permil	—	—	10-1883	CAPA-10-12691	EES6
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.412808743	—	—	—	permil	—	—	11-139	CAPA-10-27445	EES6
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	11.9636422	—	—	—	permil	—	—	10-3856	CAPA-10-24161	EES6
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.93	—	—	—	permil	—	—	10-3462	CAPA-10-18475	EES6
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.32914322	—	—	—	permil	—	—	11-139	CAPA-10-27444	EES6
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18130157	—	—	—	permil	—	—	10-3856	CAPA-10-24160	EES6
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	—	—	—	permil	—	—	10-3462	CAPA-10-18473	EES6
R-54	8981	P1A	830	02/15/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	—	—	—	permil	—	—	10-1883	CAPA-10-12691	EES6
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.2351	7.98E-01	2.30E+00	—	pCi/L	U	U	11-1122	CAPA-11-3047	ARSL
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.79967	9.90E-01	2.59E+00	—	pCi/L	—	U	11-195	CAPA-10-27444	ARSL
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-6.80109	1.34E+00	3.26E+00	—	pCi/L	U	U	10-3852	CAPA-10-24160	ARSL
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.82001	6.71E-01	1.92E+00	—	pCi/L	U	U	10-3479	CAPA-10-18473	ARSL
R-54	8981	P1A	830	02/15/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	2.87E-01	2.87E-01	—	pCi/L	U	U	10-1904	CAPA-10-12691	UMTL
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.40529414	—	—	—	permil	—	—	11-139	CAPA-10-27446	EES6
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.87455587	—	—	—	permil	—	—	10-3856	CAPA-10-24165	EES6
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.69	—	—	—	permil	—	—	10-3462	CAPA-10-18479	EES6
R-54	8971	P2A	915	02/21/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.34072641	—	—	—	permil	—	—	10-1997	CAPA-10-13095	EES6
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.194134063	—	—	—	permil	—	—	11-139	CAPA-10-27448	EES6
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.531413751	—	—	—	permil	—	—	10-3856	CAPA-10-24164	EES6
R-54	8971	P2A	915	07/27/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.319749734	—	—	—	permil	—	—	10-3856	CAPA-10-24164	EES6
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.84	—	—	—	permil	—	—	10-3462	CAPA-10-18477	EES6
R-54	8971	P2A	915	02/21/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.47	—	—	—	permil	—	—	10-1997	CAPA-10-13094	EES6
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.28088483	—	—	—	permil	—	—	11-139	CAPA-10-27446	EES6
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33057746	—	—	—	permil	—	—	10-3856	CAPA-10-24165	EES6
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25	—	—	—	permil	—	—	10-3462	CAPA-10-18479	EES6
R-54	8971	P2A	915	02/21/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25	—	—	—	permil	—	—	10-1997	CAPA-10-13095	EES6
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.58633	9.26E-01	2.65E+00	—	pCi/L	U	U	11-1122	CAPA-11-3050	ARSL
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	2.58633	6.71E-01	1.76E+00	—	pCi/L	—	U	11-195	CAPA-10-27446	ARSL
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.16107	7.34E-01	2.01E+00	—	pCi/L	U	U	10-3852	CAPA-10-24165	ARSL
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	1.9158	7.02E-01	2.01E+00	—	pCi/L	U	U	10-3479	CAPA-10-18479	ARSL
R-54	8971	P2A	915	02/21/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	9.58E-02	2.87E-01	—	pCi/L	U	U	10-2061	CAPA-10-13095	UMTL
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.27	—	—	—	permil	—	—	11-1291	CAPA-11-4718	EES6
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.33059994	—	—	—	permil	—	—	10-4495	CAPA-10-26320	EES6
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.94	—	—	—	permil	—	—	11-1291	CAPA-11-4719	EES6
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.865133987	—	—	—	permil	—	—	10-4495	CAPA-10-26321	EES6
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.62	—	—	—	permil	—	—	11-1291	CAPA-11-4718	EES6
R-55	9451	P1A	860	02/07/11	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.78	—	—	—	permil	—	—	11-1291	CAPA-11-4718	EES6
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.170583517	—	—	—	permil	—	—	10-4495	CAPA-10-26320	EES6
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.20317	5.75E-01	1.76E+00	—	pCi/L	U	UJ	11-1308	CAPA-11-4718	ARSL
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	4.24669	1.15E+00	3.03E+00	—	pCi/L	—	—	10-4603	CAPA-10-26320	ARSL

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.04	—	—	—	permil	—	—	11-1267	CAPA-11-4726	EES6
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.53758827	—	—	—	permil	—	—	10-4564	CAPA-10-26324	EES6
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.97	—	—	—	permil	—	—	11-1267	CAPA-11-4729	EES6
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.465903136	—	—	—	permil	—	—	10-4564	CAPA-10-26323	EES6
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.71	—	—	—	permil	—	—	11-1267	CAPA-11-4726	EES6
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.6294197	—	—	—	permil	—	—	10-4564	CAPA-10-26324	EES6
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.01159	5.43E-01	1.60E+00	—	pCi/L	U	UJ	11-1270	CAPA-11-4726	ARSL
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	3.09721	8.30E-01	2.20E+00	—	pCi/L	—	—	10-4603	CAPA-10-26324	ARSL
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.11370979	—	—	—	permil	—	—	10-4229	CAPA-10-24868	EES6
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.303544782	—	—	—	permil	—	—	10-4229	CAPA-10-24869	EES6
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.24316662	—	—	—	permil	—	—	10-4229	CAPA-10-24868	EES6
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.80984	6.71E-01	1.56E+00	—	pCi/L	—	J-	11-1307	CAPA-11-4722	ARSL
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	3.35265	7.66E-01	1.82E+00	—	pCi/L	—	—	10-4353	CAPA-10-24868	ARSL
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.43	—	—	—	permil	—	—	11-1286	CAPA-11-4731	EES6
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.75238019	—	—	—	permil	—	—	10-4165	CAPA-10-24872	EES6
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.38	—	—	—	permil	—	—	11-1286	CAPA-11-4730	EES6
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.93987378	—	—	—	permil	—	—	10-4165	CAPA-10-24871	EES6
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	—	—	—	permil	—	—	11-1286	CAPA-11-4731	EES6
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14333959	—	—	—	permil	—	—	10-4165	CAPA-10-24872	EES6
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	LLEE	Tritium	<	-2.36282	6.07E-01	1.85E+00	—	pCi/L	U	UJ	11-1307	CAPA-11-4731	ARSL
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	3.44844	7.98E-01	1.88E+00	—	pCi/L	—	—	10-4209	CAPA-10-24872	ARSL
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.72410603	—	—	—	permil	—	—	10-3532	CAPA-10-22387	EES6
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.194023981	—	—	—	permil	—	—	10-3532	CAPA-10-22388	EES6
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.89424669	—	—	—	permil	—	—	10-3532	CAPA-10-22387	EES6
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.41651	7.34E-01	1.88E+00	—	pCi/L	U	U	10-3596	CAPA-10-22387	ARSL
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.12498541	—	—	—	permil	—	—	10-3499	CAPA-10-22406	EES6
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.810600318	—	—	—	permil	—	—	10-3499	CAPA-10-22405	EES6
R-57	9101	P2A	971.5	06/25/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.183929747	—	—	—	permil	—	—	10-3499	CAPA-10-22405	EES6
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.01722508	—	—	—	permil	—	—	10-3499	CAPA-10-22406	EES6
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	-3.95932	1.05E+00	3.07E+00	—	pCi/L	U	U	10-3509	CAPA-10-22406	ARSL
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.66	—	—	—	permil	—	—	11-1190	CAPA-11-3055	EES6
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.11402302	—	—	—	permil	—	—	11-964	CAPA-11-2810	EES6
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.65	—	—	—	permil	—	—	11-1190	CAPA-11-3054	EES6
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	1.01340633	—	—	—	permil	—	—	11-964	CAPA-11-2811	EES6
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.23	—	—	—	permil	—	—	11-1190	CAPA-11-3055	EES6
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.223414	—	—	—	permil	—	—	11-964	CAPA-11-2810	EES6
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.58633	6.07E-01	1.47E+00	—	pCi/L	—	J-	11-1211	CAPA-11-3055	ARSL
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	LLEE	Tritium	<	9.77058	5.40E+00	7.41E+00	—	pCi/L	—	U	11-999	CAPA-11-2810	ARSL
Starmer Spring	—	—	—	08/10/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.55230274	—	—	—	permil	—	—	10-4132	CAPA-10-24018	EES6
Starmer Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.85	—	—	—	permil	—	—	09-3265	CAPA-09-12100	EES6
Starmer Spring	—	—	—	09/16/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.35	—	—	—	permil	—	—	09-3265	CAPA-09-12100	EES6
Starmer Spring	—	—	—	09/11/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.28	3.30E-01	—	—	permil	—	—	08-1937	CAPA-08-14912	SILENS
Starmer Spring	—	—	—	08/23/06	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-68.97	3.40E-01	—	—	permil	—	—	17747	EU060800GSTS01	EES6
Starmer Spring	—	—	—	07/15/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.87	2.00E-02	—	—	permil	—	—	5768	EU05070GSTS01	EES6
Starmer Spring	—	—	—	06/21/05	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-86.2	1.20E+00	—	—	permil	—	—	11943	EU05060GSTS01	EES6
Starmer Spring	—	—	—	08/10/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.167721921	—	—	—	permil	—	—	10-4132	CAPA-10-24019	EES6
Starmer Spring	—	—	—	09/16/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.19	—	—	—	permil	—	—	09-3265	CAPA-09-12101	EES6
Starmer Spring	—	—	—	09/16/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.73	—	—	—	permil	—	—	09-3265	CAPA-09-12101	EES6
Starmer Spring	—	—	—	09/11/08	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.86	3.70E-01	—	—	permil	—	—	08-1937	CAPA-08-14913	SILENS
Starmer Spring	—	—	—	09/20/07	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.21	5.00E-02	—	—	permil	—	—	19367	EF070800GSTS01	EES6
Starmer Spring	—	—	—	08/10/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.2753813	—	—	—	permil	—	—	10-4132	CAPA-10-24018	EES6
Starmer Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.66	—	—	—	permil	—	—	09-3265	CAPA-09-12100	EES6
Starmer Spring	—	—	—	09/16/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	permil	—	—	09-3265	CAPA-09-12100	EES6
Starmer Spring	—	—	—	09/11/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.61	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-14912	SILENS
Starmer Spring	—	—	—	09/20/07	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.55	1.20E-01	—	—	permil	—	—	19434	EU070800GSTS01	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Starmer Spring	—	—	—	08/23/06	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.94	1.00E-01	—	—	permil	—	—	17827	EU060800GSTS01	EES6
Starmer Spring	—	—	—	07/15/05	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-12.16	1.20E-01	—	—	permil	—	—	6022	EU05070GSTS01	EES6
TMO-1	8561	Single	3.5	06/02/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.62743204	—	—	—	permil	—	—	10-3321	CAPA-10-17787	EES6
TMO-1	8561	Single	3.5	06/02/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.62779222	—	—	—	permil	—	—	10-3321	CAPA-10-17787	EES6
TMO-1	8561	Single	3.5	06/09/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.18	—	—	2.00E-03	permil	—	—	09-2261	CAPA-09-9396	EES6
TMO-1	8561	Single	3.5	06/09/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.63	—	—	—	permil	—	—	09-2261	CAPA-09-9396	EES6
TMO-1	8561	Single	3.5	09/12/08	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-64.01	4.60E-01	—	—	permil	—	—	08-1937	CAPA-08-14998	SILENS
TMO-1	8561	Single	3.5	06/09/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	<	12.85	—	—	1.00E-02	permil	U	—	09-2261	CAPA-09-9397	EES6
TMO-1	8561	Single	3.5	06/02/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	permil	—	—	10-3321	CAPA-10-17787	EES6
TMO-1	8561	Single	3.5	06/02/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.42	—	—	—	permil	—	—	10-3321	CAPA-10-17787	EES6
TMO-1	8561	Single	3.5	06/09/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	<	-10.76	—	—	1.00E-03	permil	U	—	09-2261	CAPA-09-9396	EES6
TMO-1	8561	Single	3.5	06/09/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.72	—	—	—	permil	—	—	09-2261	CAPA-09-9396	EES6
TMO-1	8561	Single	3.5	09/12/08	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.09	1.20E-01	—	—	permil	—	—	08-1937	CAPA-08-14998	SILENS
TMO-1	8561	Single	3.5	06/02/10	WG	UF	CS	—	Rad	LLEE	Tritium	—	31.41912	4.79E+00	2.01E+00	—	pCi/L	—	—	10-3322	CAPA-10-17787	ARSL
TMO-1	8561	Single	3.5	06/09/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	42.1476	1.28E+00	2.87E-01	—	pCi/L	—	—	09-2260	CAPA-09-9396	UMTL
TMO-1	8561	Single	3.5	09/12/08	WG	UF	CS	—	Rad	LLEE	Tritium	<	37.150555	5.73E+00	2.71E+00	—	pCi/L	—	U	08-1935	CAPA-08-14998	ARSL
TW-1.72 Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-53.85	—	—	—	permil	—	—	09-3265	CAPA-09-12114	EES6
TW-1.72 Spring	—	—	—	03/11/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.09	—	—	—	permil	—	—	09-1193	CAPA-09-4091	EES6
TW-1.72 Spring	—	—	—	09/16/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.44	—	—	—	permil	—	—	09-3265	CAPA-09-12114	EES6
TW-1.72 Spring	—	—	—	09/16/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.39	—	—	—	permil	—	—	09-3265	CAPA-09-12114	EES6
TW-1.72 Spring	—	—	—	03/11/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	—	—	—	permil	—	—	09-1193	CAPA-09-4091	EES6
TW-1.72 Spring	—	—	—	03/11/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.38	—	—	—	permil	—	—	09-1193	CAPA-09-4091	EES6
Two Mile Canyon below TA-59	—	—	—	12/19/07	WS	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.86	—	—	—	permil	—	—	08-439	CAPA-08-9347	EES6
Two Mile Canyon below TA-59	—	—	—	12/19/07	WS	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.56	—	—	—	permil	—	—	08-439	CAPA-08-9347	EES6
Two Mile Canyon below TA-59	—	—	—	08/25/06	WP	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-54.17	6.00E-01	—	—	permil	—	—	17798	EU06080PPBF201	EES6
Two Mile Canyon below TA-59	—	—	—	12/19/07	WS	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.86	—	—	—	permil	—	—	08-439	CAPA-08-9347	EES6
Two Mile Canyon below TA-59	—	—	—	12/19/07	WS	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	—	—	—	permil	—	—	08-439	CAPA-08-9347	EES6
Two Mile Canyon below TA-59	—	—	—	08/25/06	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.72	1.00E-01	—	—	permil	—	—	17883	EU06080PPBF201	EES6

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.2	—	—	0.73	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	0.73	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.6	—	—	0.73	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.5	—	—	0.73	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.1	—	—	0.73	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0494	—	—	0.016	mg/L	J	J-	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.017	—	—	0.016	mg/L	J	J-	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.028	—	—	0.016	mg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.08	—	—	0.016	mg/L	—	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.103	—	—	0.066	mg/L	J	J	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0985	—	—	0.066	mg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.117	—	—	0.066	mg/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.05	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.02	—	—	0.05	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.98	—	—	0.05	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.8	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.05	mg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.05	mg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.05	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	59.1	—	—	0.66	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	62.1	—	—	0.66	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	75.1	—	—	0.66	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	104	—	—	0.66	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	221	—	—	1.3	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.193	—	—	0.033	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.137	—	—	0.033	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	0.033	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.189	—	—	0.033	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.168	—	—	0.033	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	0.45	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	28.1	—	—	0.45	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	0.35	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	0.35	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	93	—	—	0.35	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.5	—	—	0.45	mg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59	—	—	0.45	mg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.2	—	—	0.35	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	0.35	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	92	—	—	0.35	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	0.11	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.95	—	—	0.11	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.69	—	—	0.085	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.39	—	—	0.085	mg/L	—	—	10-4141	CAPA-10-24080	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.3	—	—	0.085	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	0.11	mg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.73	—	—	0.11	mg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.99	—	—	0.085	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.47	—	—	0.085	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.41	—	—	0.085	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.812	—	—	0.1	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.354	—	—	0.05	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.241	—	—	0.05	mg/L	J	U	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.25	—	—	0.05	mg/L	U	UJ	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.422	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.415	—	—	0.05	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.113	—	—	0.05	µg/L	J	J	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.134	—	—	0.05	µg/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.075	—	—	0.05	µg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	0.05	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.8	—	—	0.05	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.23	—	—	0.05	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.4	—	—	0.05	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.4	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.8	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.63	—	—	0.05	mg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	13	—	—	0.05	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.2	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.5	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	58.7	—	—	0.1	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	52.7	—	—	0.1	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.4	—	—	0.1	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	82.7	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	152	—	—	0.1	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	55.2	—	—	0.1	mg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.6	—	—	0.1	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	81.1	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	149	—	—	0.1	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	370	—	—	1	µS/cm	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	171	—	—	1	µS/cm	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	425	—	—	1	µS/cm	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	516	—	—	1	µS/cm	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1010	—	—	1	µS/cm	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.2	—	—	0.1	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.48	—	—	0.1	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	0.1	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.6	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	27.2	—	—	0.1	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	242	—	—	4.8	mg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	263	—	—	2.4	mg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	428	—	—	4.8	mg/L	—	—	11-247	CAPA-10-26928	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	376	—	—	2.4	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	548	—	—	2.4	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.85	—	—	0.66	mg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.54	—	—	0.66	mg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	30.4	—	—	3.3	mg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.3	—	—	0.66	mg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.5	—	—	0.33	mg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0434	—	—	0.015	mg/L	J	J	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.047	—	—	0.015	mg/L	J	J	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.109	—	—	0.015	mg/L	—	U	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.036	—	—	0.015	mg/L	J	U	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.086	—	—	0.015	mg/L	—	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.53	—	—	0.01	SU	H	J-	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.43	—	—	0.01	SU	H	J-	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.36	—	—	0.01	SU	H	J-	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.61	—	—	0.01	SU	H	J-	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.72	—	—	0.01	SU	H	J-	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	4400	—	—	68	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2970	—	—	68	µg/L	—	J+	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	9620	—	—	68	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1120	—	—	68	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2720	—	—	68	µg/L	E	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	7300	—	—	68	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	UJ	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	27100	—	—	68	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1580	—	—	68	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3150	—	—	68	µg/L	E	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	76	—	—	1	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	64.5	—	—	1	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	92.1	—	—	1	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.1	—	—	1	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	171	—	—	1	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	79.2	—	—	1	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.5	—	—	1	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	203	—	—	1	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	104	—	—	1	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	176	—	—	1	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	77.6	—	—	15	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	62.1	—	—	15	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	54.9	—	—	15	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	44.9	—	—	15	µg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	42.3	—	—	15	µg/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	75.9	—	—	15	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	59	—	—	15	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	43.8	—	—	15	µg/L	J	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	42	—	—	15	µg/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.55	—	—	2	µg/L	J	J	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.95	—	—	2	µg/L	J	J	11-1201	CAPA-11-2953	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.13	—	—	2.5	µg/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.93	—	—	2.5	µg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.66	—	—	2.5	µg/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.21	—	—	2	µg/L	J	J	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.47	—	—	2	µg/L	J	J	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.54	—	—	2.5	µg/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.79	—	—	2.5	µg/L	J	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.91	—	—	2.5	µg/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.38	—	—	3	µg/L	J	J	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.04	—	—	3	µg/L	J	J	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	7.31	—	—	3	µg/L	J	J	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	6.91	—	—	3	µg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.77	—	—	3	µg/L	J	J	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	14.2	—	—	3	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	8.12	—	—	3	µg/L	J	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.87	—	—	3	µg/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	2890	—	—	30	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1660	—	—	30	µg/L	—	J	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	5940	—	—	30	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	654	—	—	30	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1430	—	—	30	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4770	—	—	30	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	16900	—	—	30	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	887	—	—	30	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1670	—	—	30	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Lead	—	4.01	—	—	0.5	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Lead	—	4.5	—	—	0.5	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	7.09	—	—	0.5	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	4.56	—	—	0.5	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.87	—	—	0.5	µg/L	J	J	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	6.22	—	—	0.5	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	4.43	—	—	0.5	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	21.8	—	—	0.5	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	6.33	—	—	0.5	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.82	—	—	0.5	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.8	—	—	2	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	33.2	—	—	2	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	21.5	—	—	2	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	32.5	—	—	2	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.4	—	—	2	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	92.8	—	—	2	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.7	—	—	2	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	33.4	—	—	2	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.76	—	—	0.17	µg/L	—	—	11-2148	CAPA-11-9561	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.824	—	—	0.17	µg/L	—	U	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.16	—	—	0.1	µg/L	—	U	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.524	—	—	0.1	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.591	—	—	0.1	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.886	—	—	0.17	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.782	—	—	0.17	µg/L	—	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.13	—	—	0.1	µg/L	—	U	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.479	—	—	0.1	µg/L	J	U	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.619	—	—	0.1	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.44	—	—	0.5	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.36	—	—	0.5	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.99	—	—	0.5	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.39	—	—	0.5	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.76	—	—	0.5	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	11.2	—	—	0.5	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.75	—	—	0.5	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.63	—	—	0.5	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.49	—	—	0.5	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.07	—	—	0.5	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.9	—	—	0.053	mg/L	N	J+	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	<	23.8	—	—	0.053	mg/L	—	U	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.6	—	—	0.053	mg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	15.6	—	—	0.053	mg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	22.3	—	—	0.053	mg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	64.1	—	—	1	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.1	—	—	1	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.5	—	—	1	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.1	—	—	1	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.4	—	—	1	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.3	—	—	1	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	69.1	—	—	1	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.461	—	—	0.067	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.463	—	—	0.067	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.653	—	—	0.05	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.607	—	—	0.05	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.374	—	—	0.05	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.646	—	—	0.067	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.486	—	—	0.067	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	0.05	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.771	—	—	0.05	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	0.05	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.09	—	—	1	µg/L	J	J	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.91	—	—	1	µg/L	J	U	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.57	—	—	1	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1	µg/L	J	J	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.77	—	—	1	µg/L	J	J	10-3343	CAPA-10-17568	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.27	—	—	1	µg/L	J	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	22	—	—	1	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.53	—	—	1	µg/L	J	J	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.31	—	—	1	µg/L	J	J	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	26.1	—	—	3.3	µg/L	—	—	11-2148	CAPA-11-9561	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	28.9	—	—	3.3	µg/L	—	—	11-1201	CAPA-11-2953	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	47.6	—	—	3.3	µg/L	—	—	11-247	CAPA-10-26928	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.5	—	—	3.3	µg/L	—	—	10-4141	CAPA-10-24080	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	34.9	—	—	3.3	µg/L	—	—	10-3343	CAPA-10-17568	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.6	—	—	3.3	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	40.8	—	—	3.3	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	87.1	—	—	3.3	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.9	—	—	3.3	µg/L	—	—	10-4141	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	44	—	—	3.3	µg/L	—	—	10-3343	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1030	4.33E+01	1.60E+02	—	pCi/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	854	3.33E+01	1.00E+02	—	pCi/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	156	1.97E+01	1.80E+02	—	pCi/L	U	U	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	08/12/10	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	207	1.50E+01	1.10E+02	—	pCi/L	—	—	10-4140	CAPA-10-24078	GELC
03-B-13	7671	Single	21.5	06/08/10	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1300	5.00E+01	1.80E+02	—	pCi/L	—	—	10-3342	CAPA-10-17570	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	DL	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	417	—	—	21	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	DL	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	185	—	—	4.4	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	64.9	—	—	2	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Svoa	SW-846:8270C	Naphthalene	<	1.11	—	—	0.33	µg/L	U	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Svoa	SW-846:8270C	Naphthalene	<	1	—	—	0.3	µg/L	U	U	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	1.17	—	—	0.25	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.66	—	—	0.25	µg/L	J	J	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	DL	—	Voa	SW-846:8260B	Chloroform	—	0.56	—	—	0.5	µg/L	J	J	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.67	—	—	0.25	µg/L	J	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	DL	—	Voa	SW-846:8260B	Chloroform	—	0.74	—	—	0.5	µg/L	HJ	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	4.4	—	—	0.3	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	4.2	—	—	1.5	µg/L	J	J	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	2.81	—	—	0.3	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	2.28	—	—	0.6	µg/L	—	J	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.95	—	—	0.3	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	2.04	—	—	0.6	µg/L	H	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	4.66	—	—	0.3	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	3.9	—	—	1.5	µg/L	J	J	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	10.8	—	—	0.3	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	9.58	—	—	0.6	µg/L	—	J	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	12.7	—	—	0.3	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	13.9	—	—	0.6	µg/L	H	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	DL	—	Voa	SW-846:8260B	Naphthalene	—	3.9	—	—	1.3	µg/L	J	J	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Naphthalene	<	1	—	—	0.25	µg/L	U	U	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	DL	—	Voa	SW-846:8260B	Naphthalene	<	2	—	—	0.5	µg/L	U	UJ	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Voa	SW-846:8260B	Naphthalene	<	1	—	—	0.25	µg/L	U	U	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	DL	—	Voa	SW-846:8260B	Naphthalene	—	1.72	—	—	0.5	µg/L	BJ	J	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	210	—	—	1.6	µg/L	—	J	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	<	129	—	—	0.33	µg/L	E	R	11-1201	CAPA-11-2954	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	7671	Single	21.5	01/25/11	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	99.4	—	—	0.65	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	<	106	—	—	0.33	µg/L	E	R	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	109	—	—	0.65	µg/L	H	J-	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	2.35	—	—	0.25	µg/L	—	—	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	04/22/11	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethene	—	2.55	—	—	1.3	µg/L	J	J	11-2148	CAPA-11-9562	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.74	—	—	0.25	µg/L	—	—	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	01/25/11	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethene	—	1.18	—	—	0.5	µg/L	J	J	11-1201	CAPA-11-2954	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.62	—	—	0.25	µg/L	—	—	11-247	CAPA-10-26927	GELC
03-B-13	7671	Single	21.5	10/22/10	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethene	—	1.64	—	—	0.5	µg/L	HJ	J	11-247	CAPA-10-26927	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	39.5	—	—	0.73	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	37	—	—	0.73	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	0.73	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	37.3	—	—	0.73	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	34.4	—	—	0.73	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	40	—	—	0.73	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0359	—	—	0.016	mg/L	J	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	0.016	mg/L	J	J-	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.056	—	—	0.016	mg/L	—	U	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.02	—	—	0.016	mg/L	J	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.0931	—	—	0.066	mg/L	J	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.112	—	—	0.066	mg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.105	—	—	0.066	mg/L	J	J	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.05	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	0.05	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	0.05	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	0.03	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	0.05	mg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	0.05	mg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	0.03	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	21.9	—	—	0.13	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.7	—	—	0.13	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.5	—	—	0.66	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21	—	—	0.33	mg/L	—	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.8	—	—	0.066	mg/L	—	J+	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.1	—	—	0.066	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.152	—	—	0.033	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.165	—	—	0.033	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.156	—	—	0.033	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.118	—	—	0.033	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.284	—	—	0.033	mg/L	—	—	10-973	CAPA-10-6765	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.145	—	—	0.033	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	61.6	—	—	0.45	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.9	—	—	0.45	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.5	—	—	0.35	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.9	—	—	0.35	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.5	—	—	0.35	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.7	—	—	0.35	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	58.3	—	—	0.45	mg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.2	—	—	0.45	mg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67.8	—	—	0.35	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55	—	—	0.35	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.5	—	—	0.35	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.8	—	—	0.35	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.33	—	—	0.11	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.03	—	—	0.11	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.47	—	—	0.085	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.68	—	—	0.085	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.5	—	—	0.085	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.52	—	—	0.085	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.1	—	—	0.11	mg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.08	—	—	0.11	mg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.83	—	—	0.085	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.85	—	—	0.085	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.38	—	—	0.085	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	0.085	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.108	—	—	0.1	mg/L	J	J+	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.187	—	—	0.1	mg/L	J	J+	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.168	—	—	0.05	mg/L	J	U	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.179	—	—	0.05	mg/L	J	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.187	—	—	0.05	mg/L	J	J	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.191	—	—	0.1	mg/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.18	—	—	0.05	mg/L	—	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	0.05	mg/L	—	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.23	—	—	0.05	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	0.05	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.18	—	—	0.05	mg/L	—	J	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.25	—	—	0.05	mg/L	—	J	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.04	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	0.05	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	0.05	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	17	—	—	0.1	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	0.1	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	0.1	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.6	—	—	0.1	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	0.1	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	0.045	mg/L	—	—	09-2215	CAPA-09-9400	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	0.1	mg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.1	—	—	0.1	mg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	0.1	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	0.1	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	0.1	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.045	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	204	—	—	1	µS/cm	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1	µS/cm	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1	µS/cm	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1	µS/cm	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1	µS/cm	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	180	—	—	1	µS/cm	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	19.2	—	—	0.1	mg/L	—	J+	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.3	—	—	0.1	mg/L	—	J+	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.4	—	—	0.1	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.1	—	—	0.1	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.5	—	—	0.1	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.4	—	—	0.1	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.4	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.4	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.4	mg/L	—	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.14	—	—	0.33	mg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.19	—	—	0.33	mg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.56	—	—	0.33	mg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.21	—	—	0.33	mg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.7	—	—	0.33	mg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	2.32	—	—	0.33	mg/L	—	U	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.47	—	—	0.01	SU	H	J-	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.51	—	—	0.01	SU	H	J-	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.75	—	—	0.01	SU	H	J-	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.75	—	—	0.01	SU	H	J-	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.59	—	—	0.01	SU	H	J-	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.46	—	—	0.01	SU	H	J-	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	137	—	—	68	µg/L	J	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	125	—	—	68	µg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	101	—	—	68	µg/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	278	—	—	68	µg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	106	—	—	68	µg/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	656	—	—	68	µg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	781	—	—	68	µg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	149	—	—	68	µg/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	589	—	—	68	µg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	287	—	—	68	µg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3000	—	—	68	µg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	98.2	—	—	1	µg/L	—	—	11-2210	CAPA-11-9538	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	91.6	—	—	1	µg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.2	—	—	1	µg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	79.2	—	—	1	µg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	80.2	—	—	1	µg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.6	—	—	1	µg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	96.2	—	—	1	µg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	96.1	—	—	1	µg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	105	—	—	1	µg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.4	—	—	1	µg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	88.7	—	—	1	µg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.8	—	—	1	µg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	17.3	—	—	15	µg/L	J	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.5	—	—	15	µg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.3	—	—	15	µg/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.4	—	—	15	µg/L	J	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	25.7	—	—	10	µg/L	J	U	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	16.8	—	—	15	µg/L	J	J	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.7	—	—	15	µg/L	J	J	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.1	—	—	15	µg/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.3	—	—	10	µg/L	J	J	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	62.6	—	—	30	µg/L	J	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	63.8	—	—	30	µg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34.8	—	—	30	µg/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	139	—	—	30	µg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	42.5	—	—	25	µg/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	300	—	—	30	µg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	357	—	—	30	µg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	48.7	—	—	30	µg/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	321	—	—	30	µg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	117	—	—	30	µg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1420	—	—	25	µg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.55	—	—	2	µg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.13	—	—	2	µg/L	J	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.73	—	—	2	µg/L	J	J	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.75	—	—	2	µg/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	5.15	—	—	2	µg/L	J	J	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.6	—	—	2	µg/L	J	J	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.8	—	—	2	µg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.92	—	—	2	µg/L	J	J	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	25.7	—	—	2	µg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.339	—	—	0.17	µg/L	J	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.357	—	—	0.17	µg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.674	—	—	0.1	µg/L	—	U	11-237	CAPA-10-26888	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.371	—	—	0.1	µg/L	J	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.254	—	—	0.1	µg/L	J	U	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.367	—	—	0.1	µg/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.359	—	—	0.17	µg/L	J	J	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.394	—	—	0.17	µg/L	J	J	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.719	—	—	0.1	µg/L	—	U	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.455	—	—	0.1	µg/L	J	J	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.267	—	—	0.1	µg/L	J	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.467	—	—	0.1	µg/L	J	U	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.18	—	—	0.5	µg/L	J	J	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.28	—	—	0.5	µg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.37	—	—	0.5	µg/L	J	J	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	J	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.937	—	—	0.5	µg/L	J	J	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	0.5	µg/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.24	—	—	0.5	µg/L	J	J	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.25	—	—	0.5	µg/L	J	J	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.32	—	—	0.5	µg/L	J	J	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.03	—	—	0.5	µg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.21	—	—	0.5	µg/L	J	J	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	0.5	µg/L	J	J	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	44.1	—	—	0.053	mg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.3	—	—	0.053	mg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.9	—	—	0.053	mg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.1	—	—	0.053	mg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.3	—	—	0.053	mg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.1	—	—	0.032	mg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.8	—	—	0.032	mg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	110	—	—	1	µg/L	—	—	11-2210	CAPA-11-9538	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1	µg/L	—	—	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1	µg/L	—	—	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.4	—	—	1	µg/L	—	—	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.8	—	—	1	µg/L	—	—	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.7	—	—	1	µg/L	—	—	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	104	—	—	1	µg/L	—	—	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1	µg/L	—	—	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1	µg/L	—	—	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.4	—	—	1	µg/L	—	—	10-3333	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90	—	—	1	µg/L	—	—	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.7	—	—	1	µg/L	—	—	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.29	—	—	1	µg/L	J	J	11-2210	CAPA-11-9535	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	11-237	CAPA-10-26888	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	10-3333	CAPA-10-17747	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.37	—	—	1	µg/L	J	J	10-973	CAPA-10-6765	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.34	—	—	1	µg/L	J	J	09-2215	CAPA-09-9400	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1	µg/L	J	J	11-2210	CAPA-11-9537	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1	µg/L	J	J	11-2210	CAPA-11-9534	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	11-237	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.41	—	—	1	µg/L	J	J	10-3333	CAPA-10-17746	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	10-973	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.32	—	—	1	µg/L	J	J	09-2195	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FB	Voa	SW-846:8260B	Butanone[2-]	—	2.92	—	—	1.3	µg/L	J	J	11-2210	CAPA-11-9539	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.3	µg/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.3	µg/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.3	µg/L	U	U	10-972	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.3	µg/L	U	UJ	09-2196	CAPA-09-9401	GELC
3MAO-2	8471	Single	14.7	04/27/11	WG	UF	CS	FB	Voa	SW-846:8260B	Toluene	—	0.63	—	—	0.25	µg/L	J	J	11-2210	CAPA-11-9539	GELC
3MAO-2	8471	Single	14.7	10/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	µg/L	U	U	11-236	CAPA-10-26889	GELC
3MAO-2	8471	Single	14.7	06/07/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	µg/L	U	U	10-3332	CAPA-10-17746	GELC
3MAO-2	8471	Single	14.7	12/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	µg/L	U	U	10-972	CAPA-10-6767	GELC
3MAO-2	8471	Single	14.7	06/04/09	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	µg/L	U	U	09-2196	CAPA-09-9401	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.6	—	—	0.73	mg/L	—	—	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.1	—	—	0.73	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	0.73	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.6	—	—	0.73	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	0.73	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17	—	—	0.066	mg/L	—	—	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	0.13	mg/L	—	J+	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.8	—	—	0.066	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.9	—	—	0.13	mg/L	—	J+	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.1	—	—	0.066	mg/L	—	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.426	—	—	0.033	mg/L	—	—	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.26	—	—	0.033	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.362	—	—	0.033	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.28	—	—	0.033	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.309	—	—	0.033	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.208	—	—	0.05	mg/L	J	J-	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.72	—	—	0.05	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.09	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.3	—	—	0.05	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.26	—	—	0.05	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.778	—	—	0.05	µg/L	—	—	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.788	—	—	0.05	µg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.846	—	—	0.05	µg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.884	—	—	0.05	µg/L	—	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.947	—	—	0.05	µg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	254	—	—	1	µS/cm	—	—	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	263	—	—	1	µS/cm	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1	µS/cm	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.1	—	—	0.1	mg/L	—	—	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.9	—	—	0.1	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.6	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.3	—	—	0.1	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.8	—	—	0.1	mg/L	—	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.4	mg/L	—	J	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	210	—	—	2.4	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.4	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.4	mg/L	—	—	09-1141	CAPA-09-4089	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	183	—	—	2.4	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	—	05/05/11	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.139	—	—	0.035	mg/L	—	J+	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.116	—	—	0.033	mg/L	—	U	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.299	—	—	0.033	mg/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	—	03/06/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.168	—	—	0.029	mg/L	—	U	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	—	12/10/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.092	—	—	0.029	mg/L	J	J+	09-484	CAPA-09-1106	GELC
Bulldog Spring	—	—	—	05/05/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.36	—	—	0.33	mg/L	—	—	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.15	—	—	0.33	mg/L	—	J	11-95	CAPA-10-26883	GELC
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.84	—	—	0.33	mg/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.92	—	—	0.33	mg/L	—	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.59	—	—	0.33	mg/L	—	—	09-484	CAPA-09-1106	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	0.01	SU	H	J-	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	0.01	SU	H	J-	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	0.01	SU	H	J-	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	05/05/11	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.173	—	—	0.1	µg/L	J	J	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.125	—	—	0.1	µg/L	J	J	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.22	—	—	0.051	µg/L	—	—	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.237	—	—	0.1	µg/L	J	J	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-2,6-dinitrotoluene[4-]	—	0.137	—	—	0.13	µg/L	J	J	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	—	05/05/11	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	0.123	—	—	0.1	µg/L	J	J	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	0.1	µg/L	U	U	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	0.1	—	—	0.05	µg/L	J	J	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	—	0.132	—	—	0.1	µg/L	J	J	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	0.12	µg/L	U	U	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	—	05/05/11	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.58	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.3	—	—	0.1	µg/L	—	—	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	2.9	—	—	0.026	µg/L	—	—	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.88	—	—	0.1	µg/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	2.04	—	—	0.1	µg/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	—	05/05/11	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	4.88	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9530	GELC
Bulldog Spring	—	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	3.65	—	—	0.1	µg/L	—	J	11-94	CAPA-10-26883	GELC
Bulldog Spring	—	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	3.7	—	—	0.059	µg/L	—	J-	10-2411	CAPA-10-12705	STSL
Bulldog Spring	—	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	4.88	—	—	0.1	µg/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	—	06/03/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	2.73	—	—	0.13	µg/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	—	05/05/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.7	—	—	0.053	mg/L	—	—	11-2316	CAPA-11-9531	GELC
Bulldog Spring	—	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45	—	—	0.053	mg/L	—	—	11-95	CAPA-10-26882	GELC
Bulldog Spring	—	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.2	—	—	0.053	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	0.032	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	—	12/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.3	—	—	0.032	mg/L	—	—	09-484	CAPA-09-1107	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.8	—	—	0.73	mg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58	—	—	0.73	mg/L	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.3	—	—	0.73	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	0.73	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.1	—	—	0.73	mg/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.1	—	—	0.13	mg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.7	—	—	0.33	mg/L	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.4	—	—	0.13	mg/L	—	J+	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25	—	—	0.13	mg/L	—	J+	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.8	—	—	0.33	mg/L	—	—	10-3287	CAPA-10-18088	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.149	—	—	0.033	mg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	0.033	mg/L	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.171	—	—	0.033	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.183	—	—	0.033	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.169	—	—	0.033	mg/L	—	J-	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.292	—	—	0.05	µg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.308	—	—	0.05	µg/L	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	0.05	µg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.286	—	—	0.05	µg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.331	—	—	0.05	µg/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	238	—	—	1	µS/cm	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	221	—	—	1	µS/cm	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1	µS/cm	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	222	—	—	1	µS/cm	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	223	—	—	1	µS/cm	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.08	—	—	0.1	mg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.69	—	—	0.1	mg/L	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.16	—	—	0.1	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.77	—	—	0.1	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.72	—	—	0.1	mg/L	—	—	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.4	mg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.4	mg/L	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.4	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.4	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	192	—	—	2.4	mg/L	—	J	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.72	—	—	0.33	mg/L	—	—	11-2109	CAPA-11-9540	GELC
CDBO-6	5281	Single	34	01/24/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.82	—	—	0.33	mg/L	—	—	11-1184	CAPA-11-2951	GELC
CDBO-6	5281	Single	34	10/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.48	—	—	0.33	mg/L	—	—	11-174	CAPA-10-27425	GELC
CDBO-6	5281	Single	34	08/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.5	—	—	0.33	mg/L	—	—	10-3951	CAPA-10-24065	GELC
CDBO-6	5281	Single	34	06/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.36	—	—	0.33	mg/L	—	—	10-3287	CAPA-10-18089	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.227	—	—	0.015	mg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.188	—	—	0.015	mg/L	—	J	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.187	—	—	0.015	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.191	—	—	0.015	mg/L	—	J	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.201	—	—	0.015	mg/L	—	J	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.24	—	—	0.01	SU	H	J-	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.42	—	—	0.01	SU	H	J-	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.68	—	—	0.01	SU	H	J-	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.93	—	—	0.01	SU	H	J-	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	0.01	SU	H	J-	10-3287	CAPA-10-18088	GELC
CDBO-6	5281	Single	34	04/19/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.1	—	—	0.053	mg/L	—	—	11-2109	CAPA-11-9541	GELC
CDBO-6	5281	Single	34	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.9	—	—	0.053	mg/L	—	—	11-1184	CAPA-11-2952	GELC
CDBO-6	5281	Single	34	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58	—	—	0.053	mg/L	—	—	11-174	CAPA-10-27424	GELC
CDBO-6	5281	Single	34	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.2	—	—	0.053	mg/L	—	—	10-3951	CAPA-10-24063	GELC
CDBO-6	5281	Single	34	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.2	—	—	0.053	mg/L	—	—	10-3287	CAPA-10-18088	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	88.8	—	—	0.73	mg/L	—	—	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.9	—	—	0.73	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68	—	—	0.73	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.3	—	—	0.73	mg/L	—	—	09-1141	CAPA-09-4082	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0195	—	—	0.016	mg/L	J	J	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.021	—	—	0.016	mg/L	J	U	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.184	—	—	0.066	mg/L	J	J	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.092	—	—	0.067	mg/L	J	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.5	—	—	0.33	mg/L	—	—	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.2	—	—	0.13	mg/L	—	J+	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.6	—	—	0.33	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.8	—	—	0.13	mg/L	—	J+	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.205	—	—	0.033	mg/L	—	—	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.126	—	—	0.033	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.278	—	—	0.033	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.253	—	—	0.033	mg/L	H	J-	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.154	—	—	0.033	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.6	—	—	0.05	mg/L	—	J-	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	0.05	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.905	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.13	—	—	0.05	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	12/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	0.05	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.984	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.479	—	—	0.05	µg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.474	—	—	0.05	µg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.563	—	—	0.05	µg/L	—	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	348	—	—	1	µS/cm	—	—	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	227	—	—	1	µS/cm	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	245	—	—	1	µS/cm	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	275	—	—	1	µS/cm	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17	—	—	0.1	mg/L	—	—	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.57	—	—	0.1	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.28	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.39	—	—	0.1	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	245	—	—	2.4	mg/L	—	J	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.4	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.4	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.4	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.224	—	—	0.035	mg/L	—	J+	11-2316	CAPA-11-9532	GELC
Kieling Spring	—	—	—	10/08/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.112	—	—	0.033	mg/L	—	U	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	—	09/15/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.242	—	—	0.033	mg/L	—	—	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	—	03/06/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.366	—	—	0.029	mg/L	—	U	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	—	12/10/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.105	—	—	0.029	mg/L	—	J+	09-484	CAPA-09-1100	GELC
Kieling Spring	—	—	—	05/05/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.72	—	—	0.33	mg/L	—	—	11-2316	CAPA-11-9532	GELC
Kieling Spring	—	—	—	10/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.2	—	—	0.33	mg/L	—	J	11-95	CAPA-10-26884	GELC
Kieling Spring	—	—	—	09/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.93	—	—	0.33	mg/L	—	—	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	—	03/06/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.13	—	—	0.33	mg/L	—	J	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	—	12/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.04	—	—	0.33	mg/L	—	—	09-484	CAPA-09-1100	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	0.01	SU	H	J-	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	0.01	SU	H	J-	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	0.01	SU	H	J-	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	0.01	SU	H	J-	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	—	05/05/11	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.924	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9532	GELC
Kieling Spring	—	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.12	—	—	0.1	µg/L	J	J	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.27	—	—	0.026	µg/L	—	—	10-2411	CAPA-10-12706	STSL
Kieling Spring	—	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	HMX	—	0.122	—	—	0.1	µg/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	—	05/05/11	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	3.9	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9532	GELC
Kieling Spring	—	—	—	10/08/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.118	—	—	0.1	µg/L	J	J	11-94	CAPA-10-26884	GELC
Kieling Spring	—	—	—	03/10/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.14	—	—	0.059	µg/L	J	J-	10-2411	CAPA-10-12706	STSL
Kieling Spring	—	—	—	09/15/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.114	—	—	0.1	µg/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	—	05/05/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.1	—	—	0.053	mg/L	—	—	11-2316	CAPA-11-9533	GELC
Kieling Spring	—	—	—	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.1	—	—	0.053	mg/L	—	—	11-95	CAPA-10-26885	GELC
Kieling Spring	—	—	—	09/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.9	—	—	0.053	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	—	03/06/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.1	—	—	0.032	mg/L	—	—	09-1141	CAPA-09-4082	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	38	—	—	0.73	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.8	—	—	0.73	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.9	—	—	0.73	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.4	—	—	0.73	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	0.73	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0437	—	—	0.016	mg/L	J	J	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	0.016	mg/L	J	U	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.018	—	—	0.016	mg/L	J	J-	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.04	—	—	0.016	mg/L	J	U	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	0.05	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.05	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	0.05	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	0.05	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	0.05	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	0.05	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.1	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.9	—	—	0.66	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	52.7	—	—	0.66	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.5	—	—	0.13	mg/L	H	J-	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.6	—	—	0.33	mg/L	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.5	—	—	0.33	mg/L	—	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.177	—	—	0.033	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	0.033	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.172	—	—	0.033	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.112	—	—	0.033	mg/L	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	0.033	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	RE	—	Geninorg	EPA:300.0	Fluoride	—	0.255	—	—	0.033	mg/L	H	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.9	—	—	0.45	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	92.9	—	—	0.35	mg/L	—	—	11-93	CAPA-10-26905	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	0.35	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62	—	—	0.35	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.2	—	—	0.35	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.6	—	—	0.45	mg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	95.3	—	—	0.35	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.8	—	—	0.35	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.1	—	—	0.35	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.9	—	—	0.35	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.06	—	—	0.11	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.45	—	—	0.085	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	0.085	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.85	—	—	0.085	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.2	—	—	0.085	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.03	—	—	0.11	mg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.54	—	—	0.085	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.87	—	—	0.085	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.83	—	—	0.085	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	0.085	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.271	—	—	0.1	mg/L	J	J+	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	0.05	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.445	—	—	0.05	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.223	—	—	0.05	mg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.262	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.279	—	—	0.05	µg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.185	—	—	0.05	µg/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0729	—	—	0.05	µg/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0614	—	—	0.05	µg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0752	—	—	0.05	µg/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.15	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.63	—	—	0.05	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	0.05	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.69	—	—	0.05	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.16	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.72	—	—	0.05	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	0.05	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.75	—	—	0.05	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.4	—	—	0.1	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.1	—	—	0.1	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.4	—	—	0.1	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.4	—	—	0.1	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.9	—	—	0.1	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	26	—	—	0.1	mg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.5	—	—	0.1	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.6	—	—	0.1	mg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	0.1	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	0.1	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	297	—	—	1	µS/cm	—	—	11-2142	CAPA-11-9551	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	365	—	—	1	µS/cm	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	233	—	—	1	µS/cm	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	217	—	—	1	µS/cm	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	244	—	—	1	µS/cm	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.8	—	—	0.1	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.8	—	—	0.1	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.7	—	—	0.1	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.2	—	—	0.1	mg/L	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.7	—	—	0.1	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	216	—	—	2.4	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	241	—	—	2.4	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.4	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.4	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	409	—	—	2.4	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.76	—	—	0.33	mg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.14	—	—	0.33	mg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.13	—	—	0.33	mg/L	—	—	10-2248	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.58	—	—	0.33	mg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	06/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.18	—	—	0.33	mg/L	—	—	09-2178	CAPA-09-9395	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0262	—	—	0.015	mg/L	J	J	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.055	—	—	0.015	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.085	—	—	0.015	mg/L	—	U	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.074	—	—	0.015	mg/L	—	U	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.077	—	—	0.015	mg/L	—	U	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.66	—	—	0.01	SU	H	J-	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.64	—	—	0.01	SU	H	J-	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.38	—	—	0.01	SU	H	J-	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.34	—	—	0.01	SU	H	J-	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.46	—	—	0.01	SU	H	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	355	—	—	68	µg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	115	—	—	68	µg/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	102	—	—	68	µg/L	J	J+	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	138	—	—	68	µg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	817	—	—	68	µg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1040	—	—	68	µg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	218	—	—	68	µg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	159	—	—	68	µg/L	J	J+	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	817	—	—	68	µg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1170	—	—	68	µg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.4	—	—	1	µg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	127	—	—	1	µg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.6	—	—	1	µg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	90	—	—	1	µg/L	N	J+	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.4	—	—	1	µg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	103	—	—	1	µg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	127	—	—	1	µg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	89.5	—	—	1	µg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.7	—	—	1	µg/L	N	J+	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	100	—	—	1	µg/L	—	—	09-3224	CAPA-09-12220	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.1	—	—	15	µg/L	J	J	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	39.4	—	—	15	µg/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	58.1	—	—	15	µg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	57.1	—	—	15	µg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	42.1	—	—	15	µg/L	J	U	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.2	—	—	15	µg/L	J	J	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.1	—	—	15	µg/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	58.5	—	—	15	µg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	58.4	—	—	15	µg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	44.7	—	—	15	µg/L	J	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	159	—	—	30	µg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	67.6	—	—	30	µg/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	57.9	—	—	30	µg/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	73.9	—	—	30	µg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	461	—	—	30	µg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	564	—	—	30	µg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	117	—	—	30	µg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	101	—	—	30	µg/L	—	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	389	—	—	30	µg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	652	—	—	30	µg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.59	—	—	2	µg/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.75	—	—	2	µg/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.78	—	—	2	µg/L	J	J	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2	µg/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.92	—	—	2	µg/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.89	—	—	2	µg/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.8	—	—	2	µg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.518	—	—	0.17	µg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.443	—	—	0.1	µg/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.418	—	—	0.1	µg/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.425	—	—	0.1	µg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.483	—	—	0.1	µg/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.496	—	—	0.17	µg/L	J	J	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.425	—	—	0.1	µg/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.386	—	—	0.1	µg/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.429	—	—	0.1	µg/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.492	—	—	0.1	µg/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.962	—	—	0.5	µg/L	J	J	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	0.5	µg/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	0.5	µg/L	J	J	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.99	—	—	0.5	µg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	0.5	µg/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.972	—	—	0.5	µg/L	J	J	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	0.5	µg/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.946	—	—	0.5	µg/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	0.5	µg/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	0.5	µg/L	J	J	09-3224	CAPA-09-12220	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.7	—	—	0.053	mg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.4	—	—	0.053	mg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.3	—	—	0.053	mg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.5	—	—	0.053	mg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	0.053	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1	µg/L	—	—	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1	µg/L	—	—	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1	µg/L	—	—	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1	µg/L	—	—	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1	µg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1	µg/L	—	—	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1	µg/L	—	—	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1	µg/L	—	—	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1	µg/L	—	—	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1	µg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.71	—	—	3.3	µg/L	J	J	11-2142	CAPA-11-9551	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.24	—	—	3.3	µg/L	J	J	11-93	CAPA-10-26905	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-2249	CAPA-10-12879	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.97	—	—	3.3	µg/L	J	J	10-895	CAPA-10-6759	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.86	—	—	3.3	µg/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	Single	9.7	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.78	—	—	3.3	µg/L	J	J	11-2142	CAPA-11-9550	GELC
PCAO-7c	8531	Single	9.7	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.61	—	—	3.3	µg/L	J	J	11-93	CAPA-10-26906	GELC
PCAO-7c	8531	Single	9.7	03/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.4	—	—	3.3	µg/L	J	J	10-2249	CAPA-10-12876	GELC
PCAO-7c	8531	Single	9.7	12/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.29	—	—	3.3	µg/L	J	J	10-895	CAPA-10-6758	GELC
PCAO-7c	8531	Single	9.7	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.4	—	—	3.3	µg/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	58.5	—	—	0.05	mg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	67.2	—	—	0.05	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	63	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	37.9	—	—	0.03	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.4	—	—	0.03	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	66.5	—	—	0.05	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	59.8	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.4	—	—	0.03	mg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	221	—	—	0.45	mg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	252	—	—	0.35	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	232	—	—	0.35	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	142	—	—	0.35	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	160	—	—	0.35	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	249	—	—	0.35	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	219	—	—	0.35	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	160	—	—	0.35	mg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	18.1	—	—	0.11	mg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	20.4	—	—	0.085	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	18	—	—	0.085	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11.4	—	—	0.085	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.7	—	—	0.085	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	20.1	—	—	0.085	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16.9	—	—	0.085	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.6	—	—	0.085	mg/L	—	—	08-1462	CAPA-08-13131	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.66	—	—	0.05	mg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.31	—	—	0.05	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.2	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.23	—	—	0.05	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.62	—	—	0.05	mg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.21	—	—	0.05	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.73	—	—	0.05	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.77	—	—	0.05	mg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	40.5	—	—	0.1	mg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	54.6	—	—	0.1	mg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	69.9	—	—	0.1	mg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	37	—	—	0.045	mg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.3	—	—	0.045	mg/L	E	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	53.3	—	—	0.1	mg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	66.2	—	—	0.1	mg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	58.2	—	—	0.045	mg/L	E	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	843	—	—	1	µS/cm	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	876	—	—	1	µS/cm	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.88	—	—	0.01	SU	H	J-	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	0.01	SU	H	J-	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	307	—	—	1	µg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	431	—	—	1	µg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	328	—	—	1	µg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	219	—	—	1	µg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	253	—	—	1	µg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	428	—	—	1	µg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	315	—	—	1	µg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	259	—	—	1	µg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.6	—	—	15	µg/L	J	J	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.2	—	—	15	µg/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.9	—	—	15	µg/L	J	J	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	10	µg/L	J	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	37.6	—	—	10	µg/L	J	U	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30.6	—	—	15	µg/L	J	J	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.2	—	—	15	µg/L	J	J	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	38.2	—	—	10	µg/L	J	U	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	60.2	—	—	30	µg/L	J	J	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	403	—	—	30	µg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	36	—	—	25	µg/L	J	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	46.4	—	—	25	µg/L	J	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	384	—	—	30	µg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	719	—	—	25	µg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.17	—	—	2	µg/L	J	J	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.03	—	—	2	µg/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	48.7	—	—	2	µg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	402	—	—	2	µg/L	—	—	08-1462	CAPA-08-13130	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.6	—	—	2	µg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	407	—	—	2	µg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.11	—	—	0.5	µg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.87	—	—	0.5	µg/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	0.5	µg/L	J	J	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.9	—	—	0.5	µg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	µg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	µg/L	J	J	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	µg/L	J	J	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	µg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	414	—	—	1	µg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	501	—	—	1	µg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	457	—	—	1	µg/L	—	—	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	281	—	—	1	µg/L	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	337	—	—	1	µg/L	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	496	—	—	1	µg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	433	—	—	1	µg/L	—	—	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	346	—	—	1	µg/L	—	—	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	µg/L	J	J	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.24	—	—	1	µg/L	J	J	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1	µg/L	J	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.6	—	—	1	µg/L	J	U	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.15	—	—	1	µg/L	J	J	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.8	—	—	1	µg/L	J	U	08-1462	CAPA-08-13131	GELC
PCAO-8	8541	Single	9.7	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.7	—	—	3.3	µg/L	—	—	11-2171	CAPA-11-9553	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	3.3	µg/L	—	—	11-249	CAPA-10-27431	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3343	CAPA-10-17778	GELC
PCAO-8	8541	Single	9.7	09/17/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.2	—	—	2	µg/L	*	J	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.4	—	—	2	µg/L	J	J	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	Single	9.7	10/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15	—	—	3.3	µg/L	—	—	11-249	CAPA-10-27432	GELC
PCAO-8	8541	Single	9.7	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3343	CAPA-10-17777	GELC
PCAO-8	8541	Single	9.7	06/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.4	—	—	2	µg/L	—	—	08-1462	CAPA-08-13131	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.9	—	—	0.73	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49	—	—	0.73	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48	—	—	0.73	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.7	—	—	0.73	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.91	—	—	0.05	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.11	—	—	0.05	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.4	—	—	0.05	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.36	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.11	—	—	0.05	mg/L	—	—	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.11	—	—	0.05	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.68	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.48	—	—	0.066	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	0.066	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.69	—	—	0.066	mg/L	—	J+	10-3957	CAPA-10-24133	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.31	—	—	0.066	mg/L	—	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.215	—	—	0.033	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.171	—	—	0.033	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.226	—	—	0.033	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.16	—	—	0.033	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.4	—	—	0.45	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.2	—	—	0.35	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.6	—	—	0.35	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.6	—	—	0.35	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.2	—	—	0.45	mg/L	—	—	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.1	—	—	0.35	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.9	—	—	0.35	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.23	—	—	0.11	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	0.085	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.09	—	—	0.085	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.12	—	—	0.085	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.29	—	—	0.11	mg/L	—	—	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.26	—	—	0.085	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.24	—	—	0.085	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.067	—	—	0.01	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.117	—	—	0.05	mg/L	J	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	810	—	—	25	mg/L	—	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.102	—	—	0.05	mg/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.183	—	—	0.05	µg/L	J	J	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.177	—	—	0.05	µg/L	J	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.184	—	—	0.05	µg/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.169	—	—	0.05	µg/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.298	—	—	0.05	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.323	—	—	0.05	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.372	—	—	0.05	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.328	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.37	—	—	0.05	mg/L	—	—	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.335	—	—	0.05	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.275	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.1	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.1	mg/L	—	—	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	µS/cm	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	106	—	—	1	µS/cm	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	101	—	—	1	µS/cm	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	107	—	—	1	µS/cm	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.73	—	—	0.1	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.67	—	—	0.1	mg/L	—	U	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.67	—	—	0.1	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.69	—	—	0.1	mg/L	—	—	10-3331	CAPA-10-17848	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	J	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	117	—	—	2.4	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.4	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.567	—	—	0.33	mg/L	J	J	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.656	—	—	0.33	mg/L	J	U	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	08/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.852	—	—	0.33	mg/L	J	J	10-3956	CAPA-10-24132	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	0.01	SU	H	J-	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.46	—	—	0.01	SU	H	J-	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	0.01	SU	H	J-	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	0.01	SU	H	J-	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.04	—	—	1.7	µg/L	J	J	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.96	—	—	1.5	µg/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.24	—	—	1.7	µg/L	J	J	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	4.27	—	—	1	µg/L	J	J	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	5.52	—	—	1	µg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	4.79	—	—	1	µg/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	5.42	—	—	1	µg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	4.63	—	—	1	µg/L	J	J	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5.74	—	—	1	µg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	5.39	—	—	1	µg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.898	—	—	0.17	µg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	0.1	µg/L	—	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.829	—	—	0.1	µg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.859	—	—	0.1	µg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.915	—	—	0.17	µg/L	—	—	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	0.1	µg/L	—	J	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.822	—	—	0.1	µg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.504	—	—	0.5	µg/L	J	J	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.536	—	—	0.5	µg/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	0.5	µg/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.627	—	—	0.5	µg/L	J	J	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	0.053	mg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.5	—	—	0.053	mg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	0.053	mg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	0.053	mg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.6	—	—	1	µg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1	µg/L	—	—	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.1	—	—	1	µg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1	µg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.4	—	—	1	µg/L	—	—	11-2336	CAPA-11-9283	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1	µg/L	—	—	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.8	—	—	1	µg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.352	—	—	0.067	µg/L	—	—	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.332	—	—	0.05	µg/L	—	U	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.383	—	—	0.05	µg/L	—	—	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.285	—	—	0.05	µg/L	—	—	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.397	—	—	0.067	µg/L	—	—	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.373	—	—	0.05	µg/L	—	U	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.281	—	—	0.05	µg/L	—	—	10-3331	CAPA-10-17850	GELC
PCI-2	8851	Single	512	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.58	—	—	1	µg/L	J	J	11-2336	CAPA-11-9284	GELC
PCI-2	8851	Single	512	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.61	—	—	1	µg/L	J	J	11-108	CAPA-10-26959	GELC
PCI-2	8851	Single	512	08/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.21	—	—	1	µg/L	J	J	10-3957	CAPA-10-24133	GELC
PCI-2	8851	Single	512	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.78	—	—	1	µg/L	J	J	10-3331	CAPA-10-17848	GELC
PCI-2	8851	Single	512	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.28	—	—	1	µg/L	J	J	11-2336	CAPA-11-9283	GELC
PCI-2	8851	Single	512	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.88	—	—	1	µg/L	J	J	11-108	CAPA-10-26957	GELC
PCI-2	8851	Single	512	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.69	—	—	1	µg/L	J	J	10-3331	CAPA-10-17850	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.7	—	—	0.73	mg/L	—	—	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.7	—	—	0.73	mg/L	—	—	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.2	—	—	0.73	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.4	—	—	0.73	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.2	—	—	0.73	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.4	—	—	0.73	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0311	—	—	0.016	mg/L	J	J	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0427	—	—	0.016	mg/L	J	J	11-2316	CAPA-11-9525	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	21.1	—	—	0.13	mg/L	—	—	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.1	—	—	0.13	mg/L	—	—	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.5	—	—	0.13	mg/L	—	J+	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.6	—	—	0.33	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.5	—	—	0.13	mg/L	—	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:300.0	Chloride	—	14.7	—	—	0.066	mg/L	—	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.387	—	—	0.033	mg/L	—	—	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.391	—	—	0.033	mg/L	—	—	11-2316	CAPA-11-9525	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.201	—	—	0.033	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	0.033	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.134	—	—	0.033	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.165	—	—	0.033	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.46	—	—	0.05	mg/L	—	J-	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.51	—	—	0.05	mg/L	—	J-	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.416	—	—	0.05	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.414	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0919	—	—	0.01	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.176	—	—	0.05	mg/L	J	J	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.581	—	—	0.05	µg/L	—	—	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.586	—	—	0.05	µg/L	—	—	11-2316	CAPA-11-9525	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.511	—	—	0.05	µg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.47	—	—	0.05	µg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	0.05	µg/L	—	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.289	—	—	0.05	µg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	267	—	—	1	µS/cm	—	—	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	263	—	—	1	µS/cm	—	—	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	239	—	—	1	µS/cm	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	259	—	—	1	µS/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	µS/cm	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	14.1	—	—	0.1	mg/L	—	—	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.4	—	—	0.1	mg/L	—	—	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	0.1	mg/L	—	—	11-95	CAPA-10-26873	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.94	—	—	0.1	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.64	—	—	0.1	mg/L	—	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	205	—	—	2.4	mg/L	—	J	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.4	mg/L	—	J	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.4	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.4	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.4	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.152	—	—	0.035	mg/L	—	J+	11-2316	CAPA-11-9526	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.109	—	—	0.035	mg/L	—	J+	11-2316	CAPA-11-9524	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.179	—	—	0.033	mg/L	—	J	11-95	CAPA-10-26874	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.516	—	—	0.033	mg/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.234	—	—	0.029	mg/L	—	U	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	3.06	—	—	0.33	mg/L	—	—	11-2316	CAPA-11-9526	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.04	—	—	0.33	mg/L	—	—	11-2316	CAPA-11-9524	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.39	—	—	0.33	mg/L	—	J	11-95	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.8	—	—	0.33	mg/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.12	—	—	0.33	mg/L	—	J	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.69	—	—	0.33	mg/L	—	—	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	0.01	SU	H	J-	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	0.01	SU	H	J-	11-95	CAPA-10-26873	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	0.01	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	—	—	0.01	SU	H	J-	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	FD	Hexp	SW-846:8321A	HMX	—	3.15	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9526	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.14	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9524	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	2.11	—	—	0.1	µg/L	—	—	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/10/10	WS	UF	CS	—	Hexp	SW-846:8321A	HMX	—	3.9	—	—	0.026	µg/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-846:8321A	HMX	—	1.87	—	—	0.1	µg/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-846:8321A	HMX	—	0.941	—	—	0.1	µg/L	—	J	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	FD	Hexp	SW-846:8321A	RDX	—	4.22	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9526	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	4.56	—	—	0.1	µg/L	—	—	11-2316	CAPA-11-9524	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	1.87	—	—	0.1	µg/L	—	J	11-94	CAPA-10-26874	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/10/10	WS	UF	CS	—	Hexp	SW-846:8321A	RDX	—	3	—	—	0.059	µg/L	—	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	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-846:8321A	RDX	—	1.94	—	—	0.1	µg/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-846:8321A	RDX	—	0.763	—	—	0.13	µg/L	—	—	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	47.6	—	—	0.053	mg/L	—	—	11-2316	CAPA-11-9527	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	05/05/11	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.9	—	—	0.053	mg/L	—	—	11-2316	CAPA-11-9525	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	10/08/10	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.5	—	—	0.053	mg/L	—	—	11-95	CAPA-10-26873	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	09/15/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.3	—	—	0.053	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	03/06/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.3	—	—	0.032	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	—	12/10/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.6	—	—	0.032	mg/L	—	—	09-484	CAPA-09-1074	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.4	—	—	0.73	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.9	—	—	0.73	mg/L	—	—	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	0.73	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	0.73	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.5	—	—	0.73	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.8	—	—	0.05	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.82	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.81	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.19	—	—	0.05	mg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.8	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.74	—	—	0.066	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.85	—	—	0.066	mg/L	—	J	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	0.066	mg/L	—	—	11-243	CAPA-10-26962	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	0.066	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.79	—	—	0.066	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.196	—	—	0.033	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.173	—	—	0.033	mg/L	—	—	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.23	—	—	0.033	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	0.033	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	0.033	mg/L	—	J-	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	0.45	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	0.35	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	0.35	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.3	—	—	0.35	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	0.35	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.2	—	—	0.45	mg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	0.35	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.4	—	—	0.35	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	0.35	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.35	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	0.11	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.085	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.11	mg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.085	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	0.085	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.281	—	—	0.1	mg/L	J	J	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.183	—	—	0.05	mg/L	J	J	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.338	—	—	0.05	mg/L	—	J	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.212	—	—	0.05	mg/L	J	J	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.295	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.259	—	—	0.05	µg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.278	—	—	0.05	µg/L	—	—	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	0.05	µg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.268	—	—	0.05	µg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.271	—	—	0.05	µg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.48	—	—	0.05	mg/L	—	J	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	0.05	mg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.1	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	11-243	CAPA-10-26962	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.1	mg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.1	mg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1	µS/cm	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1	µS/cm	—	—	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	µS/cm	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1	µS/cm	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1	µS/cm	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.86	—	—	0.1	mg/L	—	J+	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.02	—	—	0.1	mg/L	—	—	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.13	—	—	0.1	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.09	—	—	0.1	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.15	—	—	0.1	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.4	mg/L	—	—	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.4	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	J	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.4	mg/L	—	J	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	0.01	SU	H	J-	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	0.01	SU	H	J-	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J-	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.9	—	—	1	µg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1	µg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.5	—	—	1	µg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.1	—	—	1	µg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1	µg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.1	—	—	1	µg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1	µg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.3	—	—	1	µg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.5	—	—	1	µg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.8	—	—	1	µg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.71	—	—	2	µg/L	J	J	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.02	—	—	2.5	µg/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	2.5	µg/L	J	J	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.5	µg/L	J	J	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.81	—	—	2	µg/L	J	J	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.32	—	—	2.5	µg/L	J	J	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.5	µg/L	J	J	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.5	µg/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	0.17	µg/L	—	—	11-2212	CAPA-11-9287	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.54	—	—	0.1	µg/L	—	J	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	0.1	µg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.22	—	—	0.1	µg/L	—	U	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	0.1	µg/L	—	J	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.17	µg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	0.1	µg/L	—	J	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.1	µg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.26	—	—	0.1	µg/L	—	U	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	0.1	µg/L	—	J	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.667	—	—	0.5	µg/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.895	—	—	0.5	µg/L	J	J	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	0.5	µg/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.65	—	—	0.5	µg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.604	—	—	0.5	µg/L	J	J	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.736	—	—	0.5	µg/L	J	J	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.7	—	—	0.5	µg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	0.5	µg/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.734	—	—	0.5	µg/L	J	J	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.4	—	—	0.053	mg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	01/20/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	79.6	—	—	0.053	mg/L	—	—	11-1160	CAPA-11-2983	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72	—	—	0.053	mg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	0.053	mg/L	—	—	10-4002	CAPA-10-24092	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	0.053	mg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41.1	—	—	1	µg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.5	—	—	1	µg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1	µg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.8	—	—	1	µg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1	µg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.9	—	—	1	µg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1	µg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1	µg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.8	—	—	1	µg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.5	—	—	1	µg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	0.067	µg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.502	—	—	0.05	µg/L	—	—	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.63	—	—	0.05	µg/L	—	—	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	0.05	µg/L	—	—	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.547	—	—	0.05	µg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.455	—	—	0.067	µg/L	—	—	11-2212	CAPA-11-9288	GELC
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.552	—	—	0.05	µg/L	—	—	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.644	—	—	0.05	µg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.499	—	—	0.05	µg/L	—	—	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.543	—	—	0.05	µg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7031	P1A	1057	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.72	—	—	1	µg/L	—	—	11-2212	CAPA-11-9287	GELC
R-17	7031	P1A	1057	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.62	—	—	1	µg/L	J	J	11-243	CAPA-10-26962	GELC
R-17	7031	P1A	1057	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1	µg/L	J	J	10-3404	CAPA-10-17589	GELC
R-17	7031	P1A	1057	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1	µg/L	J	J	10-2375	CAPA-10-12797	GELC
R-17	7031	P1A	1057	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.41	—	—	1	µg/L	—	—	10-976	CAPA-10-6171	GELC
R-17	7031	P1A	1057	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.68	—	—	1	µg/L	—	—	11-2212	CAPA-11-9288	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7031	P1A	1057	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1	µg/L	J	J	11-243	CAPA-10-26961	GELC
R-17	7031	P1A	1057	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.25	—	—	1	µg/L	—	—	10-3404	CAPA-10-17586	GELC
R-17	7031	P1A	1057	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.89	—	—	1	µg/L	J	J	10-2375	CAPA-10-12798	GELC
R-17	7031	P1A	1057	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.71	—	—	1	µg/L	—	—	10-976	CAPA-10-6173	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	0.73	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.8	—	—	0.73	mg/L	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	0.73	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.5	—	—	0.73	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.7	—	—	0.73	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	0.05	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.01	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.04	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.07	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.46	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.96	—	—	0.05	mg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.26	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.13	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.17	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2	—	—	0.066	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.62	—	—	0.066	mg/L	—	J	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.67	—	—	0.066	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.76	—	—	0.066	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	0.066	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	0.033	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.162	—	—	0.033	mg/L	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.18	—	—	0.033	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.183	—	—	0.033	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.137	—	—	0.033	mg/L	—	J-	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	0.45	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	0.35	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	0.35	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	0.35	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.2	—	—	0.35	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	0.45	mg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.1	—	—	0.35	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.1	—	—	0.35	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.1	—	—	0.35	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	0.35	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	0.11	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	0.085	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.085	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.085	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	0.085	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.11	mg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	0.085	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	0.085	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	0.085	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.085	mg/L	—	—	10-976	CAPA-10-6175	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.147	—	—	0.1	mg/L	J	J	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.299	—	—	0.05	mg/L	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.395	—	—	0.05	mg/L	—	J	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.311	—	—	0.05	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.322	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.26	—	—	0.05	µg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.269	—	—	0.05	µg/L	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	0.05	µg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.282	—	—	0.05	µg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.258	—	—	0.05	µg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	J	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.33	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.51	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	0.05	mg/L	—	J	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	0.05	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	0.05	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	0.05	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	0.05	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.1	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.82	—	—	0.1	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	0.1	mg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	0.1	mg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.83	—	—	0.1	mg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1	µS/cm	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1	µS/cm	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	µS/cm	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	115	—	—	1	µS/cm	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1	µS/cm	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.16	—	—	0.1	mg/L	—	J+	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.74	—	—	0.1	mg/L	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.78	—	—	0.1	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	0.1	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.8	—	—	0.1	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.4	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.4	mg/L	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	J	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	J	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.491	—	—	0.33	mg/L	J	J	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	01/20/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.37	—	—	0.33	mg/L	J	J	11-1157	CAPA-11-2984	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-242	CAPA-10-26963	GELC
R-17	7041	P2A	1124	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.01	—	—	0.33	mg/L	—	—	10-4001	CAPA-10-24097	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-3403	CAPA-10-17591	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.86	—	—	0.01	SU	H	J-	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	0.01	SU	H	J-	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.1	—	—	1	µg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1	µg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.1	—	—	1	µg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.4	—	—	1	µg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1	µg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1	µg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.1	—	—	1	µg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1	µg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.2	—	—	1	µg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	1	µg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.85	—	—	3	µg/L	J	J	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	124	—	—	30	µg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	76	—	—	30	µg/L	J	J	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	39	—	—	30	µg/L	J	J	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.17	µg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	0.1	µg/L	—	J	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	0.1	µg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.15	—	—	0.1	µg/L	—	U	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.14	—	—	0.1	µg/L	—	J	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	0.17	µg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	0.1	µg/L	—	J	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.1	µg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.16	—	—	0.1	µg/L	—	U	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	0.1	µg/L	—	J	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.39	—	—	0.5	µg/L	J	J	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-2375	CAPA-10-12800	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	µg/L	J	J	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.38	—	—	0.5	µg/L	J	J	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.712	—	—	0.5	µg/L	J	J	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.631	—	—	0.5	µg/L	J	J	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.5	—	—	0.053	mg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	01/20/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78	—	—	0.053	mg/L	—	—	11-1157	CAPA-11-2986	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.6	—	—	0.053	mg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76	—	—	0.053	mg/L	—	—	10-4002	CAPA-10-24096	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	78.4	—	—	0.053	mg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.7	—	—	1	µg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.7	—	—	1	µg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.1	—	—	1	µg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.1	—	—	1	µg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.2	—	—	1	µg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.6	—	—	1	µg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44	—	—	1	µg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.2	—	—	1	µg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1	µg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44	—	—	1	µg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.489	—	—	0.067	µg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.453	—	—	0.05	µg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.546	—	—	0.05	µg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.423	—	—	0.05	µg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.472	—	—	0.05	µg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.469	—	—	0.067	µg/L	—	—	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.484	—	—	0.05	µg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.552	—	—	0.05	µg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.446	—	—	0.05	µg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.461	—	—	0.05	µg/L	—	—	10-976	CAPA-10-6175	GELC
R-17	7041	P2A	1124	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.31	—	—	1	µg/L	—	—	11-2212	CAPA-11-9291	GELC
R-17	7041	P2A	1124	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.54	—	—	1	µg/L	—	—	11-243	CAPA-10-26964	GELC
R-17	7041	P2A	1124	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.75	—	—	1	µg/L	—	—	10-3404	CAPA-10-17590	GELC
R-17	7041	P2A	1124	03/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.56	—	—	1	µg/L	—	—	10-2375	CAPA-10-12800	GELC
R-17	7041	P2A	1124	12/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.49	—	—	1	µg/L	—	—	10-976	CAPA-10-6176	GELC
R-17	7041	P2A	1124	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.72	—	—	1	µg/L	J	J	11-2212	CAPA-11-9289	GELC
R-17	7041	P2A	1124	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.83	—	—	1	µg/L	—	—	11-243	CAPA-10-26963	GELC
R-17	7041	P2A	1124	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.58	—	—	1	µg/L	—	—	10-3404	CAPA-10-17591	GELC
R-17	7041	P2A	1124	03/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.44	—	—	1	µg/L	—	—	10-2375	CAPA-10-12801	GELC
R-17	7041	P2A	1124	12/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.05	—	—	1	µg/L	—	—	10-976	CAPA-10-6175	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.4	—	—	0.73	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.9	—	—	0.73	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	0.73	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.2	—	—	0.73	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.1	—	—	0.73	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.6	—	—	0.73	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.0769	—	—	0.066	mg/L	J	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-237	CAPA-10-27417	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	UJ	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.05	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.05	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.05	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	0.05	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.72	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.03	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.05	mg/L	—	—	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.77	—	—	0.05	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.96	—	—	0.05	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.64	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.03	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.74	—	—	0.066	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.39	—	—	0.066	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	0.066	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.17	—	—	0.066	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.28	—	—	0.066	mg/L	—	J-	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.32	—	—	0.066	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.124	—	—	0.033	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.126	—	—	0.033	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.121	—	—	0.033	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.111	—	—	0.033	mg/L	—	J-	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.258	—	—	0.033	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	0.033	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	38.8	—	—	0.45	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	0.45	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.35	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.35	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.1	—	—	0.35	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	0.35	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.45	mg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	0.45	mg/L	—	—	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	0.35	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	0.35	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	0.35	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.35	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.36	—	—	0.11	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	0.11	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	0.085	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	0.085	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	0.085	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	0.11	mg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.56	—	—	0.11	mg/L	—	—	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	0.085	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	0.085	mg/L	—	—	10-2422	CAPA-10-12807	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	0.085	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.626	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.621	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.7	—	—	0.05	mg/L	—	J	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.625	—	—	0.05	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	0.05	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.227	—	—	0.05	µg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.233	—	—	0.05	µg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	0.05	µg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.216	—	—	0.05	µg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.247	—	—	0.05	µg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	0.05	µg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.27	—	—	0.05	mg/L	—	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.3	—	—	0.05	mg/L	—	J	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	0.05	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	0.05	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.18	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.09	—	—	0.05	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	0.05	mg/L	—	J	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	0.05	mg/L	—	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.16	—	—	0.05	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.19	—	—	0.05	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.07	—	—	0.05	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	8.52	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.67	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.65	—	—	0.1	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.88	—	—	0.1	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.58	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.71	—	—	0.045	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	9.01	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.07	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.44	—	—	0.1	mg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.81	—	—	0.1	mg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.38	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.46	—	—	0.045	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1	µS/cm	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	112	—	—	1	µS/cm	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	µS/cm	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	µS/cm	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	µS/cm	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1	µS/cm	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	2.05	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.09	—	—	0.1	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2	—	—	0.1	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.9	—	—	0.1	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12170	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	0.1	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	112	—	—	2.4	mg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	113	—	—	2.4	mg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	113	—	—	2.4	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	118	—	—	2.4	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	99	—	—	2.4	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	109	—	—	2.4	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.628	—	—	0.33	mg/L	J	J	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.586	—	—	0.33	mg/L	J	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.628	—	—	0.33	mg/L	J	J	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.804	—	—	0.33	mg/L	J	J	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.676	—	—	0.33	mg/L	J	J	09-3215	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.646	—	—	0.33	mg/L	J	J	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0194	—	—	0.015	mg/L	J	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0177	—	—	0.015	mg/L	J	J	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.046	—	—	0.015	mg/L	J	U	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.066	—	—	0.015	mg/L	—	U	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.076	—	—	0.015	mg/L	—	U	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.019	—	—	0.015	mg/L	J	U	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.61	—	—	0.01	SU	H	J-	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.74	—	—	0.01	SU	H	J-	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J-	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	0.01	SU	H	J-	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	0.01	SU	H	J-	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	0.01	SU	H	J-	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Hexp	SW-846:8321A	RDX	—	1.18	—	—	0.1	µg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	1.18	—	—	0.1	µg/L	—	—	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.8	—	—	0.1	µg/L	—	—	11-236	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.893	—	—	0.1	µg/L	H	J-	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.617	—	—	0.1	µg/L	—	—	09-3215	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Hexp	SW-846:8321A	RDX	—	0.557	—	—	0.13	µg/L	—	—	09-2078	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Hexp	SW-846:8321A	Trinitrobenzene[1,3,5-]	—	0.128	—	—	0.1	µg/L	J	J	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Hexp	SW-846:8321A	Trinitrobenzene[1,3,5-]	—	0.127	—	—	0.1	µg/L	J	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Hexp	SW-846:8321A	Trinitrobenzene[1,3,5-]	<	0.325	—	—	0.1	µg/L	U	U	11-236	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Hexp	SW-846:8321A	Trinitrobenzene[1,3,5-]	—	0.114	—	—	0.1	µg/L	HJ	J-	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Hexp	SW-846:8321A	Trinitrobenzene[1,3,5-]	<	0.325	—	—	0.1	µg/L	U	U	09-3215	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Hexp	SW-846:8321A	Trinitrobenzene[1,3,5-]	<	0.325	—	—	0.1	µg/L	U	U	09-2078	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	83.3	—	—	68	µg/L	J	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	91.5	—	—	68	µg/L	J	J	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	104	—	—	68	µg/L	J	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	18.5	—	—	1	µg/L	—	—	11-2159	CAPA-11-9295	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.9	—	—	1	µg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.3	—	—	1	µg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1	µg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	µg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1	µg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	µg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.6	—	—	1	µg/L	—	—	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	µg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	µg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.7	—	—	1	µg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1	µg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.499	—	—	0.17	µg/L	J	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.462	—	—	0.17	µg/L	J	J	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.473	—	—	0.1	µg/L	J	U	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.495	—	—	0.1	µg/L	J	J	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.489	—	—	0.1	µg/L	J	U	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.48	—	—	0.1	µg/L	J	J	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.504	—	—	0.17	µg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.498	—	—	0.17	µg/L	J	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.477	—	—	0.1	µg/L	J	U	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.508	—	—	0.1	µg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.554	—	—	0.1	µg/L	—	U	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.454	—	—	0.1	µg/L	J	J	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.753	—	—	0.5	µg/L	J	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.666	—	—	0.5	µg/L	J	J	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.722	—	—	0.5	µg/L	J	J	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.689	—	—	0.5	µg/L	J	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.504	—	—	0.5	µg/L	J	J	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	56	—	—	0.053	mg/L	—	J+	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.3	—	—	0.053	mg/L	—	J+	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.3	—	—	0.053	mg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.5	—	—	0.053	mg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58	—	—	0.053	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	0.032	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	47.8	—	—	1	µg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.7	—	—	1	µg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1	µg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1	µg/L	—	—	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.8	—	—	1	µg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1	µg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	51.3	—	—	1	µg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.6	—	—	1	µg/L	—	—	11-2159	CAPA-11-9292	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.9	—	—	1	µg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.5	—	—	1	µg/L	—	—	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1	µg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.8	—	—	1	µg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.456	—	—	0.067	µg/L	—	—	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.427	—	—	0.067	µg/L	—	—	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.364	—	—	0.05	µg/L	—	—	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.475	—	—	0.05	µg/L	N	J+	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.48	—	—	0.05	µg/L	—	U	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.423	—	—	0.05	µg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.442	—	—	0.067	µg/L	—	—	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.431	—	—	0.067	µg/L	—	—	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.365	—	—	0.05	µg/L	—	—	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.494	—	—	0.05	µg/L	N	J+	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.482	—	—	0.05	µg/L	—	U	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.38	—	—	0.05	µg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.55	—	—	1	µg/L	J	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.58	—	—	1	µg/L	J	J	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.81	—	—	1	µg/L	J	J	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.9	—	—	1	µg/L	J	J	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.39	—	—	1	µg/L	J	J	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.04	—	—	1	µg/L	J	U	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.09	—	—	1	µg/L	J	J	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.65	—	—	1	µg/L	J	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.44	—	—	1	µg/L	J	J	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.84	—	—	1	µg/L	J	J	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.45	—	—	1	µg/L	J	J	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.9	—	—	1	µg/L	J	U	09-2077	CAPA-09-9404	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	3.63	—	—	3.3	µg/L	J	J	11-2159	CAPA-11-9295	GELC
R-18	5861	Single	1358	04/22/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.38	—	—	3.3	µg/L	J	J	11-2159	CAPA-11-9293	GELC
R-18	5861	Single	1358	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-237	CAPA-10-27417	GELC
R-18	5861	Single	1358	03/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-2422	CAPA-10-12806	GELC
R-18	5861	Single	1358	09/14/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	09-3216	CAPA-09-12170	GELC
R-18	5861	Single	1358	05/28/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	µg/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	4.14	—	—	3.3	µg/L	J	J	11-2159	CAPA-11-9296	GELC
R-18	5861	Single	1358	04/22/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.33	—	—	3.3	µg/L	J	J	11-2159	CAPA-11-9292	GELC
R-18	5861	Single	1358	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-237	CAPA-10-27415	GELC
R-18	5861	Single	1358	03/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-2422	CAPA-10-12807	GELC
R-18	5861	Single	1358	09/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	Single	1358	05/28/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	µg/L	U	U	09-2077	CAPA-09-9404	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.9	—	—	0.73	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.2	—	—	0.73	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.7	—	—	0.73	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.9	—	—	0.73	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71	—	—	0.73	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	0.05	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	0.05	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.05	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 ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.05	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.05	mg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	0.05	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	0.05	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	0.05	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.92	—	—	0.066	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.78	—	—	0.066	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.72	—	—	0.066	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.54	—	—	0.066	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.62	—	—	0.066	mg/L	H	J	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.567	—	—	0.033	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.503	—	—	0.033	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.518	—	—	0.033	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.488	—	—	0.033	mg/L	—	J-	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.735	—	—	0.033	mg/L	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.5	—	—	0.45	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.6	—	—	0.35	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.2	—	—	0.35	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.7	—	—	0.35	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	0.35	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55	—	—	0.45	mg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.2	—	—	0.35	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.3	—	—	0.35	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.8	—	—	0.35	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.3	—	—	0.35	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	0.11	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	0.085	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	0.085	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.085	mg/L	—	J	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.1	—	—	0.11	mg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.085	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	0.085	mg/L	—	J	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.321	—	—	0.05	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.365	—	—	0.05	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.349	—	—	0.05	mg/L	—	J+	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.492	—	—	0.05	mg/L	—	J	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.327	—	—	0.05	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.339	—	—	0.05	µg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.344	—	—	0.05	µg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.381	—	—	0.05	µg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	0.05	µg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.35	—	—	0.05	µg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.983	—	—	0.05	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.05	—	—	0.05	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.991	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17573	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.01	—	—	0.05	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.02	—	—	0.05	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.02	—	—	0.05	mg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.08	—	—	0.05	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	0.05	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.991	—	—	0.05	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	0.1	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	0.1	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	0.1	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	0.1	mg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	0.1	mg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.1	mg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.1	mg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1	µS/cm	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1	µS/cm	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1	µS/cm	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1	µS/cm	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1	µS/cm	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.56	—	—	0.1	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	0.1	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.22	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	0.1	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.19	—	—	0.1	mg/L	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	162	—	—	2.4	mg/L	—	J	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.4	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.4	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.354	—	—	0.33	mg/L	J	J	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.36	—	—	0.33	mg/L	J	J	11-177	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.439	—	—	0.33	mg/L	J	J	10-2183	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	0.01	SU	H	J-	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	0.01	SU	H	J-	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	0.01	SU	H	J-	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.37	—	—	0.01	SU	H	J-	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.39	—	—	0.01	SU	H	J-	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1	µg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1	µg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26	—	—	1	µg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1	µg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1	µg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	1	µg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.3	—	—	1	µg/L	—	—	11-178	CAPA-10-26954	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.9	—	—	1	µg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1	µg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1	µg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	15	µg/L	J	J	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15	—	—	15	µg/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	15	µg/L	J	J	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.45	—	—	2.5	µg/L	J	J	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.06	—	—	2.5	µg/L	J	J	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.98	—	—	2.5	µg/L	J	U	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.02	—	—	2.5	µg/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.18	—	—	2	µg/L	J	J	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.81	—	—	2.5	µg/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.5	µg/L	J	J	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.48	—	—	2.5	µg/L	J	U	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.01	—	—	2.5	µg/L	J	J	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.35	—	—	0.17	µg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	0.1	µg/L	—	J	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	0.1	µg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	0.1	µg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.36	—	—	0.1	µg/L	—	J	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.17	µg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.1	µg/L	—	J	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	0.1	µg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	0.1	µg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	0.1	µg/L	—	J	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.689	—	—	0.5	µg/L	J	J	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.593	—	—	0.5	µg/L	J	U	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.51	—	—	0.5	µg/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.682	—	—	0.5	µg/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.638	—	—	0.5	µg/L	J	J	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.46	—	—	0.5	µg/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.655	—	—	0.5	µg/L	J	U	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.727	—	—	0.5	µg/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68	—	—	0.053	mg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.4	—	—	0.053	mg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.7	—	—	0.053	mg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.4	—	—	0.053	mg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	0.053	mg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.2	—	—	1	µg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.3	—	—	1	µg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	74.2	—	—	1	µg/L	—	—	10-3306	CAPA-10-17573	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.2	—	—	1	µg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.5	—	—	1	µg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.7	—	—	1	µg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	69.6	—	—	1	µg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.9	—	—	1	µg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74.2	—	—	1	µg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.7	—	—	1	µg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.311	—	—	0.067	µg/L	—	—	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.279	—	—	0.05	µg/L	—	—	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.214	—	—	0.05	µg/L	—	—	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	0.05	µg/L	—	—	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.285	—	—	0.05	µg/L	—	—	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.299	—	—	0.067	µg/L	—	—	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.311	—	—	0.05	µg/L	—	—	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.221	—	—	0.05	µg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.284	—	—	0.05	µg/L	—	—	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.287	—	—	0.05	µg/L	—	—	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.72	—	—	1	µg/L	J	J	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.93	—	—	1	µg/L	J	J	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.96	—	—	1	µg/L	J	J	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.23	—	—	1	µg/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.26	—	—	1	µg/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.94	—	—	1	µg/L	J	J	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.32	—	—	1	µg/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.72	—	—	1	µg/L	J	J	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.16	—	—	1	µg/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.26	—	—	1	µg/L	J	J	10-824	CAPA-10-6108	GELC
R-19	232	MP2A	909.3	05/12/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.32	—	—	3.3	µg/L	J	J	11-2407	CAPA-11-9565	GELC
R-19	232	MP2A	909.3	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.13	—	—	3.3	µg/L	J	J	11-178	CAPA-10-26956	GELC
R-19	232	MP2A	909.3	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3306	CAPA-10-17573	GELC
R-19	232	MP2A	909.3	02/25/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.08	—	—	3.3	µg/L	J	J	10-2184	CAPA-10-12793	GELC
R-19	232	MP2A	909.3	12/03/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4	—	—	3.3	µg/L	J	J	10-824	CAPA-10-6107	GELC
R-19	232	MP2A	909.3	05/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.38	—	—	3.3	µg/L	J	J	11-2407	CAPA-11-9564	GELC
R-19	232	MP2A	909.3	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.42	—	—	3.3	µg/L	J	J	11-178	CAPA-10-26954	GELC
R-19	232	MP2A	909.3	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	57.2	—	—	3.3	µg/L	—	—	10-3306	CAPA-10-17572	GELC
R-19	232	MP2A	909.3	02/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.12	—	—	3.3	µg/L	J	J	10-2184	CAPA-10-12794	GELC
R-19	232	MP2A	909.3	12/03/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-824	CAPA-10-6108	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	0.73	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.8	—	—	0.73	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	0.73	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	0.73	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.1	—	—	0.73	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.21	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2969	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	0.066	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	0.066	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	0.066	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.68	—	—	0.066	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.59	—	—	0.066	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.353	—	—	0.033	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.311	—	—	0.033	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.318	—	—	0.033	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.314	—	—	0.033	mg/L	—	J-	10-2184	CAPA-10-12809	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.511	—	—	0.033	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.5	—	—	0.45	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	0.45	mg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.35	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.9	—	—	0.35	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	0.35	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.9	—	—	0.45	mg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	0.45	mg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.9	—	—	0.35	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.1	—	—	0.35	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.2	—	—	0.35	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.79	—	—	0.11	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.14	—	—	0.11	mg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	0.085	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	0.085	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	0.085	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.11	mg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	0.11	mg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	0.085	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.257	—	—	0.1	mg/L	J	J	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.281	—	—	0.05	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.28	—	—	0.05	mg/L	—	J+	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.306	—	—	0.05	mg/L	—	J	10-2184	CAPA-10-12809	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.278	—	—	0.05	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.228	—	—	0.05	µg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.242	—	—	0.05	µg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.246	—	—	0.05	µg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	0.05	µg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	0.05	µg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.24	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	0.05	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	0.05	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.21	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.13	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9578	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.23	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	0.05	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.28	—	—	0.05	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.19	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.59	—	—	0.1	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.7	—	—	0.1	mg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	0.1	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	0.1	mg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.39	—	—	0.1	mg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.98	—	—	0.1	mg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1	µS/cm	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1	µS/cm	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1	µS/cm	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	0.1	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.91	—	—	0.1	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.88	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	0.1	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.82	—	—	0.1	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.4	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.82	—	—	0.1	mg/L	—	U	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.4	mg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.4	mg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	J	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.4	mg/L	—	—	10-2184	CAPA-10-12809	GELC
R-19	282	MP3A	1190.7	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.4	mg/L	—	—	10-809	CAPA-10-6274	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	0.01	SU	H	J-	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	0.01	SU	H	J-	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	0.01	SU	H	J-	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.3	—	—	1	µg/L	—	J	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.2	—	—	1	µg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.6	—	—	1	µg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1	µg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.7	—	—	1	µg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1	µg/L	—	J	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.3	—	—	1	µg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.1	—	—	1	µg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.7	—	—	1	µg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18	—	—	1	µg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.1	—	—	2	µg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.45	—	—	2	µg/L	J	J	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.7	—	—	2	µg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.16	—	—	2	µg/L	J	J	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.8	—	—	2	µg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.1	—	—	2	µg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.98	—	—	2	µg/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16	—	—	2	µg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.7	—	—	2	µg/L	—	—	10-3306	CAPA-10-17593	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	0.17	µg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	0.17	µg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.02	—	—	0.1	µg/L	—	U	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.996	—	—	0.1	µg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	0.1	µg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.13	—	—	0.17	µg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.97	—	—	0.17	µg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.04	—	—	0.1	µg/L	—	U	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.994	—	—	0.1	µg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	0.1	µg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.96	—	—	0.5	µg/L	J	J	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.703	—	—	0.5	µg/L	J	J	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.678	—	—	0.5	µg/L	J	J	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.737	—	—	0.5	µg/L	J	U	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.559	—	—	0.5	µg/L	J	J	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4	—	—	0.5	µg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	0.5	µg/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.636	—	—	0.5	µg/L	J	J	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.644	—	—	0.5	µg/L	J	U	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1	µg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1	µg/L	—	—	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.3	—	—	1	µg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.9	—	—	1	µg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1	µg/L	—	—	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.1	—	—	1	µg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.7	—	—	1	µg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.9	—	—	1	µg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.1	—	—	1	µg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1	µg/L	—	—	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.249	—	—	0.067	µg/L	—	—	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.387	—	—	0.067	µg/L	—	U	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.269	—	—	0.05	µg/L	—	—	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.283	—	—	0.05	µg/L	—	—	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.197	—	—	0.05	µg/L	J	J	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.266	—	—	0.067	µg/L	—	—	11-2379	CAPA-11-9578	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.272	—	—	0.067	µg/L	—	U	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.277	—	—	0.05	µg/L	—	—	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.264	—	—	0.05	µg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.193	—	—	0.05	µg/L	J	J	10-3306	CAPA-10-17593	GELC
R-19	282	MP3A	1190.7	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	84.5	—	—	3.3	µg/L	—	J	11-2379	CAPA-11-9580	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.56	—	—	3.3	µg/L	J	J	11-1180	CAPA-11-2967	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.99	—	—	3.3	µg/L	J	J	11-178	CAPA-10-27367	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.91	—	—	3.3	µg/L	J	J	10-3929	CAPA-10-24098	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3306	CAPA-10-17594	GELC
R-19	282	MP3A	1190.7	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.3	—	—	3.3	µg/L	—	—	11-1180	CAPA-11-2969	GELC
R-19	282	MP3A	1190.7	10/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.22	—	—	3.3	µg/L	J	J	11-178	CAPA-10-27366	GELC
R-19	282	MP3A	1190.7	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	34.7	—	—	3.3	µg/L	—	—	10-3929	CAPA-10-24099	GELC
R-19	282	MP3A	1190.7	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17	—	—	3.3	µg/L	—	—	10-3306	CAPA-10-17593	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.3	—	—	0.73	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.5	—	—	0.73	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.7	—	—	0.73	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.5	—	—	0.73	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	0.73	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0217	—	—	0.016	mg/L	J	J	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.023	—	—	0.016	mg/L	J	J	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.76	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.73	—	—	0.05	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.75	—	—	0.05	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.44	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.25	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.8	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.23	—	—	0.05	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.25	—	—	0.05	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.66	—	—	0.066	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.57	—	—	0.066	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.62	—	—	0.066	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	0.066	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	0.066	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.214	—	—	0.033	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.188	—	—	0.033	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.197	—	—	0.033	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.2	—	—	0.033	mg/L	—	J-	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.433	—	—	0.033	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.4	—	—	0.45	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	0.45	mg/L	—	—	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.5	—	—	0.35	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	0.35	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.8	—	—	0.35	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.7	—	—	0.45	mg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.1	—	—	0.45	mg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.4	—	—	0.35	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.7	—	—	0.35	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	0.35	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.15	—	—	0.11	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	0.11	mg/L	—	—	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.6	—	—	0.085	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.69	—	—	0.085	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	0.085	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	0.11	mg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	0.11	mg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	0.085	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	0.085	mg/L	—	—	10-3932	CAPA-10-24102	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	0.085	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.411	—	—	0.1	mg/L	J	J	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	793	—	—	10	mg/L	—	J	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.38	—	—	0.05	mg/L	—	J+	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.378	—	—	0.05	mg/L	—	J	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.349	—	—	0.05	mg/L	—	J	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.258	—	—	0.05	µg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.256	—	—	0.05	µg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.305	—	—	0.05	µg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.272	—	—	0.05	µg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.264	—	—	0.05	µg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	0.05	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	0.05	mg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	0.05	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	0.05	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	0.05	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.1	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.78	—	—	0.1	mg/L	—	—	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.45	—	—	0.1	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.53	—	—	0.1	mg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.23	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.68	—	—	0.1	mg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.91	—	—	0.1	mg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.89	—	—	0.1	mg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.93	—	—	0.1	mg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.56	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	108	—	—	1	µS/cm	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1	µS/cm	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1	µS/cm	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.67	—	—	0.1	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.53	—	—	0.1	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.48	—	—	0.1	mg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.49	—	—	0.1	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	<	1.61	—	—	0.1	mg/L	—	U	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.4	mg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.4	mg/L	—	J	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	02/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.4	mg/L	—	—	10-2184	CAPA-10-12814	GELC
R-19	352	MP4A	1412.9	12/02/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	10-809	CAPA-10-6343	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	0.01	SU	H	J-	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	0.01	SU	H	J-	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1	µg/L	—	J	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.9	—	—	1	µg/L	—	—	11-1180	CAPA-11-2971	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.7	—	—	1	µg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25	—	—	1	µg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.2	—	—	1	µg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.9	—	—	1	µg/L	—	J	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1	µg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1	µg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1	µg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.6	—	—	1	µg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15	—	—	15	µg/L	J	J	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	32.3	—	—	30	µg/L	J	J	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.14	—	—	2	µg/L	J	J	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.92	—	—	2	µg/L	J	J	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.977	—	—	0.17	µg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	0.17	µg/L	—	—	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	0.1	µg/L	—	J	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.943	—	—	0.1	µg/L	—	—	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	0.1	µg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.986	—	—	0.17	µg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.17	µg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.918	—	—	0.1	µg/L	—	U	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	0.1	µg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	0.1	µg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1	µg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.8	—	—	1	µg/L	—	—	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1	µg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1	µg/L	—	—	10-3932	CAPA-10-24104	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1	µg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.1	—	—	1	µg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.4	—	—	1	µg/L	—	—	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.8	—	—	1	µg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.1	—	—	1	µg/L	—	—	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.4	—	—	1	µg/L	—	—	10-3306	CAPA-10-17598	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.289	—	—	0.067	µg/L	—	—	11-2379	CAPA-11-9583	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.336	—	—	0.067	µg/L	—	U	11-1180	CAPA-11-2971	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.371	—	—	0.05	µg/L	—	—	11-165	CAPA-10-27371	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.316	—	—	0.05	µg/L	—	U	10-3932	CAPA-10-24104	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.231	—	—	0.05	µg/L	—	—	10-3306	CAPA-10-17600	GELC
R-19	352	MP4A	1412.9	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.314	—	—	0.067	µg/L	—	—	11-2379	CAPA-11-9582	GELC
R-19	352	MP4A	1412.9	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.303	—	—	0.067	µg/L	—	U	11-1180	CAPA-11-2973	GELC
R-19	352	MP4A	1412.9	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	0.05	µg/L	—	—	11-165	CAPA-10-27369	GELC
R-19	352	MP4A	1412.9	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.341	—	—	0.05	µg/L	—	U	10-3932	CAPA-10-24102	GELC
R-19	352	MP4A	1412.9	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.241	—	—	0.05	µg/L	—	—	10-3306	CAPA-10-17598	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.03	—	—	0.73	mg/L	H	J-	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	2.02	—	—	0.73	mg/L	H	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	2.02	—	—	0.73	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	0.73	mg/L	U	U	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	3.2	—	—	0.73	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.8	—	—	0.73	mg/L	H	J-	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63	—	—	0.73	mg/L	H	J-	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.7	—	—	0.73	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.5	—	—	0.73	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.9	—	—	0.73	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0519	—	—	0.016	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.052	—	—	0.016	mg/L	—	J-	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.016	—	—	0.016	mg/L	J	J-	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.081	—	—	0.016	mg/L	—	U	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	0.05	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	0.05	mg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.05	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	0.05	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.48	—	—	0.066	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.5	—	—	0.066	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.47	—	—	0.066	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.3	—	—	0.066	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.28	—	—	0.066	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.215	—	—	0.033	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.242	—	—	0.033	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.25	—	—	0.033	mg/L	—	—	11-229	CAPA-10-27374	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.26	—	—	0.033	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.228	—	—	0.033	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43	—	—	0.45	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	0.45	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	0.35	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	0.35	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	0.35	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	0.45	mg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	0.45	mg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.35	mg/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	0.35	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.8	—	—	0.35	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.42	—	—	0.11	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.31	—	—	0.11	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.09	—	—	0.085	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.3	—	—	0.085	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.24	—	—	0.085	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.34	—	—	0.11	mg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.25	—	—	0.11	mg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.25	—	—	0.085	mg/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.17	—	—	0.085	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.33	—	—	0.085	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.071	—	—	0.05	µg/L	J	J	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.189	—	—	0.05	µg/L	J	J	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.174	—	—	0.05	µg/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.185	—	—	0.05	µg/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.166	—	—	0.05	µg/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.7	—	—	0.05	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	0.05	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	0.05	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	0.05	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	0.05	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	0.05	mg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.68	—	—	0.05	mg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	0.05	mg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.63	—	—	0.05	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	0.05	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	0.1	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	0.1	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	0.1	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	0.1	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	0.1	mg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	0.1	mg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.1	mg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.1	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.1	mg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1	µS/cm	—	—	11-1227	CAPA-11-3006	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.72	—	—	0.1	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.1	—	—	0.1	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.35	—	—	0.1	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.44	—	—	0.1	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.55	—	—	0.1	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	122	—	—	2.4	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	J	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	J	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.616	—	—	0.33	mg/L	J	J	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.593	—	—	0.33	mg/L	J	J	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.915	—	—	0.33	mg/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.1	—	—	0.33	mg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.416	—	—	0.33	mg/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.44	—	—	0.01	SU	H	J-	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.31	—	—	0.01	SU	H	J-	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.02	—	—	—	permil	—	—	11-2117	CAPA-11-9309	EES6
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.5017768	—	—	—	permil	—	—	11-228	CAPA-10-27373	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.42	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.83	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	03/13/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.17510408	—	—	—	permil	—	—	10-2455	CAPA-10-12817	EES6
R-20	8441	P1A	904.6	03/13/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.84044714	—	—	—	permil	—	—	10-2455	CAPA-10-12817	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.04	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.21	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.743589241	—	—	—	permil	—	—	11-228	CAPA-10-27374	EES6
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.88	—	—	—	permil	—	—	10-3426	CAPA-10-17604	EES6
R-20	8441	P1A	904.6	03/13/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.05	—	—	—	permil	—	—	10-2455	CAPA-10-12816	EES6
R-20	8441	P1A	904.6	03/13/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.17	—	—	—	permil	—	—	10-2455	CAPA-10-12816	EES6
R-20	8441	P1A	904.6	12/01/09	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.73	—	—	—	permil	—	—	10-748	CAPA-10-6375	EES6
R-20	8441	P1A	904.6	12/01/09	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.01	—	—	—	permil	—	—	10-748	CAPA-10-6375	EES6
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.4	—	—	—	permil	—	—	11-2117	CAPA-11-9309	EES6
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.25927109	—	—	—	permil	—	—	11-228	CAPA-10-27373	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.11	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	06/15/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	—	permil	—	—	10-3426	CAPA-10-17601	EES6
R-20	8441	P1A	904.6	03/13/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.31	—	—	—	permil	—	—	10-2455	CAPA-10-12817	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.38	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	12/01/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	permil	—	—	10-748	CAPA-10-6373	EES6
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.82	—	—	1.7	µg/L	J	J	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.25	—	—	1.7	µg/L	J	J	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	83.7	—	—	1	µg/L	—	—	11-2116	CAPA-11-9310	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	81.4	—	—	1	µg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.7	—	—	1	µg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	92.7	—	—	1	µg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	83.3	—	—	1	µg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	82.9	—	—	1	µg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	80.6	—	—	1	µg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	89.4	—	—	1	µg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	90.5	—	—	1	µg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.1	—	—	1	µg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	15	µg/L	J	J	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	15	µg/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	15	µg/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	15	µg/L	J	J	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.4	—	—	15	µg/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	15	µg/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	U	UJ	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.53	—	—	2.5	µg/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.05	—	—	2	µg/L	J	J	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	U	UJ	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.87	—	—	2.5	µg/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	120	—	—	30	µg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	41.7	—	—	30	µg/L	J	J	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.7	—	—	30	µg/L	J	J	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	34.1	—	—	30	µg/L	J	J	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	21.3	—	—	2	µg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11	—	—	2	µg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	21	—	—	2	µg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	25.1	—	—	2	µg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	24.4	—	—	2	µg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21	—	—	2	µg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.6	—	—	2	µg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.2	—	—	2	µg/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	25.2	—	—	2	µg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	28.3	—	—	2	µg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.17	µg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	0.17	µg/L	—	U	11-1227	CAPA-11-3006	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.38	—	—	0.1	µg/L	—	U	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	0.1	µg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.46	—	—	0.1	µg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	0.17	µg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.39	—	—	0.17	µg/L	—	U	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	0.1	µg/L	—	U	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.1	µg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	0.1	µg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.752	—	—	0.5	µg/L	J	J	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.63	—	—	0.5	µg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	µg/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	0.5	µg/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.23	—	—	0.5	µg/L	J	J	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.82	—	—	0.5	µg/L	J	J	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.93	—	—	0.5	µg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	0.5	µg/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.21	—	—	0.5	µg/L	J	J	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	0.5	µg/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.6	—	—	0.053	mg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69	—	—	0.053	mg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.1	—	—	0.053	mg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.8	—	—	0.053	mg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	0.053	mg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1	µg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	148	—	—	1	µg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	142	—	—	1	µg/L	E	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1	µg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1	µg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	152	—	—	1	µg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1	µg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	152	—	—	1	µg/L	E	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	147	—	—	1	µg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1	µg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.385	—	—	0.067	µg/L	—	—	11-2116	CAPA-11-9310	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.09	—	—	0.067	µg/L	—	—	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.649	—	—	0.05	µg/L	—	—	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.702	—	—	0.05	µg/L	—	—	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.818	—	—	0.05	µg/L	—	—	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.397	—	—	0.067	µg/L	—	—	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.09	—	—	0.067	µg/L	—	—	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.647	—	—	0.05	µg/L	—	—	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.695	—	—	0.05	µg/L	—	—	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.789	—	—	0.05	µg/L	—	—	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.55	—	—	3.3	µg/L	J	J	11-1227	CAPA-11-3006	GELC
R-20	8441	P1A	904.6	10/20/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	3.3	µg/L	J	J	11-229	CAPA-10-27374	GELC
R-20	8441	P1A	904.6	08/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.21	—	—	3.3	µg/L	J	J	10-3985	CAPA-10-24107	GELC
R-20	8441	P1A	904.6	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3427	CAPA-10-17604	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.11	—	—	3.3	µg/L	J	J	11-2116	CAPA-11-9309	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.2	—	—	3.3	µg/L	—	—	11-1227	CAPA-11-3007	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8441	P1A	904.6	10/20/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.67	—	—	3.3	µg/L	J	J	11-229	CAPA-10-27373	GELC
R-20	8441	P1A	904.6	08/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3985	CAPA-10-24105	GELC
R-20	8441	P1A	904.6	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.51	—	—	3.3	µg/L	J	J	10-3427	CAPA-10-17601	GELC
R-20	8441	P1A	904.6	04/20/11	WG	UF	CS	FTB	Voa	SW-846:8260B	Toluene	—	0.39	—	—	0.25	µg/L	J	J	11-2116	CAPA-11-9311	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	µg/L	U	U	11-1227	CAPA-11-3007	GELC
R-20	8441	P1A	904.6	01/27/11	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.4	—	—	0.25	µg/L	J	J	11-1227	CAPA-11-3484	GELC
R-20	8441	P1A	904.6	01/26/11	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.26	—	—	0.25	µg/L	J	J	11-1227	CAPA-11-3479	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.7	—	—	0.73	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.8	—	—	0.73	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.4	—	—	0.73	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	0.73	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.1	—	—	0.73	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0262	—	—	0.016	mg/L	J	J	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-1182	CAPA-11-3009	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.086	—	—	0.016	mg/L	—	J-	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.077	—	—	0.016	mg/L	—	U	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.085	—	—	0.016	mg/L	—	U	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	0.05	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.05	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	0.05	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	0.05	mg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.05	mg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.05	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	0.05	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.93	—	—	0.066	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	<	1.79	—	—	0.066	mg/L	—	U	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	0.066	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	0.066	mg/L	—	J+	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.87	—	—	0.066	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.289	—	—	0.033	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.209	—	—	0.033	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	0.033	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	0.033	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	0.033	mg/L	—	J-	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.5	—	—	0.45	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	0.45	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	0.35	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.4	—	—	0.35	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50	—	—	0.45	mg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39	—	—	0.45	mg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.8	—	—	0.35	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	0.35	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	0.11	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.35	—	—	0.11	mg/L	—	—	11-1182	CAPA-11-7311	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.48	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.47	—	—	0.085	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	0.085	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.11	mg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.42	—	—	0.11	mg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.55	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.51	—	—	0.085	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.67	—	—	0.085	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.228	—	—	0.1	mg/L	J	J+	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.222	—	—	0.05	mg/L	J	J	11-1182	CAPA-11-3009	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.235	—	—	0.05	mg/L	J	J	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.194	—	—	0.05	mg/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.228	—	—	0.05	mg/L	J	J	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.189	—	—	0.05	µg/L	J	J	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	0.05	µg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.21	—	—	0.05	µg/L	—	J+	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.174	—	—	0.05	µg/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.169	—	—	0.05	µg/L	J	J	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	0.05	mg/L	—	J	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	0.05	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	0.05	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	0.05	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	0.05	mg/L	—	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	0.05	mg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.31	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	0.05	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	0.05	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.1	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.1	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.1	mg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	0.1	mg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.1	mg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	138	—	—	1	µS/cm	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1	µS/cm	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.85	—	—	0.1	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	0.1	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.74	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.85	—	—	0.1	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	0.1	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.4	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.4	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	10-3925	CAPA-10-24109	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	H	J	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.51	—	—	0.33	mg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.18	—	—	0.33	mg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.5	—	—	0.33	mg/L	—	—	11-127	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.03	—	—	0.33	mg/L	—	—	10-3924	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.21	—	—	0.33	mg/L	—	—	10-3287	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	0.01	SU	H	J-	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	0.01	SU	H	J-	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.35	—	—	—	permil	—	—	11-2169	CAPA-11-9314	EES6
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.54	—	—	—	permil	—	—	11-124	CAPA-10-27377	EES6
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.14527128	—	—	—	permil	—	—	10-3289	CAPA-10-17607	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.79303652	—	—	—	permil	—	—	10-2109	CAPA-10-12823	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	UF	DUP	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.92862904	—	—	—	permil	—	—	10-2109	CAPA-10-12823	EES6
R-20	8451	P2A	1147.1	09/03/09	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.11	—	—	—	permil	—	—	09-3146	CAPA-09-12265	EES6
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.66	—	—	—	permil	—	—	11-124	CAPA-10-27375	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	16.31	—	—	—	permil	—	—	10-2109	CAPA-10-12820	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	F	DUP	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	14.96	—	—	—	permil	—	—	10-2109	CAPA-10-12820	EES6
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.33	—	—	—	permil	—	—	11-2169	CAPA-11-9314	EES6
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	permil	—	—	11-124	CAPA-10-27377	EES6
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.29	—	—	—	permil	—	—	10-3289	CAPA-10-17607	EES6
R-20	8451	P2A	1147.1	06/01/10	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.93	—	—	—	permil	—	—	10-3289	CAPA-10-17607	EES6
R-20	8451	P2A	1147.1	02/24/10	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.02	—	—	—	permil	—	—	10-2109	CAPA-10-12823	EES6
R-20	8451	P2A	1147.1	09/03/09	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.15	—	—	—	permil	—	—	09-3146	CAPA-09-12265	EES6
R-20	8451	P2A	1147.1	09/03/09	WG	UF	DUP	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.15	—	—	—	permil	—	—	09-3146	CAPA-09-12265	EES6
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	70.4	—	—	68	µg/L	J	J	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	82.4	—	—	68	µg/L	J	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	185	—	—	1	µg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	155	—	—	1	µg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	166	—	—	1	µg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	173	—	—	1	µg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	202	—	—	1	µg/L	E	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	199	—	—	1	µg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	158	—	—	1	µg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	168	—	—	1	µg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	177	—	—	1	µg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	190	—	—	1	µg/L	E	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.6	—	—	15	µg/L	J	J	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	29.3	—	—	15	µg/L	J	J	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.7	—	—	15	µg/L	J	J	11-2171	CAPA-11-9314	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.6	—	—	15	µg/L	J	J	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	30.2	—	—	30	µg/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	47.7	—	—	30	µg/L	J	J	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	38.6	—	—	30	µg/L	J	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	30.7	—	—	30	µg/L	J	J	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	50.1	—	—	30	µg/L	J	J	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	53.3	—	—	30	µg/L	J	J	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	75.3	—	—	2	µg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	38.5	—	—	2	µg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	63.7	—	—	2	µg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	65.9	—	—	2	µg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	78.4	—	—	2	µg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	80.7	—	—	2	µg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	39.4	—	—	2	µg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	64.2	—	—	2	µg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	67.8	—	—	2	µg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	69.6	—	—	2	µg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	0.17	µg/L	—	J	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	0.17	µg/L	—	J	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.49	—	—	0.1	µg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.75	—	—	0.1	µg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	0.17	µg/L	—	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	0.17	µg/L	—	J	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	0.1	µg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.81	—	—	0.1	µg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.13	—	—	0.5	µg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.96	—	—	0.5	µg/L	J	J	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.81	—	—	0.5	µg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.73	—	—	0.5	µg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.73	—	—	0.5	µg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.42	—	—	0.5	µg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.71	—	—	0.5	µg/L	J	J	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.75	—	—	0.5	µg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.89	—	—	0.5	µg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.07	—	—	0.5	µg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.5	—	—	0.053	mg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	79	—	—	0.053	mg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	0.053	mg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72	—	—	0.053	mg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	0.053	mg/L	—	—	10-3287	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	210	—	—	1	µg/L	—	—	11-2171	CAPA-11-9312	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1	µg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	200	—	—	1	µg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	210	—	—	1	µg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	232	—	—	1	µg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	225	—	—	1	µg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	180	—	—	1	µg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	204	—	—	1	µg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	214	—	—	1	µg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	228	—	—	1	µg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.393	—	—	0.067	µg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.635	—	—	0.067	µg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.552	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.397	—	—	0.05	µg/L	—	—	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.609	—	—	0.05	µg/L	—	—	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.417	—	—	0.067	µg/L	—	—	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.664	—	—	0.067	µg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.519	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.409	—	—	0.05	µg/L	—	—	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.597	—	—	0.05	µg/L	—	—	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.14	—	—	1	µg/L	—	—	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.24	—	—	1	µg/L	—	—	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.72	—	—	1	µg/L	J	J	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.45	—	—	1	µg/L	J	J	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1	µg/L	J	J	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.93	—	—	1	µg/L	J	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.15	—	—	1	µg/L	—	—	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.99	—	—	1	µg/L	J	J	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.56	—	—	1	µg/L	J	J	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.02	—	—	1	µg/L	J	J	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.03	—	—	3.3	µg/L	J	J	11-2171	CAPA-11-9312	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1182	CAPA-11-7311	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-128	CAPA-10-27375	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3925	CAPA-10-24109	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.1	—	—	3.3	µg/L	J	J	10-3288	CAPA-10-17605	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.41	—	—	3.3	µg/L	J	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1182	CAPA-11-7312	GELC
R-20	8451	P2A	1147.1	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-128	CAPA-10-27377	GELC
R-20	8451	P2A	1147.1	07/30/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3925	CAPA-10-24110	GELC
R-20	8451	P2A	1147.1	06/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3288	CAPA-10-17607	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.34	—	—	0.25	µg/L	J	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.59	—	—	0.25	µg/L	J	J	11-1182	CAPA-11-3010	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.51	—	—	0.25	µg/L	J	J	11-1175	CAPA-11-3489	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.55	—	—	0.25	µg/L	J	J	11-1173	CAPA-11-3483	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.49	—	—	0.25	µg/L	J	J	11-1173	CAPA-11-3476	GELC
R-20	8451	P2A	1147.1	04/25/11	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.52	—	—	0.5	µg/L	J	J	11-2171	CAPA-11-9314	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.63	—	—	0.5	µg/L	J	J	11-1182	CAPA-11-3010	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.67	—	—	0.5	µg/L	J	J	11-1175	CAPA-11-3489	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.76	—	—	0.5	µg/L	J	J	11-1173	CAPA-11-3483	GELC
R-20	8451	P2A	1147.1	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.88	—	—	0.5	µg/L	J	J	11-1173	CAPA-11-3476	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	0.73	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	0.73	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61	—	—	0.73	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.5	—	—	0.73	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56	—	—	0.73	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	0.05	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.05	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	0.05	mg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.8	—	—	0.066	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.77	—	—	0.066	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.83	—	—	0.066	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	0.066	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.74	—	—	0.066	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	0.033	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.229	—	—	0.033	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.235	—	—	0.033	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.197	—	—	0.033	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	0.033	mg/L	—	J-	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.9	—	—	0.45	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	0.45	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.5	—	—	0.35	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	0.35	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	0.35	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	0.45	mg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.2	—	—	0.45	mg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	0.35	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.7	—	—	0.35	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	0.35	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	0.11	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.11	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.1	—	—	0.085	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	0.085	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.11	mg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.11	mg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	0.085	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	0.085	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.2	—	—	0.01	mg/L	—	J-	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.312	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.368	—	—	0.05	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.34	—	—	0.05	mg/L	—	—	10-4113	CAPA-10-24114	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.342	—	—	0.05	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.281	—	—	0.05	µg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.295	—	—	0.05	µg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.281	—	—	0.05	µg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	0.05	µg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	0.05	µg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	0.05	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	0.05	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	0.05	mg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	0.05	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	0.05	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	0.05	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.93	—	—	0.1	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.5	—	—	0.1	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	0.1	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.8	—	—	0.1	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.84	—	—	0.1	mg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.58	—	—	0.1	mg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1	µS/cm	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1	µS/cm	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1	µS/cm	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	126	—	—	1	µS/cm	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1	µS/cm	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.01	—	—	0.1	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.04	—	—	0.1	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.05	—	—	0.1	mg/L	—	J	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2	—	—	0.1	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.05	—	—	0.1	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.4	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.4	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	J	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.462	—	—	0.33	mg/L	J	J	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.513	—	—	0.33	mg/L	J	J	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.41	—	—	0.33	mg/L	J	U	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.559	—	—	0.33	mg/L	J	J	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	0.01	SU	H	J-	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	0.01	SU	H	J-	11-108	CAPA-10-27381	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	0.01	SU	H	J-	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.4	—	—	1	µg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14	—	—	1	µg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.1	—	—	1	µg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1	µg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1	µg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1	µg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.1	—	—	1	µg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15	—	—	1	µg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1	µg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.7	—	—	1	µg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	15	µg/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	15	µg/L	J	J	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	15	µg/L	J	J	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.57	—	—	2	µg/L	J	J	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	UN	UJ	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.93	—	—	2.5	µg/L	J	J	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.45	—	—	2.5	µg/L	J	J	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.13	—	—	2.5	µg/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	2	µg/L	J	J	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	UN	UJ	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.04	—	—	2.5	µg/L	J	J	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.01	—	—	2.5	µg/L	J	J	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.25	—	—	2.5	µg/L	J	J	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.4	—	—	30	µg/L	J	J	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	36.7	—	—	30	µg/L	J	J	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	38.8	—	—	30	µg/L	J	U	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.74	—	—	2	µg/L	J	J	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.33	—	—	2	µg/L	J	J	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.65	—	—	2	µg/L	J	J	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.24	—	—	2	µg/L	J	J	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.82	—	—	2	µg/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.39	—	—	2	µg/L	J	J	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.43	—	—	2	µg/L	J	J	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.7	—	—	2	µg/L	J	J	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.25	—	—	2	µg/L	J	J	10-4113	CAPA-10-24115	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.33	—	—	2	µg/L	J	J	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.19	—	—	0.17	µg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.53	—	—	0.17	µg/L	—	U	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	0.1	µg/L	—	J	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	0.1	µg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	0.1	µg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.17	µg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.36	—	—	0.17	µg/L	—	U	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	0.1	µg/L	—	J	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	0.1	µg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.41	—	—	0.1	µg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.796	—	—	0.5	µg/L	J	J	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.522	—	—	0.5	µg/L	J	J	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.12	—	—	0.5	µg/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.798	—	—	0.5	µg/L	J	J	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.505	—	—	0.5	µg/L	J	J	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	0.053	mg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.6	—	—	0.053	mg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	77.3	—	—	0.053	mg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.5	—	—	0.053	mg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.1	—	—	0.053	mg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.6	—	—	1	µg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.3	—	—	1	µg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.3	—	—	1	µg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.5	—	—	1	µg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.6	—	—	1	µg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.4	—	—	1	µg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.5	—	—	1	µg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.2	—	—	1	µg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1	µg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1	µg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.687	—	—	0.45	µg/L	J	J	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	2	—	—	0.45	µg/L	U	U	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	µg/L	U	U	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	µg/L	U	U	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	µg/L	U	U	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	1.56	—	—	0.45	µg/L	J	J	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	2	—	—	0.45	µg/L	U	U	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	µg/L	U	U	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	µg/L	U	U	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.419	—	—	0.3	µg/L	J	J	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.314	—	—	0.067	µg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.361	—	—	0.067	µg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.367	—	—	0.05	µg/L	—	U	11-108	CAPA-10-27381	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.369	—	—	0.05	µg/L	—	—	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.404	—	—	0.05	µg/L	—	—	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.338	—	—	0.067	µg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.343	—	—	0.067	µg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.355	—	—	0.05	µg/L	—	U	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.384	—	—	0.05	µg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.398	—	—	0.05	µg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.14	—	—	1	µg/L	—	—	11-2109	CAPA-11-9316	GELC
R-21	1761	Single	888.8	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.17	—	—	1	µg/L	—	—	11-1225	CAPA-11-3011	GELC
R-21	1761	Single	888.8	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.38	—	—	1	µg/L	—	—	11-108	CAPA-10-27381	GELC
R-21	1761	Single	888.8	08/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.74	—	—	1	µg/L	J	J	10-4113	CAPA-10-24114	GELC
R-21	1761	Single	888.8	06/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.91	—	—	1	µg/L	J	J	10-3397	CAPA-10-17673	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.11	—	—	1	µg/L	—	—	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.45	—	—	1	µg/L	—	—	11-1225	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.59	—	—	1	µg/L	—	—	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1	µg/L	—	—	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.51	—	—	1	µg/L	—	—	10-3397	CAPA-10-17672	GELC
R-21	1761	Single	888.8	04/19/11	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	7.38	—	—	2.1	µg/L	J	J	11-2109	CAPA-11-9315	GELC
R-21	1761	Single	888.8	01/27/11	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.8	—	—	2.2	µg/L	U	U	11-1226	CAPA-11-3013	GELC
R-21	1761	Single	888.8	10/11/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	12.3	—	—	2.5	µg/L	U	U	11-108	CAPA-10-27382	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.3	—	—	2.1	µg/L	U	U	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	08/11/10	WG	UF	RE	—	Svoa	SW-846:8270C	Diethylphthalate	—	8.08	—	—	2	µg/L	J	J	10-4113	CAPA-10-24115	GELC
R-21	1761	Single	888.8	06/11/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2	µg/L	U	U	10-3397	CAPA-10-17672	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.3	—	—	0.73	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.2	—	—	0.73	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.2	—	—	0.73	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.5	—	—	0.73	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.05	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.05	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.55	—	—	0.066	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.48	—	—	0.066	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.59	—	—	0.066	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.53	—	—	0.066	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.291	—	—	0.033	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.327	—	—	0.033	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.361	—	—	0.033	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.364	—	—	0.033	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.1	—	—	0.45	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	56.1	—	—	0.45	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.3	—	—	0.35	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	56.5	—	—	0.35	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.7	—	—	0.45	mg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	0.45	mg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.9	—	—	0.35	mg/L	—	—	11-243	CAPA-10-27384	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4	—	—	0.11	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.86	—	—	0.11	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.13	—	—	0.085	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.02	—	—	0.085	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.12	—	—	0.11	mg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.11	—	—	0.11	mg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.06	—	—	0.085	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.13	—	—	0.1	mg/L	—	J-	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.1	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.37	—	—	0.05	mg/L	—	J	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.18	—	—	0.05	mg/L	—	J+	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.449	—	—	0.05	µg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.482	—	—	0.05	µg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.44	—	—	0.05	µg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.488	—	—	0.05	µg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	0.05	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1	µS/cm	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	170	—	—	1	µS/cm	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1	µS/cm	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	168	—	—	1	µS/cm	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.17	—	—	0.1	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.27	—	—	0.1	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.29	—	—	0.1	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.2	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.4	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.73	—	—	0.33	mg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.62	—	—	0.33	mg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-242	CAPA-10-27384	GELC
R-23	1771	Single	816	08/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.461	—	—	0.33	mg/L	J	J	10-4141	CAPA-10-24119	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	0.01	SU	H	J-	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	0.01	SU	H	J-	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	10-4141	CAPA-10-24117	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1	µg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1	µg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.1	—	—	1	µg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1	µg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1	µg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.9	—	—	1	µg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1	µg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	15	µg/L	J	J	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	15	µg/L	J	J	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	15	µg/L	J	J	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	15	µg/L	J	J	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.9	—	—	2	µg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.9	—	—	2	µg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.1	—	—	2	µg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	0.17	µg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.76	—	—	0.17	µg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.12	—	—	0.1	µg/L	—	J	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.89	—	—	0.1	µg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.53	—	—	0.17	µg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.92	—	—	0.17	µg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.09	—	—	0.1	µg/L	—	J	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.746	—	—	0.5	µg/L	J	J	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	1.61	—	—	0.5	µg/L	J	U	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.79	—	—	0.5	µg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.947	—	—	0.5	µg/L	J	J	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.41	—	—	0.5	µg/L	—	J	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60	—	—	0.053	mg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65	—	—	0.053	mg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	0.053	mg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.4	—	—	0.053	mg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.8	—	—	1	µg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.6	—	—	1	µg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.1	—	—	1	µg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1	µg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.2	—	—	1	µg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	83.9	—	—	1	µg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82	—	—	1	µg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.411	—	—	0.067	µg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.488	—	—	0.067	µg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.473	—	—	0.05	µg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.511	—	—	0.05	µg/L	—	—	10-4141	CAPA-10-24117	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	0.067	µg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.458	—	—	0.067	µg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.45	—	—	0.05	µg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.19	—	—	1	µg/L	—	—	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.06	—	—	1	µg/L	—	—	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.78	—	—	1	µg/L	—	—	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.13	—	—	1	µg/L	—	—	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.62	—	—	1	µg/L	—	—	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.65	—	—	1	µg/L	—	—	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1	µg/L	—	—	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	22	—	—	3.3	µg/L	—	J	11-2091	CAPA-11-9586	GELC
R-23	1771	Single	816	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1198	CAPA-11-2977	GELC
R-23	1771	Single	816	10/22/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.7	—	—	3.3	µg/L	J	U	11-243	CAPA-10-27385	GELC
R-23	1771	Single	816	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-4141	CAPA-10-24117	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	7.3	—	—	3.3	µg/L	J	U	11-243	CAPA-10-27384	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Svoa	SW-846:8270C	Chrysene	—	0.295	—	—	0.21	µg/L	J	J	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Svoa	SW-846:8270C	Chrysene	<	1	—	—	0.2	µg/L	U	U	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Svoa	SW-846:8270C	Chrysene	<	1.09	—	—	0.22	µg/L	U	U	11-242	CAPA-10-27384	GELC
R-23	1771	Single	816	08/12/10	WG	UF	CS	—	Svoa	SW-846:8270C	Chrysene	<	1.1	—	—	0.22	µg/L	U	U	10-4140	CAPA-10-24119	GELC
R-23	1771	Single	816	04/18/11	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	5.69	—	—	2.1	µg/L	J	J	11-2091	CAPA-11-9588	GELC
R-23	1771	Single	816	01/24/11	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10	—	—	2	µg/L	U	U	11-1198	CAPA-11-2976	GELC
R-23	1771	Single	816	10/22/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.2	µg/L	U	U	11-242	CAPA-10-27384	GELC
R-23	1771	Single	816	08/12/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	14.5	—	—	2.2	µg/L	—	—	10-4140	CAPA-10-24119	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	97.6	—	—	0.73	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	99.7	—	—	0.73	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94	—	—	0.73	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.5	—	—	0.73	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.1	—	—	0.73	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.8	—	—	0.05	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.9	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	0.05	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.2	—	—	0.05	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	0.05	mg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.1	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.2	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	0.05	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.4	—	—	0.05	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.66	—	—	0.066	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.8	—	—	0.066	mg/L	—	J+	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	0.066	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	0.13	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.1	—	—	0.066	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.269	—	—	0.033	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.222	—	—	0.033	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.188	—	—	0.033	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.201	—	—	0.033	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	0.033	mg/L	—	—	10-3424	CAPA-10-17582	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	0.45	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	107	—	—	0.35	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	107	—	—	0.35	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	0.35	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	104	—	—	0.35	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	106	—	—	0.45	mg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	104	—	—	0.35	mg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	108	—	—	0.35	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	0.35	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	106	—	—	0.35	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.29	—	—	0.11	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.74	—	—	0.085	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.47	—	—	0.085	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.33	—	—	0.085	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.37	—	—	0.085	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.45	—	—	0.11	mg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.45	—	—	0.085	mg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.66	—	—	0.085	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.55	—	—	0.085	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.61	—	—	0.085	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.404	—	—	0.01	mg/L	—	J-	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	0.05	mg/L	—	J	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.455	—	—	0.05	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.489	—	—	0.05	mg/L	—	J+	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.321	—	—	0.05	µg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.323	—	—	0.05	µg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	0.05	µg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.29	—	—	0.05	µg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.291	—	—	0.05	µg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.72	—	—	0.05	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.93	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.78	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.69	—	—	0.05	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.52	—	—	0.05	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.75	—	—	0.05	mg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.91	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.77	—	—	0.05	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.69	—	—	0.05	mg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.53	—	—	0.05	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	0.1	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.1	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	0.1	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	0.1	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	0.1	mg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	0.1	mg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	0.1	mg/L	—	—	10-4078	CAPA-10-24089	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	0.1	mg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	272	—	—	1	µS/cm	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	289	—	—	1	µS/cm	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	289	—	—	1	µS/cm	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	277	—	—	1	µS/cm	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	279	—	—	1	µS/cm	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.82	—	—	0.1	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.2	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.7	—	—	0.1	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	0.1	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	0.1	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	190	—	—	2.4	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.4	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.4	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	199	—	—	2.4	mg/L	—	J	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	205	—	—	2.4	mg/L	—	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.512	—	—	0.33	mg/L	J	J	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.701	—	—	0.33	mg/L	J	J	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.7	—	—	0.33	mg/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.745	—	—	0.33	mg/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.489	—	—	0.33	mg/L	J	J	10-3423	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	0.01	SU	H	J-	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.81	—	—	0.01	SU	H	J-	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	0.01	SU	H	J-	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	0.01	SU	H	J-	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	165	—	—	68	µg/L	J	J	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	136	—	—	68	µg/L	J	U	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	93.9	—	—	68	µg/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	52.9	—	—	1	µg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	54.9	—	—	1	µg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	54.2	—	—	1	µg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.8	—	—	1	µg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.8	—	—	1	µg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	55.1	—	—	1	µg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	53.6	—	—	1	µg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	56	—	—	1	µg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.3	—	—	1	µg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52	—	—	1	µg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.3	—	—	15	µg/L	J	J	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15	—	—	15	µg/L	J	J	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.8	—	—	15	µg/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4078	CAPA-10-24088	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	15	µg/L	J	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	15	µg/L	J	J	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	15	µg/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	15	µg/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	U	U	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.28	—	—	2.5	µg/L	J	J	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2	µg/L	J	J	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	2	µg/L	J	J	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.99	—	—	2.5	µg/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.21	—	—	2.5	µg/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.03	—	—	3	µg/L	J	J	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	163	—	—	30	µg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	54.9	—	—	30	µg/L	J	J	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	137	—	—	30	µg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	74.1	—	—	30	µg/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	118	—	—	30	µg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2	µg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.42	—	—	2	µg/L	J	J	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.83	—	—	2	µg/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.96	—	—	2	µg/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.1	—	—	2	µg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.17	µg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.16	—	—	0.17	µg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.06	—	—	0.1	µg/L	—	U	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.941	—	—	0.1	µg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	0.1	µg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.17	µg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	0.17	µg/L	—	—	11-1105	CAPA-11-2958	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.06	—	—	0.1	µg/L	—	U	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	0.1	µg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.08	—	—	0.1	µg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.724	—	—	0.5	µg/L	J	J	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	0.5	µg/L	J	J	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.644	—	—	0.5	µg/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.847	—	—	0.5	µg/L	J	J	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.605	—	—	0.5	µg/L	J	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.45	—	—	0.5	µg/L	J	J	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	0.5	µg/L	J	J	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.782	—	—	0.5	µg/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.795	—	—	0.5	µg/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.791	—	—	0.5	µg/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.7	—	—	0.053	mg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.1	—	—	0.053	mg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.9	—	—	0.053	mg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.6	—	—	0.053	mg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.7	—	—	0.053	mg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1	µg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	169	—	—	1	µg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	168	—	—	1	µg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1	µg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1	µg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1	µg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1	µg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1	µg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1	µg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1	µg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.784	—	—	0.067	µg/L	—	—	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.968	—	—	0.067	µg/L	—	—	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.682	—	—	0.05	µg/L	—	—	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.781	—	—	0.05	µg/L	—	—	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.863	—	—	0.05	µg/L	—	—	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.814	—	—	0.067	µg/L	—	—	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.956	—	—	0.067	µg/L	—	—	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.743	—	—	0.05	µg/L	—	—	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.779	—	—	0.05	µg/L	—	—	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.925	—	—	0.05	µg/L	—	—	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.97	—	—	1	µg/L	J	J	11-2231	CAPA-11-9570	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.27	—	—	1	µg/L	J	J	11-1105	CAPA-11-2957	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.67	—	—	1	µg/L	J	J	11-237	CAPA-10-26932	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.83	—	—	1	µg/L	J	J	10-4078	CAPA-10-24088	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.11	—	—	1	µg/L	J	J	10-3424	CAPA-10-17582	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.55	—	—	1	µg/L	J	J	11-2231	CAPA-11-9568	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.99	—	—	1	µg/L	J	J	11-1105	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.48	—	—	1	µg/L	J	J	11-237	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.94	—	—	1	µg/L	J	J	10-4078	CAPA-10-24089	GELC
R-23i	7001	P1A	400.3	06/15/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.11	—	—	1	µg/L	J	J	10-3424	CAPA-10-17584	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	EQB	Voa	SW-846:8260B	Methyl-2-pentanone[4-]	—	1.92	—	—	1.3	µg/L	J	J	11-2231	CAPA-11-9571	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Voa	SW-846:8260B	Methyl-2-pentanone[4-]	<	5	—	—	1.3	µg/L	U	U	11-1104	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Methyl-2-pentanone[4-]	<	5	—	—	1.3	µg/L	U	U	11-236	CAPA-10-26931	GELC
R-23i	7001	P1A	400.3	04/28/11	WG	UF	CS	EQB	Voa	SW-846:8260B	Toluene	—	1.56	—	—	0.25	µg/L	—	—	11-2231	CAPA-11-9571	GELC
R-23i	7001	P1A	400.3	01/14/11	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	0.75	—	—	0.25	µg/L	BJ	U	11-1104	CAPA-11-2958	GELC
R-23i	7001	P1A	400.3	10/21/10	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	µg/L	U	U	11-236	CAPA-10-26931	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77	—	—	0.73	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.4	—	—	0.73	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.9	—	—	0.73	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.1	—	—	0.73	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.5	—	—	0.73	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.9	—	—	0.05	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.9	—	—	0.05	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	0.05	mg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	0.05	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.76	—	—	0.066	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.2	—	—	0.066	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.88	—	—	0.066	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.82	—	—	0.066	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.79	—	—	0.066	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	0.033	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.21	—	—	0.033	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	0.033	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	0.033	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.175	—	—	0.033	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.5	—	—	0.45	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	0.45	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	0.35	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.4	—	—	0.35	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.5	—	—	0.45	mg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78	—	—	0.45	mg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.1	—	—	0.35	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.8	—	—	0.35	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.81	—	—	0.11	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.62	—	—	0.11	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.63	—	—	0.085	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.83	—	—	0.085	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.76	—	—	0.11	mg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.85	—	—	0.11	mg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	0.085	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.94	—	—	0.085	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.635	—	—	0.01	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.77	—	—	0.05	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.883	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.82	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.935	—	—	0.05	mg/L	—	—	10-3451	CAPA-10-17576	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	0.05	µg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	0.05	µg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	0.05	µg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.263	—	—	0.05	µg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	0.05	µg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.35	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.57	—	—	0.05	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	0.05	mg/L	—	J	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	0.05	mg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	0.05	mg/L	—	J	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	0.1	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.1	mg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1	µS/cm	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	204	—	—	1	µS/cm	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1	µS/cm	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	206	—	—	1	µS/cm	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.75	—	—	0.1	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.92	—	—	0.1	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.71	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.65	—	—	0.1	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.78	—	—	0.1	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.4	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.4	mg/L	—	J	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.4	mg/L	—	J	10-3451	CAPA-10-17576	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.08	—	—	0.33	mg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.726	—	—	0.33	mg/L	J	J	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.746	—	—	0.33	mg/L	J	J	11-189	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.767	—	—	0.33	mg/L	J	J	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.59	—	—	0.33	mg/L	J	J	10-3452	CAPA-10-17577	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	0.01	SU	H	J-	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	0.01	SU	H	J-	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.17	—	—	0.01	SU	H	J-	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	0.01	SU	H	J-	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	86.6	—	—	68	µg/L	J	J	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1130	CAPA-11-2962	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.28	—	—	1.7	µg/L	J	J	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.03	—	—	1.7	µg/L	J	J	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.88	—	—	1	µg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.34	—	—	1	µg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.76	—	—	1	µg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1	µg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.82	—	—	1	µg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.64	—	—	1	µg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.2	—	—	1	µg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11	—	—	1	µg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	0.17	µg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	0.17	µg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.86	—	—	0.1	µg/L	—	U	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.67	—	—	0.1	µg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.68	—	—	0.17	µg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.69	—	—	0.17	µg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.85	—	—	0.1	µg/L	—	U	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.74	—	—	0.1	µg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.553	—	—	0.5	µg/L	J	J	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.908	—	—	0.5	µg/L	J	J	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.754	—	—	0.5	µg/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	0.5	µg/L	J	J	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.804	—	—	0.5	µg/L	J	J	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	0.5	µg/L	J	J	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.707	—	—	0.5	µg/L	J	J	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.18	—	—	0.5	µg/L	J	J	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.9	—	—	0.053	mg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.2	—	—	0.053	mg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.5	—	—	0.053	mg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.2	—	—	0.053	mg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	06/17/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.3	—	—	0.053	mg/L	—	—	10-3451	CAPA-10-17576	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.9	—	—	1	µg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.5	—	—	1	µg/L	—	—	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.1	—	—	1	µg/L	—	—	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1	µg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1	µg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97.3	—	—	1	µg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.5	—	—	1	µg/L	—	—	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1	µg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.706	—	—	0.067	µg/L	—	—	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.784	—	—	0.067	µg/L	—	—	11-1130	CAPA-11-2963	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.754	—	—	0.05	µg/L	—	U	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.741	—	—	0.05	µg/L	—	—	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.734	—	—	0.067	µg/L	—	—	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.822	—	—	0.067	µg/L	—	—	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.747	—	—	0.05	µg/L	—	U	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.777	—	—	0.05	µg/L	—	—	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.45	—	—	1	µg/L	J	J	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.31	—	—	1	µg/L	J	J	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.33	—	—	1	µg/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.15	—	—	1	µg/L	J	J	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.24	—	—	1	µg/L	J	J	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.55	—	—	1	µg/L	J	J	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.41	—	—	1	µg/L	J	J	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.06	—	—	1	µg/L	J	J	10-3999	CAPA-10-24083	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.36	—	—	3.3	µg/L	J	J	11-2284	CAPA-11-9573	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.25	—	—	3.3	µg/L	J	J	11-1130	CAPA-11-2963	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.23	—	—	3.3	µg/L	J	J	11-190	CAPA-10-26946	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3999	CAPA-10-24084	GELC
R-23i	7011	P2A	470.2	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.73	—	—	3.3	µg/L	J	J	11-2284	CAPA-11-9574	GELC
R-23i	7011	P2A	470.2	01/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.34	—	—	3.3	µg/L	J	J	11-1130	CAPA-11-2962	GELC
R-23i	7011	P2A	470.2	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.5	—	—	3.3	µg/L	J	J	11-190	CAPA-10-26945	GELC
R-23i	7011	P2A	470.2	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3999	CAPA-10-24083	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.5	—	—	0.73	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.2	—	—	0.73	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.9	—	—	0.73	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.5	—	—	0.73	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.9	—	—	0.73	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.8	—	—	0.05	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	0.05	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.6	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	0.05	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	0.05	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.12	—	—	0.066	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.27	—	—	0.066	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.29	—	—	0.066	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.25	—	—	0.066	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.12	—	—	0.066	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	0.033	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.189	—	—	0.033	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	0.033	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.22	—	—	0.033	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.178	—	—	0.033	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.8	—	—	0.45	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.3	—	—	0.45	mg/L	—	—	11-1198	CAPA-11-2966	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	0.35	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76	—	—	0.35	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.9	—	—	0.35	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.7	—	—	0.45	mg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	0.45	mg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72	—	—	0.35	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.8	—	—	0.35	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78	—	—	0.35	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	0.11	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.81	—	—	0.11	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.67	—	—	0.085	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	0.085	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.93	—	—	0.085	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.11	—	—	0.11	mg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.74	—	—	0.11	mg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.62	—	—	0.085	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.93	—	—	0.085	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	0.085	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.787	—	—	0.1	mg/L	—	J-	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.795	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.925	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.91	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.865	—	—	0.05	mg/L	—	J+	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.258	—	—	0.05	µg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.279	—	—	0.05	µg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.253	—	—	0.05	µg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.29	—	—	0.05	µg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	0.05	µg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.67	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.73	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	0.05	mg/L	—	J	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.59	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	0.05	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	0.05	mg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.73	—	—	0.05	mg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	0.05	mg/L	—	J	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	0.05	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	0.05	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1	µS/cm	—	—	11-2091	CAPA-11-9576	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	204	—	—	1	µS/cm	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1	µS/cm	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1	µS/cm	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	201	—	—	1	µS/cm	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.53	—	—	0.1	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.66	—	—	0.1	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.48	—	—	0.1	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.42	—	—	0.1	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.52	—	—	0.1	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.4	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.4	mg/L	—	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.4	mg/L	—	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.708	—	—	0.33	mg/L	J	J	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.681	—	—	0.33	mg/L	J	J	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.741	—	—	0.33	mg/L	J	J	11-189	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.952	—	—	0.33	mg/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.428	—	—	0.33	mg/L	J	J	10-3436	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	0.01	SU	H	J-	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	0.01	SU	H	J-	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.26	—	—	0.01	SU	H	J-	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	0.01	SU	H	J-	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.2	—	—	0.01	SU	H	J-	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.51	—	—	1	µg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.46	—	—	1	µg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.29	—	—	1	µg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.83	—	—	1	µg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.14	—	—	1	µg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.78	—	—	1	µg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.89	—	—	1	µg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.24	—	—	1	µg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.92	—	—	1	µg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.37	—	—	1	µg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.6	—	—	15	µg/L	J	J	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	15	µg/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	15	µg/L	J	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.2	—	—	15	µg/L	J	J	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	15	µg/L	J	J	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	15	µg/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	15	µg/L	J	J	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.61	—	—	2	µg/L	J	J	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.39	—	—	2.5	µg/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.41	—	—	2.5	µg/L	J	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.62	—	—	2.5	µg/L	J	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.26	—	—	2	µg/L	J	J	11-2091	CAPA-11-9575	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.98	—	—	2	µg/L	J	J	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.15	—	—	2.5	µg/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.11	—	—	2.5	µg/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.65	—	—	2.5	µg/L	J	J	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	0.17	µg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.54	—	—	0.17	µg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.63	—	—	0.1	µg/L	—	U	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.41	—	—	0.1	µg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.53	—	—	0.1	µg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	0.17	µg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	0.17	µg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.6	—	—	0.1	µg/L	—	U	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.46	—	—	0.1	µg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	0.1	µg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.08	—	—	0.5	µg/L	J	J	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2.33	—	—	0.5	µg/L	—	U	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.21	—	—	0.5	µg/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.49	—	—	0.5	µg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.12	—	—	0.5	µg/L	J	J	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2.72	—	—	0.5	µg/L	—	U	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	0.5	µg/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.23	—	—	0.5	µg/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.56	—	—	0.5	µg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.5	—	—	0.053	mg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	46.9	—	—	0.053	mg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.1	—	—	0.053	mg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.6	—	—	0.053	mg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.7	—	—	0.053	mg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.9	—	—	1	µg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96	—	—	1	µg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1	µg/L	—	—	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.9	—	—	1	µg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96	—	—	1	µg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.7	—	—	1	µg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.3	—	—	1	µg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.1	—	—	1	µg/L	—	—	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.2	—	—	1	µg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98	—	—	1	µg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	0.067	µg/L	—	—	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.588	—	—	0.067	µg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.676	—	—	0.05	µg/L	—	U	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.567	—	—	0.05	µg/L	—	—	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.708	—	—	0.05	µg/L	—	—	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	0.067	µg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.601	—	—	0.067	µg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.616	—	—	0.05	µg/L	—	U	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.597	—	—	0.05	µg/L	—	—	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.692	—	—	0.05	µg/L	—	—	10-3435	CAPA-10-17580	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-23i	7021	P3A	524	04/18/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1	µg/L	J	J	11-2091	CAPA-11-9576	GELC
R-23i	7021	P3A	524	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1	µg/L	—	—	11-1198	CAPA-11-2966	GELC
R-23i	7021	P3A	524	10/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.65	—	—	1	µg/L	J	J	11-190	CAPA-10-26950	GELC
R-23i	7021	P3A	524	08/04/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.33	—	—	1	µg/L	J	J	10-3999	CAPA-10-24087	GELC
R-23i	7021	P3A	524	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.85	—	—	1	µg/L	J	J	10-3435	CAPA-10-17579	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.41	—	—	1	µg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.39	—	—	1	µg/L	—	—	11-1198	CAPA-11-2965	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.57	—	—	1	µg/L	J	J	11-190	CAPA-10-26948	GELC
R-23i	7021	P3A	524	08/04/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.32	—	—	1	µg/L	J	J	10-3999	CAPA-10-24086	GELC
R-23i	7021	P3A	524	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.04	—	—	1	µg/L	—	—	10-3435	CAPA-10-17580	GELC
R-23i	7021	P3A	524	04/18/11	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	11.7	—	—	2	µg/L	—	—	11-2091	CAPA-11-9575	GELC
R-23i	7021	P3A	524	10/18/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	4.67	—	—	2.2	µg/L	J	J	11-189	CAPA-10-26948	GELC
R-23i	7021	P3A	524	03/08/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.9	—	—	2.2	µg/L	U	U	10-2379	CAPA-10-12853	GELC
R-23i	7021	P3A	524	12/01/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.2	—	—	2	µg/L	U	U	10-739	CAPA-10-6863	GELC
R-23i	7021	P3A	524	09/09/09	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	10.5	—	—	2.1	µg/L	U	U	09-3180	CAPA-09-12246	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.8	—	—	0.73	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.4	—	—	0.73	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.7	—	—	0.73	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.5	—	—	0.73	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.8	—	—	0.73	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.079	—	—	0.066	mg/L	J	J	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0674	—	—	0.066	mg/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.125	—	—	0.066	mg/L	J	J	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	0.05	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.82	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	0.05	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.05	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.05	mg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	0.05	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	0.05	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.12	—	—	0.066	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.89	—	—	0.066	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.9	—	—	0.066	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.96	—	—	0.066	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.81	—	—	0.066	mg/L	—	J	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	0.033	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.268	—	—	0.033	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.255	—	—	0.033	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.293	—	—	0.033	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	0.033	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	0.45	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29	—	—	0.45	mg/L	—	—	11-1207	CAPA-11-3014	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.4	—	—	0.35	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	0.35	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.5	—	—	0.35	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.7	—	—	0.45	mg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	0.45	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.5	—	—	0.35	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	0.35	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.7	—	—	0.35	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.03	—	—	0.11	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.31	—	—	0.11	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Magnesium	—	4.99	—	—	0.11	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.73	—	—	0.085	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.88	—	—	0.085	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	0.085	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.83	—	—	0.11	mg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.84	—	—	0.11	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Magnesium	—	4.79	—	—	0.11	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	0.085	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.04	—	—	0.085	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	0.085	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.664	—	—	0.01	mg/L	—	J-	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.895	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.02	—	—	0.05	mg/L	—	J	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.955	—	—	0.05	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.94	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	0.05	µg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.387	—	—	0.05	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.372	—	—	0.05	µg/L	—	J+	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.372	—	—	0.05	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.332	—	—	0.05	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	J	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.42	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	0.05	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	J	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	0.05	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	0.05	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.2	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	11-2258	CAPA-11-9318	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1	µS/cm	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	173	—	—	1	µS/cm	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	168	—	—	1	µS/cm	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	169	—	—	1	µS/cm	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1	µS/cm	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.61	—	—	0.1	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.2	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.25	—	—	0.1	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.1	—	—	0.1	mg/L	—	J+	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.12	—	—	0.1	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.4	mg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.4	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.4	mg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.4	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.718	—	—	0.33	mg/L	J	J	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.816	—	—	0.33	mg/L	J	J	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.26	—	—	0.33	mg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.748	—	—	0.33	mg/L	J	J	10-4048	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.75	—	—	0.33	mg/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	0.01	SU	H	J-	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	0.01	SU	H	J-	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	0.01	SU	H	J-	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	0.01	SU	H	J-	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	0.01	SU	H	J-	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.9	—	—	1	µg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	64.7	—	—	1	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Barium	—	41.8	—	—	1	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1	µg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.8	—	—	1	µg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.2	—	—	1	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.4	—	—	1	µg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.2	—	—	1	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.2	—	—	1	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	15	µg/L	J	J	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	64.4	—	—	15	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1207	CAPA-11-3016	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.58	—	—	3	µg/L	J	J	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.69	—	—	3	µg/L	J	J	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	6.61	—	—	3	µg/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.08	—	—	0.17	µg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.46	—	—	0.17	µg/L	—	J	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.15	—	—	0.1	µg/L	—	J	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.23	—	—	0.1	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2	—	—	0.1	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.11	—	—	0.17	µg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.47	—	—	0.17	µg/L	—	J	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.2	—	—	0.1	µg/L	—	J	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.19	—	—	0.1	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.13	—	—	0.1	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.35	—	—	0.5	µg/L	J	J	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	µg/L	J	J	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	0.5	µg/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	0.5	µg/L	J	J	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.63	—	—	0.5	µg/L	J	J	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.62	—	—	0.5	µg/L	J	J	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.85	—	—	0.5	µg/L	J	J	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	0.5	µg/L	J	J	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.34	—	—	0.5	µg/L	J	J	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.98	—	—	0.5	µg/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.2	—	—	0.053	mg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	<	39.7	—	—	0.053	mg/L	N	U	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65	—	—	0.053	mg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64	—	—	0.053	mg/L	N	J+	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.5	—	—	0.053	mg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.6	—	—	1	µg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.2	—	—	1	µg/L	E	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1	µg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77	—	—	1	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.3	—	—	1	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.3	—	—	1	µg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.1	—	—	1	µg/L	E	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1	µg/L	—	—	11-1207	CAPA-11-3016	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77	—	—	1	µg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.6	—	—	1	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.2	—	—	1	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.551	—	—	0.067	µg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.653	—	—	0.067	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.649	—	—	0.05	µg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.647	—	—	0.05	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.586	—	—	0.05	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.548	—	—	0.067	µg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.662	—	—	0.067	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.677	—	—	0.05	µg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.659	—	—	0.05	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.708	—	—	0.05	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.35	—	—	1	µg/L	J	J	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.65	—	—	1	µg/L	J	U	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Vanadium	—	3.07	—	—	1	µg/L	J	J	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.55	—	—	1	µg/L	J	J	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.23	—	—	1	µg/L	J	J	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.74	—	—	1	µg/L	J	J	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.87	—	—	1	µg/L	J	J	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.46	—	—	1	µg/L	J	U	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Vanadium	—	3.03	—	—	1	µg/L	J	J	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.37	—	—	1	µg/L	J	J	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.38	—	—	1	µg/L	J	J	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.12	—	—	1	µg/L	J	J	10-3333	CAPA-10-17740	GELC
R-32	8421	Single	867.5	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	37.2	—	—	3.3	µg/L	—	—	11-2258	CAPA-11-9320	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	29.4	—	—	3.3	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	01/25/11	WG	F	RE	—	Metals	SW-846:6010B	Zinc	—	40.9	—	—	3.3	µg/L	—	—	11-1207	CAPA-11-3014	GELC
R-32	8421	Single	867.5	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	43.5	—	—	3.3	µg/L	—	—	11-159	CAPA-10-27392	GELC
R-32	8421	Single	867.5	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	41.9	—	—	3.3	µg/L	—	—	10-4049	CAPA-10-24123	GELC
R-32	8421	Single	867.5	06/07/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	42.3	—	—	3.3	µg/L	—	—	10-3333	CAPA-10-17741	GELC
R-32	8421	Single	867.5	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.3	—	—	3.3	µg/L	—	—	11-2258	CAPA-11-9318	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	45.3	—	—	3.3	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	01/25/11	WG	UF	RE	—	Metals	SW-846:6010B	Zinc	—	42	—	—	3.3	µg/L	—	—	11-1207	CAPA-11-3016	GELC
R-32	8421	Single	867.5	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	43.6	—	—	3.3	µg/L	—	—	11-159	CAPA-10-27391	GELC
R-32	8421	Single	867.5	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	42.2	—	—	3.3	µg/L	—	—	10-4049	CAPA-10-24125	GELC
R-32	8421	Single	867.5	06/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	59.6	—	—	3.3	µg/L	—	—	10-3333	CAPA-10-17740	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	0.73	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.2	—	—	0.73	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.3	—	—	0.73	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62	—	—	0.73	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	0.73	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.05	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	0.05	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.05	mg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3019	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.44	—	—	0.066	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.21	—	—	0.066	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.26	—	—	0.066	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.37	—	—	0.066	mg/L	—	J+	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.25	—	—	0.066	mg/L	—	J	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.324	—	—	0.033	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.259	—	—	0.033	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.256	—	—	0.033	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.298	—	—	0.033	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	0.033	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	0.45	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	0.45	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	0.35	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.35	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	0.35	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	0.45	mg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	0.45	mg/L	—	—	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	0.35	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	0.35	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	0.35	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.13	—	—	0.11	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.11	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	0.085	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	0.085	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.13	—	—	0.11	mg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.11	mg/L	—	—	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	0.085	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	0.085	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	0.085	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.574	—	—	0.1	mg/L	—	J+	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.486	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.62	—	—	0.05	mg/L	—	J	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	0.05	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.58	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.318	—	—	0.05	µg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.348	—	—	0.05	µg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.38	—	—	0.05	µg/L	—	J+	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	0.05	µg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	0.05	µg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	0.05	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	0.05	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	0.05	mg/L	—	—	11-2183	CAPA-11-9322	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	0.05	mg/L	—	—	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	0.05	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	0.1	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	0.1	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	0.1	mg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1	µS/cm	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1	µS/cm	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1	µS/cm	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1	µS/cm	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.88	—	—	0.1	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.86	—	—	0.1	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.77	—	—	0.1	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.94	—	—	0.1	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.14	—	—	0.1	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.45	—	—	0.33	mg/L	J	J	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.771	—	—	0.33	mg/L	J	J	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.341	—	—	0.33	mg/L	J	J	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.413	—	—	0.33	mg/L	J	J	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0381	—	—	0.015	mg/L	J	J	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	0.015	mg/L	U	U	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.045	—	—	0.015	mg/L	J	U	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.04	—	—	0.015	mg/L	J	U	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.062	—	—	0.015	mg/L	—	U	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	0.01	SU	H	J-	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	0.01	SU	H	J-	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	0.01	SU	H	J-	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.4	—	—	1	µg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1	µg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.7	—	—	1	µg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.4	—	—	1	µg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1	µg/L	—	—	10-3331	CAPA-10-17953	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1	µg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1	µg/L	—	—	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.7	—	—	1	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.8	—	—	1	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.6	—	—	1	µg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.6	—	—	15	µg/L	J	J	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	15	µg/L	J	J	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	15	µg/L	J	J	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.78	—	—	2	µg/L	J	J	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.14	—	—	2	µg/L	J	J	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.43	—	—	2.5	µg/L	J	J	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.36	—	—	2.5	µg/L	J	J	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.03	—	—	2.5	µg/L	J	U	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.82	—	—	2	µg/L	J	J	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	21.5	—	—	2.5	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.29	—	—	2.5	µg/L	J	J	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.17	—	—	2.5	µg/L	J	U	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	88.6	—	—	30	µg/L	J	J	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	30.1	—	—	30	µg/L	J	U	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	163	—	—	30	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	272	—	—	30	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	168	—	—	30	µg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	0.17	µg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.82	—	—	0.17	µg/L	—	J	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.58	—	—	0.1	µg/L	—	J	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	0.1	µg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	0.1	µg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.17	µg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	0.17	µg/L	—	J	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.77	—	—	0.1	µg/L	—	J	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.71	—	—	0.1	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.55	—	—	0.1	µg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.845	—	—	0.5	µg/L	J	J	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.742	—	—	0.5	µg/L	J	J	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.732	—	—	0.5	µg/L	J	J	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.883	—	—	0.5	µg/L	J	J	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.24	—	—	0.5	µg/L	J	J	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.968	—	—	0.5	µg/L	J	J	11-2183	CAPA-11-9322	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.37	—	—	0.5	µg/L	J	J	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.65	—	—	0.5	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	0.5	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.37	—	—	0.5	µg/L	J	J	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	0.053	mg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	<	68.6	—	—	0.053	mg/L	N	U	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.7	—	—	0.053	mg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63	—	—	0.053	mg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	0.053	mg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1	µg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.9	—	—	1	µg/L	E	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1	µg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.6	—	—	1	µg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.7	—	—	1	µg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.1	—	—	1	µg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.4	—	—	1	µg/L	E	—	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1	µg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.397	—	—	0.067	µg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.463	—	—	0.067	µg/L	—	—	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.493	—	—	0.05	µg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.484	—	—	0.05	µg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.436	—	—	0.05	µg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.418	—	—	0.067	µg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.468	—	—	0.067	µg/L	—	—	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	0.05	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.545	—	—	0.05	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.475	—	—	0.05	µg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.19	—	—	1	µg/L	—	—	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.95	—	—	1	µg/L	J	U	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.03	—	—	1	µg/L	—	—	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.19	—	—	1	µg/L	—	—	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1	µg/L	—	—	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.19	—	—	1	µg/L	—	—	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.24	—	—	1	µg/L	—	U	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.99	—	—	1	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.91	—	—	1	µg/L	—	—	10-3331	CAPA-10-17952	GELC
R-37	8811	P2A	1026	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.39	—	—	3.3	µg/L	J	J	11-2183	CAPA-11-9321	GELC
R-37	8811	P2A	1026	01/25/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1207	CAPA-11-3017	GELC
R-37	8811	P2A	1026	10/14/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-156	CAPA-10-27395	GELC
R-37	8811	P2A	1026	08/10/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-4109	CAPA-10-24126	GELC
R-37	8811	P2A	1026	06/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3331	CAPA-10-17953	GELC
R-37	8811	P2A	1026	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.26	—	—	3.3	µg/L	J	J	11-2183	CAPA-11-9322	GELC
R-37	8811	P2A	1026	01/25/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.39	—	—	3.3	µg/L	J	J	11-1207	CAPA-11-3019	GELC
R-37	8811	P2A	1026	10/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.7	—	—	3.3	µg/L	—	—	11-156	CAPA-10-27394	GELC
R-37	8811	P2A	1026	08/10/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	3.3	µg/L	—	—	10-4109	CAPA-10-24128	GELC
R-37	8811	P2A	1026	06/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	12.6	—	—	3.3	µg/L	—	U	10-3331	CAPA-10-17952	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	96.5	—	—	0.73	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	101	—	—	0.73	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.8	—	—	0.73	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	98	—	—	0.73	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	102	—	—	0.73	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0236	—	—	0.016	mg/L	J	J	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.018	—	—	0.016	mg/L	J	J-	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.047	—	—	0.016	mg/L	J	U	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.1	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.7	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	0.05	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	0.05	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.6	—	—	0.05	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.1	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	0.05	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.5	—	—	0.05	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	0.05	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.6	—	—	0.066	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.75	—	—	0.066	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.61	—	—	0.066	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.57	—	—	0.066	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.47	—	—	0.066	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.511	—	—	0.033	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.566	—	—	0.033	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.524	—	—	0.033	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.474	—	—	0.033	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.442	—	—	0.033	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	86.2	—	—	0.45	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	84.7	—	—	0.45	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.1	—	—	0.35	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.2	—	—	0.35	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.9	—	—	0.35	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	89.6	—	—	0.45	mg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.4	—	—	0.45	mg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.3	—	—	0.35	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84.4	—	—	0.35	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.9	—	—	0.35	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.71	—	—	0.11	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.62	—	—	0.11	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.5	—	—	0.085	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	0.085	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.46	—	—	0.085	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.93	—	—	0.11	mg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	0.11	mg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.55	—	—	0.085	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	0.085	mg/L	—	—	10-4011	CAPA-10-24066	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.46	—	—	0.085	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.375	—	—	0.01	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.474	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.52	—	—	0.05	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.492	—	—	0.05	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.489	—	—	0.05	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.453	—	—	0.05	µg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.521	—	—	0.05	µg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.52	—	—	0.05	µg/L	—	J+	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.547	—	—	0.05	µg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.492	—	—	0.05	µg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	0.05	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	0.05	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	0.05	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	0.05	mg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	0.05	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	0.05	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	0.05	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	0.1	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	0.1	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.1	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	0.1	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	0.1	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	0.1	mg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.1	mg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	0.1	mg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	0.1	mg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	0.1	mg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1	µS/cm	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1	µS/cm	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	238	—	—	1	µS/cm	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	236	—	—	1	µS/cm	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	236	—	—	1	µS/cm	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.5	—	—	0.1	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.79	—	—	0.1	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.83	—	—	0.1	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.29	—	—	0.1	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.52	—	—	0.1	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.4	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.4	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	187	—	—	2.4	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	182	—	—	2.4	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.4	mg/L	—	J	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.902	—	—	0.33	mg/L	J	J	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.856	—	—	0.33	mg/L	J	J	11-1178	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.13	—	—	0.33	mg/L	—	—	11-127	CAPA-10-26914	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.864	—	—	0.33	mg/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.43	—	—	0.33	mg/L	J	J	10-3442	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	0.01	SU	H	J-	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	0.01	SU	H	J-	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	0.01	SU	H	J-	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	0.01	SU	H	J-	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	0.01	SU	H	J-	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	89.6	—	—	68	µg/L	J	J	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	89.3	—	—	68	µg/L	J	J	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.82	—	—	1.7	µg/L	J	J	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.57	—	—	1.5	µg/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.35	—	—	1.7	µg/L	J	J	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.46	—	—	1	µg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.14	—	—	1	µg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.92	—	—	1	µg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.68	—	—	1	µg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.22	—	—	1	µg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.09	—	—	1	µg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.63	—	—	1	µg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.33	—	—	1	µg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1	µg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.88	—	—	1	µg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27.8	—	—	15	µg/L	J	J	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	29.9	—	—	15	µg/L	J	J	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.6	—	—	15	µg/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.5	—	—	15	µg/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.6	—	—	15	µg/L	J	J	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.5	—	—	15	µg/L	J	J	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.5	—	—	15	µg/L	J	J	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.5	—	—	15	µg/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.7	—	—	15	µg/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30.2	—	—	15	µg/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.29	—	—	0.17	µg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.2	—	—	0.17	µg/L	—	—	11-1180	CAPA-11-2991	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.55	—	—	0.1	µg/L	—	J	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.73	—	—	0.1	µg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.99	—	—	0.1	µg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.46	—	—	0.17	µg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.1	—	—	0.17	µg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.41	—	—	0.1	µg/L	—	J	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.7	—	—	0.1	µg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.87	—	—	0.1	µg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.25	—	—	0.5	µg/L	J	J	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	0.5	µg/L	J	J	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	0.5	µg/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	0.5	µg/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	µg/L	J	J	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	0.5	µg/L	J	J	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	0.5	µg/L	J	J	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.07	—	—	0.5	µg/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.45	—	—	0.5	µg/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	0.5	µg/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.6	—	—	0.053	mg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.1	—	—	0.053	mg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.3	—	—	0.053	mg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.3	—	—	0.053	mg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.1	—	—	0.053	mg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	1	µg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1	µg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	99.6	—	—	1	µg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1	µg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1	µg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1	µg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1	µg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.5	—	—	1	µg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1	µg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1	µg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.41	—	—	0.067	µg/L	—	—	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.33	—	—	0.067	µg/L	—	—	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.61	—	—	0.05	µg/L	—	—	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.55	—	—	0.05	µg/L	—	—	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.74	—	—	0.05	µg/L	—	—	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	0.067	µg/L	—	—	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.32	—	—	0.067	µg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.66	—	—	0.05	µg/L	—	—	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.57	—	—	0.05	µg/L	—	—	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.72	—	—	0.05	µg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.83	—	—	1	µg/L	J	J	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.62	—	—	1	µg/L	J	J	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1	µg/L	J	J	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.98	—	—	1	µg/L	J	J	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.79	—	—	1	µg/L	J	J	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.63	—	—	1	µg/L	J	J	11-2284	CAPA-11-9298	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.63	—	—	1	µg/L	J	J	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.72	—	—	1	µg/L	J	J	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.96	—	—	1	µg/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.82	—	—	1	µg/L	J	J	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.6	—	—	3.3	µg/L	J	J	11-2284	CAPA-11-9300	GELC
R-37	8821	P1A	929.3	01/21/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.74	—	—	3.3	µg/L	J	J	11-1180	CAPA-11-2991	GELC
R-37	8821	P1A	929.3	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-128	CAPA-10-26915	GELC
R-37	8821	P1A	929.3	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-4011	CAPA-10-24067	GELC
R-37	8821	P1A	929.3	06/16/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3441	CAPA-10-17948	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.46	—	—	3.3	µg/L	J	J	11-2284	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.7	—	—	3.3	µg/L	—	—	11-1180	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-128	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	23.2	—	—	3.3	µg/L	—	—	10-3441	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	3.08	—	—	2.1	µg/L	J	J	11-2283	CAPA-11-9298	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.6	—	—	2.1	µg/L	U	U	11-1178	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	4.13	—	—	2.2	µg/L	J	J	11-127	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	5.02	—	—	2.4	µg/L	J	J	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	4.41	—	—	2.1	µg/L	J	J	10-3442	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Svoa	SW-846:8270C	Naphthalene	<	1.06	—	—	0.32	µg/L	U	U	11-1178	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Svoa	SW-846:8270C	Naphthalene	<	1.11	—	—	0.33	µg/L	U	U	11-127	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Svoa	SW-846:8270C	Naphthalene	<	1.18	—	—	0.35	µg/L	U	U	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Svoa	SW-846:8270C	Naphthalene	<	1.06	—	—	0.32	µg/L	U	U	10-3442	CAPA-10-17949	GELC
R-37	8821	P1A	929.3	05/03/11	WG	UF	CS	FTB	Voa	SW-846:8260B	Naphthalene	—	0.33	—	—	0.25	µg/L	J	J	11-2283	CAPA-11-9299	GELC
R-37	8821	P1A	929.3	01/21/11	WG	UF	CS	—	Voa	SW-846:8260B	Naphthalene	<	1	—	—	0.25	µg/L	U	U	11-1178	CAPA-11-2990	GELC
R-37	8821	P1A	929.3	10/12/10	WG	UF	CS	—	Voa	SW-846:8260B	Naphthalene	<	1	—	—	0.25	µg/L	U	U	11-127	CAPA-10-26914	GELC
R-37	8821	P1A	929.3	08/05/10	WG	UF	CS	—	Voa	SW-846:8260B	Naphthalene	<	1	—	—	0.25	µg/L	U	U	10-4011	CAPA-10-24066	GELC
R-37	8821	P1A	929.3	06/16/10	WG	UF	CS	—	Voa	SW-846:8260B	Naphthalene	<	1	—	—	0.25	µg/L	U	U	10-3442	CAPA-10-17949	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.6	—	—	0.73	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.6	—	—	0.73	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.8	—	—	0.73	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.9	—	—	0.73	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.5	—	—	0.73	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.7	—	—	0.73	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0746	—	—	0.016	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0197	—	—	0.016	mg/L	J	J	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3020	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2.61	—	—	0.066	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.6	—	—	0.066	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	0.066	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	0.066	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.5	—	—	0.066	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.46	—	—	0.066	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.319	—	—	0.033	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.317	—	—	0.033	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.267	—	—	0.033	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.271	—	—	0.033	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	0.033	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.294	—	—	0.033	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	48.4	—	—	0.45	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.3	—	—	0.45	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45	—	—	0.45	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.8	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	0.35	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	0.35	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	48.3	—	—	0.45	mg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.6	—	—	0.45	mg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.2	—	—	0.45	mg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.9	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	0.35	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.9	—	—	0.35	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.82	—	—	0.11	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.75	—	—	0.11	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.52	—	—	0.11	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.45	—	—	0.085	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	0.085	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.84	—	—	0.11	mg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.88	—	—	0.11	mg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.45	—	—	0.11	mg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.69	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.44	—	—	0.085	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.085	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.534	—	—	0.01	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.531	—	—	0.01	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.545	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.605	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.58	—	—	0.05	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.625	—	—	0.05	mg/L	—	J+	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	0.05	µg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.366	—	—	0.05	µg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.377	—	—	0.05	µg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.383	—	—	0.05	µg/L	—	J+	11-128	CAPA-10-27408	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.387	—	—	0.05	µg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.371	—	—	0.05	µg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	0.05	mg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	0.05	mg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	µS/cm	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	145	—	—	1	µS/cm	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	µS/cm	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1	µS/cm	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	3.18	—	—	0.1	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.15	—	—	0.1	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.91	—	—	0.1	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.12	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.91	—	—	0.1	mg/L	—	J+	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.85	—	—	0.1	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.4	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.4	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.4	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.4	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	J	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	2.51	—	—	0.18	mg/L	—	J-	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.091	—	—	0.033	mg/L	J	U	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.033	mg/L	U	UJ	11-127	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.033	mg/L	U	UJ	10-4045	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.033	mg/L	U	U	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.555	—	—	0.33	mg/L	J	J	11-2344	CAPA-11-9327	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.509	—	—	0.33	mg/L	J	J	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.785	—	—	0.33	mg/L	J	J	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.07	—	—	0.33	mg/L	—	—	11-127	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.427	—	—	0.33	mg/L	J	J	10-4045	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.503	—	—	0.33	mg/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.67	—	—	0.01	SU	H	J-	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	0.01	SU	H	J-	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.53	—	—	0.01	SU	H	J-	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.71	—	—	0.01	SU	H	J-	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.62	—	—	0.01	SU	H	J-	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	3.08	—	—	1.7	µg/L	J	J	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.7	µg/L	J	J	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	3.38	—	—	1.7	µg/L	J	J	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.93	—	—	1.7	µg/L	J	J	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	30.7	—	—	1	µg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1	µg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.9	—	—	1	µg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1	µg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1	µg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1	µg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	30.1	—	—	1	µg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.4	—	—	1	µg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1	µg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1	µg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1	µg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29	—	—	1	µg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	2.05	—	—	2	µg/L	J	J	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.03	—	—	2	µg/L	J	J	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.11	—	—	2	µg/L	J	J	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.37	—	—	2	µg/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.08	—	—	2	µg/L	J	J	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.09	—	—	2	µg/L	J	J	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.15	—	—	2	µg/L	J	J	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.55	—	—	2	µg/L	J	J	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.58	—	—	2	µg/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.68	—	—	0.17	µg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.74	—	—	0.17	µg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.78	—	—	0.17	µg/L	—	U	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.67	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27408	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.61	—	—	0.1	µg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	0.1	µg/L	—	J	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.73	—	—	0.17	µg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	0.17	µg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.79	—	—	0.17	µg/L	—	U	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.74	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.63	—	—	0.1	µg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.73	—	—	0.1	µg/L	—	J	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	3.16	—	—	0.5	µg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.5	—	—	0.5	µg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.98	—	—	0.5	µg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.61	—	—	0.5	µg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.69	—	—	0.5	µg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.21	—	—	0.5	µg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	3.34	—	—	0.5	µg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.43	—	—	0.5	µg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.3	—	—	0.5	µg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.67	—	—	0.5	µg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.24	—	—	0.5	µg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.56	—	—	0.5	µg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	0.053	mg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	0.053	mg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.5	—	—	0.053	mg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.2	—	—	0.053	mg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.2	—	—	0.053	mg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65	—	—	0.053	mg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1	µg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.7	—	—	1	µg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52	—	—	1	µg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.4	—	—	1	µg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.3	—	—	1	µg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.3	—	—	1	µg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	52.3	—	—	1	µg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1	µg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.5	—	—	1	µg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.4	—	—	1	µg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.6	—	—	1	µg/L	—	—	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.3	—	—	1	µg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.416	—	—	0.067	µg/L	—	—	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.441	—	—	0.067	µg/L	—	—	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.399	—	—	0.067	µg/L	—	—	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.448	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.396	—	—	0.05	µg/L	—	—	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	0.05	µg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.454	—	—	0.067	µg/L	—	—	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.434	—	—	0.067	µg/L	—	—	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.389	—	—	0.067	µg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	0.05	µg/L	—	—	10-4046	CAPA-10-24148	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.372	—	—	0.05	µg/L	—	—	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.96	—	—	1	µg/L	J	J	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.66	—	—	1	µg/L	J	J	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.86	—	—	1	µg/L	J	J	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.66	—	—	1	µg/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.01	—	—	1	µg/L	J	J	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.33	—	—	1	µg/L	J	J	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.67	—	—	1	µg/L	J	J	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.76	—	—	1	µg/L	J	J	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.92	—	—	1	µg/L	J	J	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1	µg/L	J	J	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.18	—	—	1	µg/L	J	J	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.21	—	—	1	µg/L	J	J	10-3296	CAPA-10-17956	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	6.95	—	—	3.3	µg/L	J	J	11-2344	CAPA-11-9328	GELC
R-38	8631	Single	821.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.25	—	—	3.3	µg/L	J	J	11-2344	CAPA-11-9326	GELC
R-38	8631	Single	821.2	01/27/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.5	—	—	3.3	µg/L	J	J	11-1225	CAPA-11-3021	GELC
R-38	8631	Single	821.2	10/11/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.36	—	—	3.3	µg/L	J	J	11-128	CAPA-10-27408	GELC
R-38	8631	Single	821.2	08/06/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5	—	—	3.3	µg/L	J	J	10-4046	CAPA-10-24149	GELC
R-38	8631	Single	821.2	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.6	—	—	3.3	µg/L	—	—	10-3296	CAPA-10-17955	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	8.38	—	—	3.3	µg/L	J	J	11-2344	CAPA-11-9327	GELC
R-38	8631	Single	821.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.08	—	—	3.3	µg/L	J	J	11-2344	CAPA-11-9325	GELC
R-38	8631	Single	821.2	01/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.1	—	—	3.3	µg/L	—	—	11-1225	CAPA-11-3020	GELC
R-38	8631	Single	821.2	10/11/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.3	—	—	3.3	µg/L	—	—	11-128	CAPA-10-27406	GELC
R-38	8631	Single	821.2	08/06/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.82	—	—	3.3	µg/L	J	J	10-4046	CAPA-10-24148	GELC
R-38	8631	Single	821.2	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	3.3	µg/L	—	—	10-3296	CAPA-10-17956	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	0.73	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	0.73	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63	—	—	0.73	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.5	—	—	0.73	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	0.73	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.05	mg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	0.066	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.15	—	—	0.066	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	0.066	mg/L	—	J+	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.23	—	—	0.066	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.19	—	—	0.066	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.284	—	—	0.033	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.27	—	—	0.033	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.268	—	—	0.033	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.293	—	—	0.033	mg/L	—	—	10-4141	CAPA-10-24144	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.285	—	—	0.033	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.2	—	—	0.45	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	0.45	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45	—	—	0.35	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.8	—	—	0.35	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.2	—	—	0.35	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.7	—	—	0.45	mg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.9	—	—	0.45	mg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47	—	—	0.35	mg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46	—	—	0.35	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.1	—	—	0.35	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.7	—	—	0.11	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	0.11	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	0.085	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	0.085	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.37	—	—	0.085	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	0.11	mg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	0.11	mg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.61	—	—	0.085	mg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.56	—	—	0.085	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	0.085	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.648	—	—	0.1	mg/L	—	J+	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.59	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.545	—	—	0.05	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.655	—	—	0.05	mg/L	—	J+	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.74	—	—	0.05	mg/L	—	J+	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.336	—	—	0.05	µg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.365	—	—	0.05	µg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.334	—	—	0.05	µg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.379	—	—	0.05	µg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.369	—	—	0.05	µg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.38	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	0.05	mg/L	—	J	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	0.05	mg/L	—	J	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	0.05	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	0.05	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	J+	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.98	—	—	0.1	mg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	J+	11-97	CAPA-10-27409	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.1	mg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1	µS/cm	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1	µS/cm	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	µS/cm	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1	µS/cm	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.92	—	—	0.1	mg/L	—	J	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.02	—	—	0.1	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.5	—	—	0.1	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.54	—	—	0.1	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.52	—	—	0.1	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.4	mg/L	—	J	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	J	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.357	—	—	0.33	mg/L	J	J	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-1219	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.489	—	—	0.33	mg/L	J	U	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.465	—	—	0.33	mg/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0248	—	—	0.015	mg/L	J	J	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.02	—	—	0.015	mg/L	J	J	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.03	—	—	0.015	mg/L	J	U	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.036	—	—	0.015	mg/L	J	U	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.038	—	—	0.015	mg/L	J	U	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	0.01	SU	H	J-	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	0.01	SU	H	J-	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	0.01	SU	H	J-	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	0.01	SU	H	J-	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.2	—	—	0.01	SU	H	J-	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	106	—	—	68	µg/L	J	J	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	129	—	—	68	µg/L	J	J	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	189	—	—	68	µg/L	J	J	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.8	—	—	1	µg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.8	—	—	1	µg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1	µg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16	—	—	1	µg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.8	—	—	1	µg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.7	—	—	1	µg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.4	—	—	1	µg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1	µg/L	—	—	11-97	CAPA-10-27409	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.4	—	—	1	µg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.9	—	—	1	µg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	70.2	—	—	30	µg/L	J	J	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	133	—	—	30	µg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	199	—	—	30	µg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	43.2	—	—	30	µg/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	62.3	—	—	30	µg/L	J	J	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.79	—	—	2	µg/L	J	J	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.4	—	—	2	µg/L	J	J	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.53	—	—	2	µg/L	J	J	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.62	—	—	2	µg/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2	µg/L	J	J	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	0.17	µg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.79	—	—	0.17	µg/L	—	J	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.44	—	—	0.1	µg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.71	—	—	0.1	µg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.35	—	—	0.1	µg/L	—	J	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	0.17	µg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.85	—	—	0.17	µg/L	—	J	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.26	—	—	0.1	µg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.66	—	—	0.1	µg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.51	—	—	0.1	µg/L	—	J	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.11	—	—	0.5	µg/L	J	J	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	1.36	—	—	0.5	µg/L	J	U	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.646	—	—	0.5	µg/L	J	J	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	0.5	µg/L	J	J	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.567	—	—	0.5	µg/L	J	J	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.03	—	—	0.5	µg/L	J	J	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.941	—	—	0.5	µg/L	J	U	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.826	—	—	0.5	µg/L	J	J	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.601	—	—	0.5	µg/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.692	—	—	0.5	µg/L	J	J	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.4	—	—	0.053	mg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.4	—	—	0.053	mg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.9	—	—	0.053	mg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.2	—	—	0.053	mg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.3	—	—	0.053	mg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1	µg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.1	—	—	1	µg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1	µg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1	µg/L	—	—	10-4141	CAPA-10-24144	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.4	—	—	1	µg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1	µg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.8	—	—	1	µg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1	µg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1	µg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1	µg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.299	—	—	0.067	µg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.389	—	—	0.067	µg/L	—	—	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.478	—	—	0.05	µg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.471	—	—	0.05	µg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.438	—	—	0.05	µg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.295	—	—	0.067	µg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.399	—	—	0.067	µg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.544	—	—	0.05	µg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.498	—	—	0.05	µg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.508	—	—	0.05	µg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.89	—	—	1	µg/L	—	—	11-2142	CAPA-11-9341	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.82	—	—	1	µg/L	J	U	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.56	—	—	1	µg/L	—	—	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.97	—	—	1	µg/L	—	—	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.13	—	—	1	µg/L	—	—	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.43	—	—	1	µg/L	J	U	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.84	—	—	1	µg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1	µg/L	—	—	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.27	—	—	1	µg/L	—	—	10-3296	CAPA-10-17901	GELC
R-39	8641	Single	859	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1220	CAPA-11-3027	GELC
R-39	8641	Single	859	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-97	CAPA-10-27411	GELC
R-39	8641	Single	859	08/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-4141	CAPA-10-24144	GELC
R-39	8641	Single	859	06/02/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.91	—	—	3.3	µg/L	J	J	10-3296	CAPA-10-17902	GELC
R-39	8641	Single	859	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	16.5	—	—	3.3	µg/L	—	—	11-2142	CAPA-11-9340	GELC
R-39	8641	Single	859	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.6	—	—	3.3	µg/L	—	—	11-1220	CAPA-11-3026	GELC
R-39	8641	Single	859	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.6	—	—	3.3	µg/L	—	—	11-97	CAPA-10-27409	GELC
R-39	8641	Single	859	08/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8	—	—	3.3	µg/L	J	J	10-4141	CAPA-10-24143	GELC
R-39	8641	Single	859	06/02/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.3	—	—	3.3	µg/L	—	—	10-3296	CAPA-10-17901	GELC
R-40	8691	R-40i	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	251	—	—	1	µS/cm	—	—	11-223	CAPA-10-26919	GELC
R-40	8691	R-40i	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1	µS/cm	—	—	10-3892	CAPA-10-24071	GELC
R-40	8691	R-40i	649.7	10/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	0.01	SU	H	J-	11-223	CAPA-10-26919	GELC
R-40	8691	R-40i	649.7	07/28/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.58	—	—	0.01	SU	H	J-	10-3892	CAPA-10-24071	GELC
R-40	8701	P1A	751.6	01/21/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	210	—	—	1	µS/cm	—	—	11-1180	CAPA-11-2997	GELC
R-40	8701	P1A	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	200	—	—	1	µS/cm	—	—	11-223	CAPA-10-26920	GELC
R-40	8701	P1A	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1	µS/cm	—	—	10-3892	CAPA-10-24074	GELC
R-40	8701	P1A	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1	µS/cm	—	—	10-3308	CAPA-10-17905	GELC
R-40	8701	P1A	751.6	01/21/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.48	—	—	0.01	SU	H	J-	11-1180	CAPA-11-2997	GELC
R-40	8701	P1A	751.6	10/20/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.36	—	—	0.01	SU	H	J-	11-223	CAPA-10-26920	GELC
R-40	8701	P1A	751.6	07/28/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	0.01	SU	H	J-	10-3892	CAPA-10-24074	GELC
R-40	8701	P1A	751.6	06/04/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	0.01	SU	H	J-	10-3308	CAPA-10-17905	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.5	—	—	0.73	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.5	—	—	0.73	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.4	—	—	0.73	mg/L	—	—	11-1139	CAPA-11-3029	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	0.73	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	0.73	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.6	—	—	0.73	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0169	—	—	0.016	mg/L	J	J	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.046	—	—	0.016	mg/L	J	J-	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	0.05	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	0.05	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.05	mg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	0.05	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.05	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.05	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	2	—	—	0.066	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.03	—	—	0.066	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.87	—	—	0.066	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	0.066	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.95	—	—	0.066	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	0.066	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.252	—	—	0.033	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	0.033	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.217	—	—	0.033	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	0.033	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.248	—	—	0.033	mg/L	—	J-	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.236	—	—	0.033	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.45	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	0.45	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	0.45	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	0.35	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.35	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	0.35	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	40.3	—	—	0.45	mg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.45	mg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	0.45	mg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	0.35	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.6	—	—	0.35	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.35	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	0.11	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	0.11	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.11	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	0.085	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	0.085	mg/L	—	—	10-3850	CAPA-10-24147	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.085	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.11	mg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	0.11	mg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	0.11	mg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	0.085	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	0.085	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	0.085	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.388	—	—	0.1	mg/L	J	J	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.363	—	—	0.1	mg/L	J	J	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.359	—	—	0.05	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.493	—	—	0.05	mg/L	—	U	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.366	—	—	0.05	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.385	—	—	0.05	mg/L	—	J+	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.261	—	—	0.05	µg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.257	—	—	0.05	µg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.289	—	—	0.05	µg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.288	—	—	0.05	µg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.268	—	—	0.05	µg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.293	—	—	0.05	µg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	0.05	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	0.05	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	0.05	mg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	0.05	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	0.05	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	0.05	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1	µS/cm	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	121	—	—	1	µS/cm	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1	µS/cm	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	µS/cm	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1	µS/cm	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1	µS/cm	—	—	10-3308	CAPA-10-17907	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	2.16	—	—	0.1	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.17	—	—	0.1	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.1	—	—	0.1	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.19	—	—	0.1	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.65	—	—	0.1	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.47	—	—	0.1	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.4	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.4	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.4	mg/L	—	J	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.52	—	—	0.33	mg/L	J	J	11-2195	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.487	—	—	0.33	mg/L	J	J	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.344	—	—	0.33	mg/L	J	J	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.498	—	—	0.33	mg/L	J	J	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.365	—	—	0.33	mg/L	J	J	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.87	—	—	0.01	SU	H	J-	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J-	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	0.01	SU	H	J-	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	0.01	SU	H	J-	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	0.01	SU	H	J-	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	0.01	SU	H	J-	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	25	—	—	1	µg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1	µg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.4	—	—	1	µg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.4	—	—	1	µg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.8	—	—	1	µg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1	µg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	23.9	—	—	1	µg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.2	—	—	1	µg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.6	—	—	1	µg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1	µg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.4	—	—	1	µg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.1	—	—	1	µg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	14	—	—	3	µg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	34.8	—	—	30	µg/L	J	U	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	32	—	—	30	µg/L	J	J	11-2196	CAPA-11-9306	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.1	—	—	30	µg/L	J	J	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	56.3	—	—	30	µg/L	J	J	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	125	—	—	30	µg/L	—	U	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	126	—	—	30	µg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	242	—	—	30	µg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	0.17	µg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	0.17	µg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.35	—	—	0.17	µg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.76	—	—	0.1	µg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.25	—	—	0.1	µg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.48	—	—	0.1	µg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.36	—	—	0.17	µg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	0.17	µg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	0.17	µg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	0.1	µg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.19	—	—	0.1	µg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.43	—	—	0.1	µg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.533	—	—	0.5	µg/L	J	J	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.602	—	—	0.5	µg/L	J	J	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	0.5	µg/L	J	J	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.792	—	—	0.5	µg/L	J	J	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.84	—	—	0.5	µg/L	—	J	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.605	—	—	0.5	µg/L	J	J	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.64	—	—	0.5	µg/L	J	J	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.906	—	—	0.5	µg/L	J	J	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.561	—	—	0.5	µg/L	J	J	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.695	—	—	0.5	µg/L	J	J	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	1.37	—	—	0.5	µg/L	J	U	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	74.3	—	—	0.053	mg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	0.053	mg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.2	—	—	0.053	mg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.7	—	—	0.053	mg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	0.053	mg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.5	—	—	0.053	mg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	51.6	—	—	1	µg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1	µg/L	—	—	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.5	—	—	1	µg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.4	—	—	1	µg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54	—	—	1	µg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1	µg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1	µg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.6	—	—	1	µg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.3	—	—	1	µg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1	µg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1	µg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.5	—	—	1	µg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.283	—	—	0.067	µg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.292	—	—	0.067	µg/L	—	—	11-2196	CAPA-11-9343	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.328	—	—	0.067	µg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.298	—	—	0.05	µg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.321	—	—	0.05	µg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.245	—	—	0.05	µg/L	—	—	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.313	—	—	0.067	µg/L	—	—	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.299	—	—	0.067	µg/L	—	—	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.329	—	—	0.067	µg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	0.05	µg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.348	—	—	0.05	µg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	0.05	µg/L	—	—	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	µg/L	—	—	11-2196	CAPA-11-9307	GELC
R-40	8711	P2A	849.3	04/26/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.79	—	—	1	µg/L	J	J	11-2196	CAPA-11-9343	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.81	—	—	1	µg/L	—	—	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.31	—	—	1	µg/L	—	—	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.71	—	—	1	µg/L	J	J	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.38	—	—	1	µg/L	J	J	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1	µg/L	J	J	11-2196	CAPA-11-9306	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.65	—	—	1	µg/L	J	J	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1	µg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.57	—	—	1	µg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1	µg/L	J	J	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.55	—	—	1	µg/L	J	J	10-3308	CAPA-10-17908	GELC
R-40	8711	P2A	849.3	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.31	—	—	3.3	µg/L	J	J	11-1139	CAPA-11-3029	GELC
R-40	8711	P2A	849.3	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.56	—	—	3.3	µg/L	J	J	11-200	CAPA-10-27412	GELC
R-40	8711	P2A	849.3	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.4	—	—	3.3	µg/L	—	—	10-3850	CAPA-10-24147	GELC
R-40	8711	P2A	849.3	06/03/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.31	—	—	3.3	µg/L	J	J	10-3308	CAPA-10-17907	GELC
R-40	8711	P2A	849.3	04/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.65	—	—	3.3	µg/L	J	J	11-2196	CAPA-11-9344	GELC
R-40	8711	P2A	849.3	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.5	—	—	3.3	µg/L	—	—	11-1139	CAPA-11-3030	GELC
R-40	8711	P2A	849.3	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.4	—	—	3.3	µg/L	—	—	11-200	CAPA-10-27413	GELC
R-40	8711	P2A	849.3	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	27.3	—	—	3.3	µg/L	—	—	10-3850	CAPA-10-24145	GELC
R-40	8711	P2A	849.3	06/03/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	40.5	—	—	3.3	µg/L	—	—	10-3308	CAPA-10-17908	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.3	—	—	0.73	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.9	—	—	0.73	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.2	—	—	0.73	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.5	—	—	0.73	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.3	—	—	0.73	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.2	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	0.05	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	0.05	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	0.05	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.2	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.1	—	—	0.05	mg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	0.05	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	0.05	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.98	—	—	0.066	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.02	—	—	0.066	mg/L	—	J	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.05	—	—	0.066	mg/L	—	J+	11-97	CAPA-10-27404	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.07	—	—	0.066	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.99	—	—	0.066	mg/L	—	J	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.337	—	—	0.033	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.306	—	—	0.033	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.298	—	—	0.033	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.338	—	—	0.033	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.304	—	—	0.033	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.8	—	—	0.45	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.3	—	—	0.35	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.4	—	—	0.35	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.1	—	—	0.35	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.5	—	—	0.35	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.4	—	—	0.45	mg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.5	—	—	0.35	mg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.3	—	—	0.35	mg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52	—	—	0.35	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.9	—	—	0.35	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.08	—	—	0.11	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.84	—	—	0.085	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.9	—	—	0.085	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4	—	—	0.085	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.9	—	—	0.085	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.28	—	—	0.11	mg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4	—	—	0.085	mg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	0.085	mg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.96	—	—	0.085	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.93	—	—	0.085	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.685	—	—	0.1	mg/L	—	J+	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.575	—	—	0.05	mg/L	—	J-	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.555	—	—	0.05	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.66	—	—	0.05	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	0.05	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.375	—	—	0.05	µg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.395	—	—	0.05	µg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.421	—	—	0.05	µg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	0.05	µg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.362	—	—	0.05	µg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	0.05	mg/L	—	J	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	0.05	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	0.05	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	0.05	mg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.06	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	0.05	mg/L	—	J	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	0.05	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.97	—	—	0.05	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	0.1	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	0.1	mg/L	—	—	11-1069	CAPA-11-3033	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	0.1	mg/L	—	J+	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	0.1	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	0.1	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	0.1	mg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	0.1	mg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	—	J+	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	0.1	mg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	0.1	mg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	158	—	—	1	µS/cm	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1	µS/cm	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1	µS/cm	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1	µS/cm	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1	µS/cm	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.55	—	—	0.1	mg/L	—	J	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.5	—	—	0.1	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.64	—	—	0.1	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.59	—	—	0.1	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.69	—	—	0.1	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	167	—	—	2.4	mg/L	—	J	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	J	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.4	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.428	—	—	0.33	mg/L	J	J	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-1068	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.416	—	—	0.33	mg/L	J	U	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.51	—	—	0.33	mg/L	J	J	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0316	—	—	0.015	mg/L	J	J	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.035	—	—	0.015	mg/L	J	J	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.034	—	—	0.015	mg/L	J	U	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.101	—	—	0.015	mg/L	—	U	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.063	—	—	0.015	mg/L	—	U	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	0.01	SU	H	J-	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	0.01	SU	H	J-	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	0.01	SU	H	J-	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.6	—	—	1	µg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.9	—	—	1	µg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1	µg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1	µg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29	—	—	1	µg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1	µg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1	µg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1	µg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.3	—	—	1	µg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1	µg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	15	µg/L	J	J	11-2142	CAPA-11-9357	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.9	—	—	15	µg/L	J	J	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	15	µg/L	J	J	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.3	—	—	15	µg/L	J	J	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.5	—	—	15	µg/L	J	J	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	30.1	—	—	30	µg/L	J	J	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.85	—	—	0.17	µg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.51	—	—	0.17	µg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.29	—	—	0.1	µg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.32	—	—	0.1	µg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.18	—	—	0.1	µg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.8	—	—	0.17	µg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.57	—	—	0.17	µg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.01	—	—	0.1	µg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.92	—	—	0.1	µg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.07	—	—	0.1	µg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.12	—	—	0.5	µg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.59	—	—	0.5	µg/L	J	J	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.83	—	—	0.5	µg/L	J	J	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.94	—	—	0.5	µg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.97	—	—	0.5	µg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.17	—	—	0.5	µg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.82	—	—	0.5	µg/L	J	J	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.49	—	—	0.5	µg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.57	—	—	0.5	µg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.85	—	—	0.5	µg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.7	—	—	0.053	mg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.6	—	—	0.053	mg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.5	—	—	0.053	mg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.1	—	—	0.053	mg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.7	—	—	0.053	mg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1	µg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.5	—	—	1	µg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75	—	—	1	µg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.8	—	—	1	µg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.4	—	—	1	µg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.9	—	—	1	µg/L	—	—	11-2142	CAPA-11-9358	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.6	—	—	1	µg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.2	—	—	1	µg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	76.2	—	—	1	µg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.6	—	—	1	µg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.393	—	—	0.067	µg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.556	—	—	0.067	µg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.684	—	—	0.05	µg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.733	—	—	0.05	µg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.615	—	—	0.05	µg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.399	—	—	0.067	µg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.541	—	—	0.067	µg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.709	—	—	0.05	µg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.715	—	—	0.05	µg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.621	—	—	0.05	µg/L	—	—	10-3369	CAPA-10-17910	GELC
R-41	8791	P2A	965.3	04/21/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.77	—	—	1	µg/L	—	—	11-2142	CAPA-11-9357	GELC
R-41	8791	P2A	965.3	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.23	—	—	1	µg/L	—	—	11-1069	CAPA-11-3033	GELC
R-41	8791	P2A	965.3	10/08/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.87	—	—	1	µg/L	—	—	11-97	CAPA-10-27404	GELC
R-41	8791	P2A	965.3	08/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.14	—	—	1	µg/L	—	—	10-4075	CAPA-10-24129	GELC
R-41	8791	P2A	965.3	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.67	—	—	1	µg/L	—	—	10-3369	CAPA-10-17912	GELC
R-41	8791	P2A	965.3	04/21/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.92	—	—	1	µg/L	—	—	11-2142	CAPA-11-9358	GELC
R-41	8791	P2A	965.3	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1	µg/L	—	—	11-1069	CAPA-11-3032	GELC
R-41	8791	P2A	965.3	10/08/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.11	—	—	1	µg/L	—	—	11-97	CAPA-10-27405	GELC
R-41	8791	P2A	965.3	08/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1	µg/L	—	—	10-4075	CAPA-10-24131	GELC
R-41	8791	P2A	965.3	06/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.48	—	—	1	µg/L	—	—	10-3369	CAPA-10-17910	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.2	—	—	0.73	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.9	—	—	0.73	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.2	—	—	0.73	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.5	—	—	0.73	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	86.9	—	—	0.73	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0976	—	—	0.016	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.043	—	—	0.016	mg/L	J	U	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0183	—	—	0.016	mg/L	J	J-	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.025	—	—	0.016	mg/L	J	U	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0797	—	—	0.066	mg/L	J	J	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	0.05	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	0.05	mg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	10-3411	CAPA-10-17856	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.89	—	—	0.066	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.75	—	—	0.066	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.76	—	—	0.066	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.74	—	—	0.066	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.61	—	—	0.066	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.334	—	—	0.033	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.255	—	—	0.033	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.292	—	—	0.033	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.239	—	—	0.033	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.213	—	—	0.033	mg/L	—	J-	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.5	—	—	0.45	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.5	—	—	0.45	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.2	—	—	0.35	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44	—	—	0.35	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.6	—	—	0.35	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46	—	—	0.45	mg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.9	—	—	0.45	mg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.5	—	—	0.35	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	0.35	mg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.9	—	—	0.35	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.75	—	—	0.11	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.68	—	—	0.11	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	0.085	mg/L	—	J	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.085	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.65	—	—	0.085	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.64	—	—	0.11	mg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.85	—	—	0.11	mg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	0.085	mg/L	—	J	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.76	—	—	0.085	mg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.64	—	—	0.085	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.405	—	—	0.01	mg/L	—	J-	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.555	—	—	0.05	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.457	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.635	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.685	—	—	0.05	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.29	—	—	0.05	µg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.307	—	—	0.05	µg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.295	—	—	0.05	µg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.316	—	—	0.05	µg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	0.05	µg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	0.05	mg/L	—	J	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	0.05	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	0.05	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	0.05	mg/L	—	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	0.05	mg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24650	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	0.1	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.6	—	—	0.1	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	0.1	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	0.1	mg/L	N	J+	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.5	—	—	0.1	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.1	mg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	0.1	mg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	0.1	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.1	—	—	0.1	mg/L	N	J+	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	0.1	mg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	155	—	—	1	µS/cm	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	156	—	—	1	µS/cm	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	160	—	—	1	µS/cm	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	155	—	—	1	µS/cm	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	159	—	—	1	µS/cm	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.56	—	—	0.1	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.43	—	—	0.1	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.59	—	—	0.1	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.5	—	—	0.1	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.59	—	—	0.1	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.4	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.4	mg/L	—	J	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.666	—	—	0.33	mg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.15	—	—	0.33	mg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.31	—	—	0.33	mg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.88	—	—	0.33	mg/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.615	—	—	0.33	mg/L	J	J	10-3410	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	0.01	SU	H	J-	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	0.01	SU	H	J-	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	0.01	SU	H	J-	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	0.01	SU	H	J-	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	69	—	—	68	µg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	76.2	—	—	68	µg/L	J	J	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	141	—	—	68	µg/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	467	—	—	68	µg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	198	—	—	68	µg/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.42	—	—	1.7	µg/L	J	J	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.95	—	—	1.7	µg/L	J	J	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2.38	—	—	1.5	µg/L	J	U	10-3908	CAPA-10-24651	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.91	—	—	1.7	µg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.22	—	—	1.5	µg/L	J	U	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.03	—	—	1.5	µg/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.6	—	—	1	µg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1	µg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	µg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22	—	—	1	µg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.7	—	—	1	µg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.7	—	—	1	µg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1	µg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.7	—	—	1	µg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.6	—	—	1	µg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	1	µg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	15	µg/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	15	µg/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.5	—	—	15	µg/L	J	J	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.5	—	—	15	µg/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.6	—	—	15	µg/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	35.4	—	—	30	µg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	151	—	—	30	µg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	52.3	—	—	30	µg/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	238	—	—	30	µg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	193	—	—	30	µg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.97	—	—	2	µg/L	J	J	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.21	—	—	2	µg/L	J	J	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.92	—	—	2	µg/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.1	—	—	2	µg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.45	—	—	2	µg/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.82	—	—	2	µg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.62	—	—	2	µg/L	J	J	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.15	—	—	2	µg/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.3	—	—	2	µg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.93	—	—	2	µg/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.06	—	—	0.17	µg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.13	—	—	0.17	µg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.44	—	—	0.1	µg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.08	—	—	0.1	µg/L	—	—	10-3908	CAPA-10-24651	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.38	—	—	0.1	µg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.07	—	—	0.17	µg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.11	—	—	0.17	µg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.66	—	—	0.1	µg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.01	—	—	0.1	µg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.33	—	—	0.1	µg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.879	—	—	0.5	µg/L	J	J	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.16	—	—	0.5	µg/L	J	J	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.68	—	—	0.5	µg/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	0.5	µg/L	J	J	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.25	—	—	0.5	µg/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.872	—	—	0.5	µg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.57	—	—	0.5	µg/L	J	J	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.33	—	—	0.5	µg/L	J	J	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	0.5	µg/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.63	—	—	0.5	µg/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.9	—	—	0.053	mg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.4	—	—	0.053	mg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.9	—	—	0.053	mg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.9	—	—	0.053	mg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	0.053	mg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.1	—	—	1	µg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	61.7	—	—	1	µg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.8	—	—	1	µg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.6	—	—	1	µg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1	µg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1	µg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.1	—	—	1	µg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.6	—	—	1	µg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	75	—	—	1	µg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.2	—	—	1	µg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.878	—	—	0.067	µg/L	—	—	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.07	—	—	0.067	µg/L	—	—	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.26	—	—	0.05	µg/L	—	—	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	0.05	µg/L	—	—	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.19	—	—	0.05	µg/L	—	—	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	0.067	µg/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.22	—	—	0.067	µg/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.48	—	—	0.05	µg/L	—	—	11-93	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.03	—	—	0.05	µg/L	—	—	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.57	—	—	0.05	µg/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.78	—	—	1	µg/L	J	J	11-2263	CAPA-11-9367	GELC
R-49	8831	P1A	845	01/19/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.13	—	—	1	µg/L	J	J	11-1142	CAPA-11-3037	GELC
R-49	8831	P1A	845	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.87	—	—	1	µg/L	J	J	11-93	CAPA-10-27420	GELC
R-49	8831	P1A	845	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.66	—	—	1	µg/L	J	J	10-3908	CAPA-10-24651	GELC
R-49	8831	P1A	845	06/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.84	—	—	1	µg/L	J	J	10-3411	CAPA-10-17857	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.24	—	—	1	µg/L	J	J	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.14	—	—	1	µg/L	J	J	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.21	—	—	1	µg/L	J	J	11-93	CAPA-10-27418	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.97	—	—	1	µg/L	J	J	10-3908	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.81	—	—	1	µg/L	J	J	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-13.2	2.03E+00	1.60E+01	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-3.09	1.73E+00	1.70E+01	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0149	2.37E-03	5.00E-02	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000721	2.90E-03	2.90E-02	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000371	9.00E-04	3.60E-02	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00747	1.63E-03	2.90E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00803	2.73E-03	2.20E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	5.85	6.67E+00	6.80E+01	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	9.52	1.70E+00	8.00E+00	—	pCi/L	UI	R	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	0.575	5.00E-01	5.20E+00	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.129	4.33E-01	4.30E+00	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.78	3.67E-01	2.90E+00	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.703	5.33E-01	5.20E+00	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.7	5.33E-01	4.60E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.376	4.33E-01	4.30E+00	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.24	5.00E-01	4.60E+00	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.18	3.33E-01	3.30E+00	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.635	5.33E-01	5.50E+00	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.65	6.00E-01	5.70E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.891	4.33E-01	4.50E+00	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.14	2.93E-01	2.90E+00	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.93	2.80E-01	2.00E+00	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.67	4.33E-01	2.40E+00	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	4.73	4.33E-01	2.20E+00	—	pCi/L	—	—	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	—	3.37	3.67E-01	2.40E+00	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.68	3.00E-01	2.60E+00	—	pCi/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.62	3.67E-01	3.30E+00	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.02	3.67E-01	2.60E+00	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.903	2.57E-01	2.90E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.21	2.90E-01	2.50E+00	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	—	14.5	1.47E+00	8.10E+00	—	pCi/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	11.1	2.47E+00	1.00E+01	—	pCi/L	UI	R	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00169	1.70E-03	2.70E-02	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00575	1.43E-03	2.10E-02	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00403	9.67E-04	2.30E-02	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00847	1.73E-03	1.90E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00428	1.00E-03	3.20E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00506	1.13E-03	4.30E-02	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	6.33E-04	3.80E-02	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00202	1.17E-03	3.90E-02	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.05E-10	1.73E-03	3.10E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00642	1.23E-03	3.00E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.7	8.00E+00	8.10E+01	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.3	5.67E+00	6.10E+01	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.3	5.67E+00	6.20E+01	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.7	7.00E+00	6.80E+01	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.28	5.67E+00	5.60E+01	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-187	5.67E+01	4.70E+02	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.11	4.67E-01	4.20E+00	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.07	4.67E-01	5.00E+00	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.688	5.33E-01	5.40E+00	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.608	4.33E-01	4.50E+00	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.31	4.00E-01	4.30E+00	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0919	4.67E-02	5.00E-01	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.188	4.33E-02	4.80E-01	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.14	4.67E-02	4.90E-01	—	pCi/L	U	U	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.367	5.00E-02	4.80E-01	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00909	4.33E-02	4.90E-01	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.0726	6.00E-01	6.00E+00	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	12.7	1.87E+01	1.90E+02	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.818	2.87E-02	1.20E-01	—	pCi/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.923	2.70E-02	5.00E-02	—	pCi/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.15	3.07E-02	3.20E-02	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.15	4.33E-02	2.00E-01	—	pCi/L	—	J+	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.871	2.63E-02	6.10E-02	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	5.49	3.30E+00	3.20E+01	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0111	6.00E-03	9.00E-02	—	pCi/L	U	U	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.025	3.00E-03	3.70E-02	—	pCi/L	U	U	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0546	4.33E-03	2.50E-02	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0672	9.00E-03	9.30E-02	—	pCi/L	U	U	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0172	2.60E-03	4.10E-02	—	pCi/L	U	U	10-3411	CAPA-10-17856	GELC
R-49	8831	P1A	845	05/02/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.279	1.40E-02	6.10E-02	—	pCi/L	—	—	11-2263	CAPA-11-9366	GELC
R-49	8831	P1A	845	01/19/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.338	1.27E-02	3.50E-02	—	pCi/L	—	—	11-1142	CAPA-11-3036	GELC
R-49	8831	P1A	845	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.459	1.47E-02	2.00E-02	—	pCi/L	—	—	11-92	CAPA-10-27418	GELC
R-49	8831	P1A	845	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.571	2.60E-02	1.20E-01	—	pCi/L	—	J+	10-3907	CAPA-10-24650	GELC
R-49	8831	P1A	845	06/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.42	1.53E-02	4.60E-02	—	pCi/L	—	—	10-3411	CAPA-10-17856	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	0.73	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	0.73	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.3	—	—	0.73	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58	—	—	0.73	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.2	—	—	0.73	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.05	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	0.05	mg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.54	—	—	0.066	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.34	—	—	0.066	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.44	—	—	0.066	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.37	—	—	0.066	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.36	—	—	0.066	mg/L	—	J	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	0.033	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.268	—	—	0.033	mg/L	—	—	11-1220	CAPA-11-3038	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.288	—	—	0.033	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.231	—	—	0.033	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	0.033	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	0.45	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.2	—	—	0.45	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	<	1.24	—	—	0.35	mg/L	U	U	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.3	—	—	0.35	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.5	—	—	0.45	mg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	0.45	mg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	0.35	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	0.35	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.59	—	—	0.11	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	0.11	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	0.085	mg/L	—	J	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.085	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.83	—	—	0.11	mg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	0.11	mg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	0.085	mg/L	—	J	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	0.085	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.566	—	—	0.01	mg/L	—	J-	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.635	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.6	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.695	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.685	—	—	0.05	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.346	—	—	0.05	µg/L	—	J+	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.363	—	—	0.05	µg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.365	—	—	0.05	µg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.334	—	—	0.05	µg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.345	—	—	0.05	µg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	J	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	J	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	0.05	mg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.36	—	—	0.05	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	0.05	mg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.5	—	—	0.1	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	N	J+	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.18	—	—	0.1	mg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	N	J+	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	138	—	—	1	µS/cm	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1	µS/cm	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	µS/cm	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1	µS/cm	—	—	10-3908	CAPA-10-24140	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.78	—	—	0.1	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.54	—	—	0.1	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.52	—	—	0.1	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.4	—	—	0.1	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.45	—	—	0.1	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.4	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.4	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	0.01	SU	H	J-	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	0.01	SU	H	J-	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1	µg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.1	—	—	1	µg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.6	—	—	1	µg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1	µg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1	µg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.8	—	—	1	µg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.9	—	—	1	µg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1	µg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15	—	—	15	µg/L	J	J	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.23	—	—	2	µg/L	J	J	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	2	µg/L	JN	J-	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.34	—	—	2.5	µg/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.35	—	—	2.5	µg/L	J	J	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.12	—	—	2	µg/L	JN	J-	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.39	—	—	2.5	µg/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.68	—	—	2.5	µg/L	J	J	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	39.4	—	—	30	µg/L	J	J	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	0.17	µg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.66	—	—	0.17	µg/L	—	J	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	0.1	µg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.38	—	—	0.1	µg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.17	µg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	0.17	µg/L	—	J	11-1220	CAPA-11-3039	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.44	—	—	0.1	µg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	0.1	µg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.754	—	—	0.5	µg/L	J	J	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.665	—	—	0.5	µg/L	J	U	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.05	—	—	0.5	µg/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.642	—	—	0.5	µg/L	J	J	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.704	—	—	0.5	µg/L	J	J	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	1.71	—	—	0.5	µg/L	J	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.652	—	—	0.5	µg/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.2	—	—	0.053	mg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.8	—	—	0.053	mg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.8	—	—	0.053	mg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	0.053	mg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	06/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	0.053	mg/L	—	—	10-3367	CAPA-10-17899	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1	µg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.1	—	—	1	µg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.1	—	—	1	µg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.1	—	—	1	µg/L	—	—	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.4	—	—	1	µg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.7	—	—	1	µg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.4	—	—	1	µg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.2	—	—	1	µg/L	—	—	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.338	—	—	0.067	µg/L	—	—	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.357	—	—	0.067	µg/L	—	—	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.349	—	—	0.05	µg/L	—	—	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.302	—	—	0.05	µg/L	—	U	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.324	—	—	0.067	µg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.344	—	—	0.067	µg/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.355	—	—	0.05	µg/L	—	—	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.297	—	—	0.05	µg/L	—	U	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.83	—	—	1	µg/L	J	J	11-2250	CAPA-11-9377	GELC
R-49	8841	P2A	905.6	01/26/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.11	—	—	1	µg/L	J	U	11-1220	CAPA-11-3038	GELC
R-49	8841	P2A	905.6	10/07/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.49	—	—	1	µg/L	J	J	11-93	CAPA-10-27422	GELC
R-49	8841	P2A	905.6	07/29/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.03	—	—	1	µg/L	J	J	10-3908	CAPA-10-24140	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.66	—	—	1	µg/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.38	—	—	1	µg/L	J	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.83	—	—	1	µg/L	J	J	11-93	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.89	—	—	1	µg/L	J	J	10-3908	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	2.18	2.20E+00	2.30E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	4.48	3.67E+00	3.90E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0114	1.43E-03	3.30E-02	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00295	1.87E-03	2.80E-02	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00152	6.00E-04	3.50E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00132	1.80E-03	4.10E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00165	1.43E-03	2.30E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	10	6.67E+00	7.00E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	5.61	1.80E+00	1.60E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-1.47	5.33E-01	4.90E+00	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.66	6.67E-01	6.00E+00	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.49	7.00E-01	6.10E+00	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.321	5.67E-01	5.60E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.767	4.67E-01	4.70E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.687	5.00E-01	4.80E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.56	5.67E-01	5.10E+00	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.91	4.67E-01	5.00E+00	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.04	5.33E-01	5.90E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.991	4.33E-01	4.60E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.16	5.00E-01	5.50E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.19	3.33E-01	2.90E+00	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.333	2.17E-01	2.40E+00	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.432	2.10E-01	2.60E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.409	1.83E-01	2.20E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.182	1.90E-01	2.40E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.1	2.97E-01	2.90E+00	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.456	2.37E-01	2.50E+00	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.8	2.67E-01	2.50E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.12	2.90E-01	2.90E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.627	2.50E-01	2.50E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	-2.42	1.03E+00	1.00E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	6.54	1.97E+00	1.60E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.002	6.67E-04	3.10E-02	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00906	1.70E-03	2.50E-02	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.57E-03	2.70E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.33E-04	2.20E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00195	1.13E-03	3.00E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.002	1.17E-03	5.10E-02	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	7.67E-04	4.10E-02	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00235	1.37E-03	4.60E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0075	1.87E-03	3.60E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0039	1.83E-03	2.70E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.01	5.33E+00	4.90E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30	6.33E+00	7.10E+01	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-26.7	6.33E+00	5.70E+01	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-48.8	6.33E+00	5.00E+01	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	7.00E+00	7.50E+01	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	143	6.33E+01	6.50E+02	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0712	4.67E-01	4.50E+00	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.88	6.33E-01	5.50E+00	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.34	5.33E-01	5.90E+00	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.48	4.67E-01	5.30E+00	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.474	5.00E-01	4.90E+00	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.385	5.33E-02	5.00E-01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.149	4.33E-02	4.90E-01	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.166	5.00E-02	4.90E-01	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.054	4.00E-02	4.30E-01	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.000377	4.67E-02	4.90E-01	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.197	6.33E-01	5.70E+00	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-37.1	3.23E+01	3.20E+02	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.282	1.30E-02	9.50E-02	—	pCi/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.249	1.07E-02	5.10E-02	—	pCi/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.24	9.00E-03	3.20E-02	—	pCi/L	—	—	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.191	9.67E-03	8.80E-02	—	pCi/L	—	—	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.25	1.03E-02	5.50E-02	—	pCi/L	—	—	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-2.47	3.67E+00	3.40E+01	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00453	2.60E-03	7.30E-02	—	pCi/L	U	U	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00956	2.40E-03	3.80E-02	—	pCi/L	U	U	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0115	2.33E-03	2.40E-02	—	pCi/L	U	U	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	2.17E-03	4.10E-02	—	pCi/L	U	U	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00313	1.80E-03	3.70E-02	—	pCi/L	U	U	10-3366	CAPA-10-17898	GELC
R-49	8841	P2A	905.6	04/29/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.168	9.33E-03	5.00E-02	—	pCi/L	—	—	11-2250	CAPA-11-9378	GELC
R-49	8841	P2A	905.6	01/26/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.121	6.67E-03	3.70E-02	—	pCi/L	—	—	11-1220	CAPA-11-3039	GELC
R-49	8841	P2A	905.6	10/07/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0859	4.67E-03	1.90E-02	—	pCi/L	—	—	11-92	CAPA-10-27423	GELC
R-49	8841	P2A	905.6	07/29/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.139	7.67E-03	5.30E-02	—	pCi/L	—	—	10-3907	CAPA-10-24139	GELC
R-49	8841	P2A	905.6	06/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	6.33E-03	4.10E-02	—	pCi/L	—	—	10-3366	CAPA-10-17898	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	0.73	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.5	—	—	0.73	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	0.73	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70	—	—	0.73	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.2	—	—	0.73	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0331	—	—	0.016	mg/L	J	J	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.032	—	—	0.016	mg/L	J	J-	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.06	—	—	0.016	mg/L	—	U	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	N	J+	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	N	J+	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.05	—	—	0.066	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.02	—	—	0.066	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	0.066	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.99	—	—	0.066	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	0.066	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.276	—	—	0.033	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.258	—	—	0.033	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	0.033	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.255	—	—	0.033	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.222	—	—	0.033	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.45	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.7	—	—	0.35	mg/L	—	—	11-1058	CAPA-11-3042	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	0.35	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.4	—	—	0.35	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	0.35	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	0.45	mg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	0.35	mg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.2	—	—	0.35	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	0.35	mg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	0.35	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.11	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	0.085	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	0.085	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.65	—	—	0.085	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.67	—	—	0.085	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.66	—	—	0.11	mg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.65	—	—	0.085	mg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	0.085	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	0.085	mg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	0.085	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.329	—	—	0.1	mg/L	J	J-	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.252	—	—	0.05	mg/L	—	J-	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.338	—	—	0.05	mg/L	—	J	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.342	—	—	0.05	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.322	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.264	—	—	0.05	µg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.281	—	—	0.05	µg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.292	—	—	0.05	µg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	0.05	µg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.283	—	—	0.05	µg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.38	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	0.05	mg/L	—	J	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.47	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.3	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	0.05	mg/L	—	J	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	0.1	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	N	J+	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.1	—	—	0.1	mg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.1	mg/L	N	J+	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1	µS/cm	—	—	11-2362	CAPA-11-9404	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1	µS/cm	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1	µS/cm	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1	µS/cm	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	130	—	—	1	µS/cm	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.09	—	—	0.1	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.24	—	—	0.1	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.18	—	—	0.1	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3	—	—	0.1	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.04	—	—	0.1	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.4	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.4	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	J	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.433	—	—	0.33	mg/L	J	J	11-2361	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-1057	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.479	—	—	0.33	mg/L	J	J	11-205	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.353	—	—	0.33	mg/L	J	J	10-3838	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.473	—	—	0.33	mg/L	J	J	10-3459	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	0.01	SU	H	J-	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.32	—	—	0.01	SU	H	J-	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	0.01	SU	H	J-	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.27	—	—	0.01	SU	H	J-	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.25	—	—	0.01	SU	H	J-	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1	µg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1	µg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	µg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1	µg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.4	—	—	1	µg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.8	—	—	1	µg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1	µg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1	µg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1	µg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.2	—	—	1	µg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.1	—	—	30	µg/L	J	J	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	49.8	—	—	30	µg/L	J	J	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	67.7	—	—	30	µg/L	J	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	52.8	—	—	30	µg/L	J	J	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	55.1	—	—	30	µg/L	J	J	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	0.17	µg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.17	µg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.38	—	—	0.1	µg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	0.1	µg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.28	—	—	0.1	µg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.32	—	—	0.17	µg/L	—	—	11-2362	CAPA-11-9405	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	0.17	µg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.46	—	—	0.1	µg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	0.1	µg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	0.1	µg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.666	—	—	0.5	µg/L	J	J	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.601	—	—	0.5	µg/L	J	J	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.84	—	—	0.5	µg/L	J	J	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.807	—	—	0.5	µg/L	J	J	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.993	—	—	0.5	µg/L	J	J	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.568	—	—	0.5	µg/L	J	J	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.598	—	—	0.5	µg/L	J	J	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	0.053	mg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70	—	—	0.053	mg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	0.053	mg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.8	—	—	0.053	mg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.6	—	—	0.053	mg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.1	—	—	1	µg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.3	—	—	1	µg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1	µg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1	µg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.3	—	—	1	µg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	71.8	—	—	1	µg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.8	—	—	1	µg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1	µg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	1	µg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1	µg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.225	—	—	0.067	µg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.338	—	—	0.067	µg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.327	—	—	0.05	µg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.329	—	—	0.05	µg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.318	—	—	0.05	µg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.233	—	—	0.067	µg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.326	—	—	0.067	µg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.351	—	—	0.05	µg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.348	—	—	0.05	µg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.302	—	—	0.05	µg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.48	—	—	1	µg/L	—	—	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.03	—	—	1	µg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1	µg/L	—	—	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.56	—	—	1	µg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1	µg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.19	—	—	1	µg/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.68	—	—	1	µg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.36	—	—	1	µg/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.38	—	—	1	µg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.47	—	—	1	µg/L	—	—	10-3460	CAPA-10-19017	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	P1A	914.96	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.55	—	—	3.3	µg/L	J	J	11-2362	CAPA-11-9404	GELC
R-51	8991	P1A	914.96	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	19.9	—	—	3.3	µg/L	—	—	11-1058	CAPA-11-3042	GELC
R-51	8991	P1A	914.96	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.37	—	—	3.3	µg/L	J	J	11-206	CAPA-10-27439	GELC
R-51	8991	P1A	914.96	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	20.1	—	—	3.3	µg/L	—	—	10-3839	CAPA-10-24154	GELC
R-51	8991	P1A	914.96	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	32.4	—	—	3.3	µg/L	—	—	10-3460	CAPA-10-19015	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.96	—	—	3.3	µg/L	J	J	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	23.5	—	—	3.3	µg/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.88	—	—	3.3	µg/L	J	J	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.8	—	—	3.3	µg/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	34	—	—	3.3	µg/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	6.23	2.27E+00	2.40E+01	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-0.945	1.77E+00	1.60E+01	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00414	1.97E-03	4.20E-02	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00632	1.27E-03	2.60E-02	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00139	2.13E-03	3.70E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00155	9.33E-04	3.30E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00181	1.27E-03	2.40E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	-1.02	6.67E+00	6.40E+01	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	13.1	1.33E+00	1.20E+01	—	pCi/L	UI	R	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	0.201	5.67E-01	5.70E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.07	4.67E-01	4.90E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.831	5.00E-01	5.10E+00	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.321	4.67E-01	4.70E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.642	5.33E-01	5.10E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.39	5.00E-01	5.20E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-4	5.67E-01	4.40E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.621	5.33E-01	5.40E+00	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.21	4.67E-01	4.20E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.25	4.67E-01	4.10E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.557	4.33E-01	4.20E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.507	1.27E-01	2.80E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.436	1.90E-01	2.20E+00	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0973	1.03E-01	1.30E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.00749	1.97E-01	2.60E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.907	2.13E-01	2.10E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.94	3.10E-01	2.90E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.86	2.67E-01	2.50E+00	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.57	2.33E-01	2.10E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.97	3.23E-01	2.80E+00	—	pCi/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.6	3.23E-01	2.90E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	5.7	1.03E+00	9.50E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	1.41	1.23E+00	1.20E+01	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00251	1.47E-03	4.00E-02	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00404	1.17E-03	2.20E-02	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0121	2.53E-03	2.30E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00246	1.43E-03	3.30E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0017	5.67E-04	2.60E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0151	2.40E-03	6.40E-02	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00404	1.33E-03	4.00E-02	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-4.81E-10	1.33E-03	3.90E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0148	2.33E-03	3.30E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0017	1.70E-03	2.40E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.1	6.00E+00	6.50E+01	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.4	7.33E+00	8.40E+01	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.68	6.67E+00	7.10E+01	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.3	6.67E+00	7.10E+01	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.5	7.33E+00	7.60E+01	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-285	6.33E+01	5.30E+02	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.543	5.33E-01	4.90E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.402	5.33E-01	5.50E+00	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.169	5.00E-01	4.80E+00	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.64	6.67E-01	5.40E+00	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.61	5.33E-01	5.80E+00	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.322	5.33E-02	5.30E-01	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0105	4.33E-02	4.80E-01	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.252	5.00E-02	4.90E-01	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.326	5.00E-02	4.50E-01	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0309	4.33E-02	4.90E-01	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.166	5.33E-01	5.50E+00	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	20.4	2.37E+01	1.70E+02	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.171	9.00E-03	8.60E-02	—	pCi/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.202	8.00E-03	3.50E-02	—	pCi/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.252	1.07E-02	4.80E-02	—	pCi/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.215	1.07E-02	9.90E-02	—	pCi/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.185	8.00E-03	4.00E-02	—	pCi/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-21.7	3.27E+00	2.70E+01	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00823	3.33E-03	6.60E-02	—	pCi/L	U	U	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.011	1.93E-03	2.60E-02	—	pCi/L	U	U	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0248	3.17E-03	3.70E-02	—	pCi/L	U	U	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00848	2.00E-03	4.70E-02	—	pCi/L	U	U	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0225	3.03E-03	2.70E-02	—	pCi/L	U	U	10-3460	CAPA-10-19017	GELC
R-51	8991	P1A	914.96	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.103	6.67E-03	4.50E-02	—	pCi/L	—	—	11-2362	CAPA-11-9405	GELC
R-51	8991	P1A	914.96	01/11/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0585	3.67E-03	2.50E-02	—	pCi/L	—	—	11-1058	CAPA-11-3043	GELC
R-51	8991	P1A	914.96	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.132	7.33E-03	2.90E-02	—	pCi/L	—	—	11-206	CAPA-10-27437	GELC
R-51	8991	P1A	914.96	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	7.33E-03	6.00E-02	—	pCi/L	—	—	10-3839	CAPA-10-24156	GELC
R-51	8991	P1A	914.96	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0729	4.67E-03	3.00E-02	—	pCi/L	—	—	10-3460	CAPA-10-19017	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.1	—	—	0.73	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.1	—	—	0.73	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	120	—	—	0.73	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.3	—	—	0.73	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.6	—	—	0.73	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0629	—	—	0.016	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.027	—	—	0.016	mg/L	J	J-	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.02	—	—	0.016	mg/L	J	J-	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.089	—	—	0.016	mg/L	—	U	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.05	mg/L	—	—	11-1058	CAPA-11-3046	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	N	J+	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	N	J+	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.02	—	—	0.066	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	0.066	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	0.066	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.05	—	—	0.066	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	0.066	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.217	—	—	0.033	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.214	—	—	0.033	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.154	—	—	0.033	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.203	—	—	0.033	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.207	—	—	0.033	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.2	—	—	0.45	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	0.35	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	0.35	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	0.35	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.2	—	—	0.45	mg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.4	—	—	0.35	mg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.9	—	—	0.35	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	0.35	mg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.4	—	—	0.35	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	0.11	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	0.085	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	0.085	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.085	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.68	—	—	0.11	mg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	0.085	mg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.085	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	0.085	mg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	0.085	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.27	—	—	0.1	mg/L	J	J-	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.205	—	—	0.05	mg/L	J	J-	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.358	—	—	0.05	mg/L	—	J	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.278	—	—	0.05	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.283	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.261	—	—	0.05	µg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.294	—	—	0.05	µg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	0.05	µg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	0.05	µg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.286	—	—	0.05	µg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	0.05	mg/L	—	J	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	0.05	mg/L	—	—	10-3839	CAPA-10-24159	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	J	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	0.05	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	0.05	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	0.1	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	0.1	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.1	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	0.1	mg/L	N	J+	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.1	mg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.1	mg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.1	mg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	0.1	mg/L	N	J+	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.6	—	—	0.1	mg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1	µS/cm	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	150	—	—	1	µS/cm	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	148	—	—	1	µS/cm	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.34	—	—	0.1	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.45	—	—	0.1	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.96	—	—	0.1	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7	—	—	0.1	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.64	—	—	0.1	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	2.4	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.4	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.4	mg/L	—	J	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.455	—	—	0.33	mg/L	J	J	11-2361	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.426	—	—	0.33	mg/L	J	J	11-1057	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.608	—	—	0.33	mg/L	J	J	11-205	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.601	—	—	0.33	mg/L	J	J	10-3838	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.696	—	—	0.33	mg/L	J	J	10-3459	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	0.01	SU	H	J-	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.28	—	—	0.01	SU	H	J-	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.23	—	—	0.01	SU	H	J-	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.21	—	—	0.01	SU	H	J-	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	78.2	—	—	68	µg/L	J	J	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	92.1	—	—	68	µg/L	J	J	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22	—	—	1	µg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1	µg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1	µg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1	µg/L	—	—	10-3839	CAPA-10-24159	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.9	—	—	1	µg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.6	—	—	1	µg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.9	—	—	1	µg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1	µg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.7	—	—	1	µg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.24	—	—	2	µg/L	J	J	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.17	—	—	2	µg/L	J	J	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.79	—	—	2.5	µg/L	J	J	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.24	—	—	2	µg/L	J	J	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.22	—	—	2	µg/L	J	J	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.97	—	—	2.5	µg/L	J	J	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.64	—	—	2.5	µg/L	J	J	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	40	—	—	30	µg/L	J	U	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	32.2	—	—	30	µg/L	J	J	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	60.2	—	—	30	µg/L	J	J	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	56.2	—	—	30	µg/L	J	J	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	75	—	—	30	µg/L	J	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	92.5	—	—	30	µg/L	J	J	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	95	—	—	30	µg/L	J	J	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	0.17	µg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.17	µg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	0.1	µg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	0.1	µg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	0.17	µg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	0.17	µg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	0.1	µg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.37	—	—	0.1	µg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.38	—	—	0.1	µg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.745	—	—	0.5	µg/L	J	J	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.861	—	—	0.5	µg/L	J	J	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.787	—	—	0.5	µg/L	J	J	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.514	—	—	0.5	µg/L	J	J	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.616	—	—	0.5	µg/L	J	J	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.901	—	—	0.5	µg/L	J	J	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.611	—	—	0.5	µg/L	J	J	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.2	—	—	0.053	mg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.1	—	—	0.053	mg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	0.053	mg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.6	—	—	0.053	mg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.5	—	—	0.053	mg/L	—	—	10-3460	CAPA-10-19019	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.2	—	—	1	µg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1	µg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.8	—	—	1	µg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.9	—	—	1	µg/L	—	—	10-3839	CAPA-10-24159	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.1	—	—	1	µg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.9	—	—	1	µg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1	µg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.7	—	—	1	µg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1	µg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.301	—	—	0.067	µg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.368	—	—	0.067	µg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.333	—	—	0.05	µg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.385	—	—	0.05	µg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.305	—	—	0.067	µg/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	0.067	µg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.469	—	—	0.05	µg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.388	—	—	0.05	µg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.374	—	—	0.05	µg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.37	—	—	1	µg/L	—	—	11-2362	CAPA-11-9445	GELC
R-51	9001	P2A	1031	01/11/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1	µg/L	—	—	11-1058	CAPA-11-3046	GELC
R-51	9001	P2A	1031	10/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.54	—	—	1	µg/L	—	—	11-206	CAPA-10-27441	GELC
R-51	9001	P2A	1031	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.21	—	—	1	µg/L	—	—	10-3839	CAPA-10-24159	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.87	—	—	1	µg/L	J	J	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.72	—	—	1	µg/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1	µg/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.68	—	—	1	µg/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.13	—	—	1	µg/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-6.48	1.73E+00	1.60E+01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	5.94	1.73E+00	1.60E+01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0121	1.90E-03	4.10E-02	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00581	9.67E-04	2.20E-02	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0122	1.57E-03	3.50E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0104	1.77E-03	4.50E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0101	1.27E-03	2.40E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	-43.1	6.33E+00	5.10E+01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	4.57	1.00E+00	1.10E+01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-1.83	4.33E-01	3.70E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.738	4.33E-01	4.00E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.34	5.67E-01	4.70E+00	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.49	4.33E-01	3.50E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.894	7.67E-01	6.60E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.95	7.67E-01	7.80E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.4	5.33E-01	5.70E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.14	5.33E-01	5.80E+00	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.83	5.33E-01	5.90E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.11	5.67E-01	6.20E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.722	5.67E-01	5.40E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.818	2.13E-01	2.20E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.15	2.87E-01	1.90E+00	—	pCi/L	—	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.28	1.00E-01	1.10E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.97	3.20E-01	2.50E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.551	1.83E-01	2.00E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.945	2.73E-01	2.80E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.29	3.03E-01	2.80E+00	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.439	1.97E-01	2.10E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.45	3.33E-01	2.80E+00	—	pCi/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.155	1.63E-01	2.00E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	0.114	9.33E-01	8.70E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	1.34	1.13E+00	1.10E+01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	3.60E-02	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0172	3.67E-03	2.30E-02	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00436	1.47E-03	2.50E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0022	1.93E-03	2.90E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00193	1.43E-03	2.90E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0185	2.20E-03	5.90E-02	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00429	1.77E-03	4.30E-02	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00436	1.03E-03	4.30E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00441	3.30E-03	3.00E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.18E-10	1.57E-03	2.70E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.7	5.00E+00	5.00E+01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.6	7.00E+00	6.90E+01	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-25.6	7.00E+00	5.90E+01	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.2	7.33E+00	7.70E+01	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23	6.67E+00	6.20E+01	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-51.1	5.67E+01	5.30E+02	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.02	4.33E-01	4.60E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.03	5.67E-01	4.70E+00	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.617	5.67E-01	5.30E+00	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	5.85	6.00E-01	7.90E+00	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.28	6.00E-01	5.00E+00	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0107	5.33E-02	5.40E-01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.192	4.67E-02	4.70E-01	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.309	5.00E-02	4.60E-01	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00424	4.00E-02	4.70E-01	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.352	5.00E-02	4.90E-01	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.349	5.33E-01	4.40E+00	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	55.3	1.77E+01	1.30E+02	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.173	9.00E-03	8.30E-02	—	pCi/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.245	9.00E-03	3.70E-02	—	pCi/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.246	1.17E-02	5.90E-02	—	pCi/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.23	1.13E-02	1.00E-01	—	pCi/L	—	—	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.281	1.00E-02	4.10E-02	—	pCi/L	—	—	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	10.9	3.20E+00	2.90E+01	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0197	2.97E-03	6.40E-02	—	pCi/L	U	U	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00928	2.20E-03	2.80E-02	—	pCi/L	U	U	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0258	3.67E-03	4.50E-02	—	pCi/L	U	U	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00855	2.03E-03	4.70E-02	—	pCi/L	U	U	10-3839	CAPA-10-24158	GELC
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00462	2.17E-03	2.80E-02	—	pCi/L	U	U	10-3460	CAPA-10-19021	GELC
R-51	9001	P2A	1031	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.083	5.67E-03	4.30E-02	—	pCi/L	—	—	11-2362	CAPA-11-9446	GELC
R-51	9001	P2A	1031	01/11/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.133	6.33E-03	2.60E-02	—	pCi/L	—	—	11-1058	CAPA-11-3045	GELC
R-51	9001	P2A	1031	10/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.125	7.67E-03	3.60E-02	—	pCi/L	—	—	11-206	CAPA-10-27440	GELC
R-51	9001	P2A	1031	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.128	8.00E-03	6.10E-02	—	pCi/L	—	—	10-3839	CAPA-10-24158	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-51	9001	P2A	1031	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0953	5.33E-03	3.10E-02	—	pCi/L	—	—	10-3460	CAPA-10-19021	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	3.08	—	—	0.73	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	4.18	—	—	0.73	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	17.7	—	—	0.73	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	0.73	mg/L	U	U	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	0.73	mg/L	U	U	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.7	—	—	0.73	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.4	—	—	0.73	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.6	—	—	0.73	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64	—	—	0.73	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.6	—	—	0.73	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.05	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.58	—	—	0.066	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.31	—	—	0.066	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.5	—	—	0.066	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.51	—	—	0.066	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.53	—	—	0.066	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.25	—	—	0.033	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.279	—	—	0.033	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.249	—	—	0.033	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.251	—	—	0.033	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.286	—	—	0.033	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.1	—	—	0.45	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.4	—	—	0.35	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.5	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.1	—	—	0.35	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.2	—	—	0.45	mg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	0.35	mg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.1	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.4	—	—	0.35	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.11	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	0.085	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	0.085	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	0.11	mg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.23	—	—	0.085	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.58	—	—	0.05	mg/L	—	J-	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.407	—	—	0.05	mg/L	—	J-	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.62	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.695	—	—	0.05	mg/L	—	—	10-4009	CAPA-10-24166	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	0.05	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.377	—	—	0.05	µg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.36	—	—	0.05	µg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.404	—	—	0.05	µg/L	—	J+	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.441	—	—	0.05	µg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.365	—	—	0.05	µg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.9	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	0.05	mg/L	—	J	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.91	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	0.05	mg/L	—	J	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	0.1	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	0.1	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	0.1	mg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	0.1	mg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	0.1	mg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	153	—	—	1	µS/cm	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	148	—	—	1	µS/cm	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	157	—	—	1	µS/cm	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	µS/cm	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.85	—	—	0.1	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.54	—	—	0.1	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.52	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.75	—	—	0.1	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.51	—	—	0.1	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.4	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	H	J-	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.502	—	—	0.33	mg/L	J	J	11-2299	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.56	—	—	0.33	mg/L	J	J	11-1095	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.52	—	—	0.33	mg/L	—	—	11-127	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.811	—	—	0.33	mg/L	J	J	10-4008	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.435	—	—	0.33	mg/L	J	J	10-2997	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.42	—	—	0.01	SU	H	J-	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	0.01	SU	H	J-	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	0.01	SU	H	J-	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	0.01	SU	H	J-	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.59	—	—	1.7	µg/L	J	J	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-4009	CAPA-10-24166	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.1	—	—	1	µg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.3	—	—	1	µg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1	µg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1	µg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1	µg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1	µg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.8	—	—	1	µg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1	µg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.14	—	—	2	µg/L	J	J	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	U	U	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.54	—	—	2.5	µg/L	J	J	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.21	—	—	2.5	µg/L	J	J	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.25	—	—	2	µg/L	J	J	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.63	—	—	2.5	µg/L	J	J	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.72	—	—	2.5	µg/L	J	J	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.73	—	—	0.17	µg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.23	—	—	0.17	µg/L	—	J	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	0.1	µg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.74	—	—	0.17	µg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.29	—	—	0.17	µg/L	—	J	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.79	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.54	—	—	0.1	µg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.1	—	—	0.053	mg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.1	—	—	0.053	mg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.3	—	—	0.053	mg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.8	—	—	0.053	mg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76	—	—	0.053	mg/L	—	—	10-2998	CAPA-10-16634	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	64.5	—	—	1	µg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.4	—	—	1	µg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.2	—	—	1	µg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57	—	—	1	µg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.6	—	—	1	µg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.9	—	—	1	µg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.6	—	—	1	µg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.9	—	—	1	µg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.472	—	—	0.067	µg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.751	—	—	0.067	µg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.719	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	0.05	µg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.485	—	—	0.067	µg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.89	—	—	0.067	µg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.706	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	0.05	µg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.23	—	—	1	µg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.61	—	—	1	µg/L	—	—	11-1096	CAPA-11-3081	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.45	—	—	1	µg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.57	—	—	1	µg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.82	—	—	1	µg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.47	—	—	1	µg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.74	—	—	1	µg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.71	—	—	1	µg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.6	—	—	3.3	µg/L	—	—	11-2300	CAPA-11-9463	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	17.8	—	—	3.3	µg/L	—	—	11-1096	CAPA-11-3081	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.7	—	—	3.3	µg/L	—	—	11-128	CAPA-10-27450	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	40.6	—	—	3.3	µg/L	—	—	10-4009	CAPA-10-24166	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.7	—	—	3.3	µg/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	24.1	—	—	3.3	µg/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.4	—	—	3.3	µg/L	—	—	11-128	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	47	—	—	3.3	µg/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-4.54	1.60E+00	1.50E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00787	2.33E-03	5.30E-02	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-5.26	3.30E+00	2.90E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00526	1.33E-03	3.60E-02	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0000128	7.67E-04	3.20E-02	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0123	1.63E-03	4.00E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00128	1.13E-03	2.10E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	1.9	6.33E+00	6.20E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	-4.13	1.20E+00	1.10E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	0.37	5.00E-01	5.00E+00	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.21	5.33E-01	5.30E+00	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.644	3.67E-01	3.50E+00	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.567	4.67E-01	4.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.05	4.67E-01	4.20E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.11	5.00E-01	5.40E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.546	3.67E-01	3.90E+00	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.36	3.67E-01	3.20E+00	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0166	5.00E-01	4.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.827	5.33E-01	5.40E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.126	5.33E-01	5.20E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.13	2.10E-01	1.70E+00	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.88	3.27E-01	1.80E+00	—	pCi/L	—	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.414	2.07E-01	2.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.831	2.60E-01	2.80E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.276	2.47E-01	2.90E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.85	2.87E-01	2.30E+00	—	pCi/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.1	2.73E-01	2.30E+00	—	pCi/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.87	2.83E-01	2.20E+00	—	pCi/L	—	—	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.03	2.70E-01	2.70E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.883	2.37E-01	2.40E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	11.8	1.70E+00	1.20E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	1.54	1.27E+00	1.30E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0116	2.23E-03	3.00E-02	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00721	2.67E-03	2.60E-02	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00365	1.50E-03	2.10E-02	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00207	1.20E-03	1.80E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00697	2.80E-03	3.70E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00775	1.30E-03	4.90E-02	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0144	1.97E-03	4.80E-02	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00182	1.37E-03	3.60E-02	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	9.67E-04	3.00E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00697	2.07E-03	3.40E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.51	5.33E+00	2.80E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.4	6.33E+00	6.40E+01	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.2	6.33E+00	6.10E+01	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.3	7.00E+00	7.10E+01	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.5	6.67E+00	7.40E+01	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	143	5.00E+01	5.20E+02	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.6	4.00E-01	3.40E+00	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.534	4.33E-01	4.40E+00	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.2	4.67E-01	4.80E+00	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.82	4.33E-01	4.90E+00	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.48	4.33E-01	3.90E+00	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.281	3.67E-02	4.60E-01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.077	4.33E-02	4.90E-01	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.126	3.67E-02	4.80E-01	—	pCi/L	U	U	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.000985	4.33E-02	4.90E-01	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00276	4.33E-02	4.90E-01	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.422	5.33E-01	5.40E+00	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	141	3.33E+01	2.60E+02	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.335	1.37E-02	8.00E-02	—	pCi/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.37	1.20E-02	3.50E-02	—	pCi/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.4	1.27E-02	2.90E-02	—	pCi/L	—	J	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.318	1.37E-02	9.90E-02	—	pCi/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.429	1.50E-02	3.90E-02	—	pCi/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	3.94	4.00E+00	3.70E+01	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0191	2.90E-03	6.20E-02	—	pCi/L	U	U	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0244	2.50E-03	2.60E-02	—	pCi/L	U	U	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0321	2.87E-03	2.30E-02	—	pCi/L	—	—	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.83E-03	4.70E-02	—	pCi/L	U	U	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0208	2.67E-03	3.60E-02	—	pCi/L	U	U	10-2998	CAPA-10-16633	GELC
R-52	9061	P1A	1035.2	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.151	8.00E-03	4.20E-02	—	pCi/L	—	—	11-2300	CAPA-11-9464	GELC
R-52	9061	P1A	1035.2	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.172	7.00E-03	2.50E-02	—	pCi/L	—	—	11-1096	CAPA-11-3082	GELC
R-52	9061	P1A	1035.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.21	8.00E-03	1.80E-02	—	pCi/L	—	—	11-129	CAPA-10-27451	GELC
R-52	9061	P1A	1035.2	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.127	7.67E-03	6.00E-02	—	pCi/L	—	—	10-4009	CAPA-10-24167	GELC
R-52	9061	P1A	1035.2	05/02/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.294	1.13E-02	3.60E-02	—	pCi/L	—	—	10-2998	CAPA-10-16633	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57	—	—	0.73	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.9	—	—	0.73	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.2	—	—	0.73	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56	—	—	0.73	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.1	—	—	0.73	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27454	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.05	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	0.05	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.15	—	—	0.066	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.12	—	—	0.066	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.13	—	—	0.066	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.18	—	—	0.066	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.25	—	—	0.066	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.188	—	—	0.033	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.213	—	—	0.033	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	0.033	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.187	—	—	0.033	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	0.033	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	0.45	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.4	—	—	0.35	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	0.35	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.5	—	—	0.45	mg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	0.35	mg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	0.35	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	0.35	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.11	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	0.085	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	0.085	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	0.11	mg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.94	—	—	0.085	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.085	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.394	—	—	0.05	mg/L	—	J-	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.314	—	—	0.05	mg/L	—	J-	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.447	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.426	—	—	0.05	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.54	—	—	0.05	mg/L	—	U	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.31	—	—	0.05	µg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.32	—	—	0.05	µg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.326	—	—	0.05	µg/L	—	J+	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.339	—	—	0.05	µg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.344	—	—	0.05	µg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	0.05	mg/L	—	J	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	0.05	mg/L	—	—	11-2300	CAPA-11-9475	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	0.05	mg/L	—	J	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	0.05	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1	µS/cm	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1	µS/cm	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1	µS/cm	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1	µS/cm	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3	—	—	0.1	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3	—	—	0.1	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.99	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.95	—	—	0.1	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.82	—	—	0.1	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.4	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	170	—	—	2.4	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.357	—	—	0.33	mg/L	J	J	11-2299	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-1095	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.586	—	—	0.33	mg/L	J	J	11-127	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.523	—	—	0.33	mg/L	J	J	10-4008	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.385	—	—	0.33	mg/L	J	J	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	0.01	SU	H	J-	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	0.01	SU	H	J-	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	0.01	SU	H	J-	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.44	—	—	1.7	µg/L	J	J	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1	µg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.8	—	—	1	µg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1	µg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.9	—	—	1	µg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1	µg/L	—	—	11-2300	CAPA-11-9475	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.3	—	—	1	µg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1	µg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.8	—	—	1	µg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.6	—	—	1	µg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	0.17	µg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.48	—	—	0.17	µg/L	—	U	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	µg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	0.17	µg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	0.17	µg/L	—	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.1	µg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.34	—	—	0.1	µg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.534	—	—	0.5	µg/L	J	J	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.17	—	—	0.5	µg/L	J	J	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.24	—	—	0.5	µg/L	J	J	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.533	—	—	0.5	µg/L	J	J	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.558	—	—	0.5	µg/L	J	J	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.739	—	—	0.5	µg/L	J	J	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	0.5	µg/L	J	J	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.505	—	—	0.5	µg/L	J	J	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	0.053	mg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	0.053	mg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.5	—	—	0.053	mg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	0.053	mg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	04/23/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.4	—	—	0.053	mg/L	—	—	10-2885	CAPA-10-16639	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1	µg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.6	—	—	1	µg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48	—	—	1	µg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.7	—	—	1	µg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.5	—	—	1	µg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.7	—	—	1	µg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.8	—	—	1	µg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.3	—	—	1	µg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.4	—	—	1	µg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	0.067	µg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.45	—	—	0.067	µg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.391	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.357	—	—	0.05	µg/L	—	—	10-4009	CAPA-10-24660	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	0.067	µg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.446	—	—	0.067	µg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.377	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.364	—	—	0.05	µg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.539	—	—	0.05	µg/L	—	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.04	—	—	1	µg/L	—	—	11-2300	CAPA-11-9477	GELC
R-52	9071	P2A	1107	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.23	—	—	1	µg/L	—	—	11-1096	CAPA-11-3086	GELC
R-52	9071	P2A	1107	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.83	—	—	1	µg/L	—	—	11-128	CAPA-10-27454	GELC
R-52	9071	P2A	1107	08/05/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.83	—	—	1	µg/L	—	—	10-4009	CAPA-10-24660	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.81	—	—	1	µg/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.09	—	—	1	µg/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.94	—	—	1	µg/L	—	—	11-128	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.81	—	—	1	µg/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.07	—	—	1	µg/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-5.11	1.70E+00	1.60E+01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0	1.77E-03	5.40E-02	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	0.257	3.67E+00	3.20E+01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00064	1.50E-03	3.60E-02	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000111	8.00E-04	3.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0146	1.73E-03	3.70E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0121	1.47E-03	2.20E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	-9.29	6.67E+00	6.60E+01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	2.6	1.17E+00	1.20E+01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	1.98	5.33E-01	5.70E+00	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.646	4.67E-01	4.70E+00	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.35	7.33E-01	7.50E+00	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.871	6.00E-01	5.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.56	4.67E-01	4.30E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.56	5.00E-01	4.10E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.13	5.00E-01	5.40E+00	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.232	5.33E-01	5.20E+00	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.13	4.33E-01	3.40E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.37	5.00E-01	4.60E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.51	5.00E-01	4.20E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.115	1.40E-01	2.10E+00	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.19	2.40E-01	2.20E+00	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.88	3.07E-01	2.60E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.0494	1.73E-01	2.60E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.292	1.87E-01	2.10E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.33	2.60E-01	2.10E+00	—	pCi/L	—	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.54	2.67E-01	2.60E+00	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.234	2.13E-01	2.50E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.191	2.57E-01	2.90E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.63	2.37E-01	2.20E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	-0.576	1.00E+00	9.50E+00	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	2.32	1.23E+00	1.20E+01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0146	1.73E-03	2.90E-02	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0105	2.13E-03	2.90E-02	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0224	2.40E-03	2.60E-02	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	2.00E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0018	6.00E-04	3.30E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0109	1.73E-03	4.60E-02	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-2.5E-09	3.03E-03	5.30E-02	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.07E-03	4.40E-02	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00229	2.03E-03	3.30E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	8.67E-04	2.10E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.4	7.00E+00	7.00E+01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.5	7.00E+00	7.60E+01	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.2	6.00E+00	6.00E+01	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.15	6.67E+00	6.60E+01	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.1	5.67E+00	5.70E+01	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	23.5	6.00E+01	5.80E+02	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.2	4.67E-01	4.10E+00	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.92	5.67E-01	5.00E+00	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.29	4.33E-01	4.10E+00	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.728	4.33E-01	4.00E+00	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.32	5.00E-01	3.70E+00	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.458	5.33E-02	4.90E-01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0843	4.67E-02	4.90E-01	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.000863	4.33E-02	4.90E-01	—	pCi/L	U	U	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.107	5.00E-02	4.80E-01	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.133	4.00E-02	4.90E-01	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	3.33	5.33E-01	5.70E+00	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	39.9	3.17E+01	3.30E+02	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.214	1.03E-02	8.00E-02	—	pCi/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.252	9.00E-03	3.40E-02	—	pCi/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.252	9.33E-03	3.20E-02	—	pCi/L	—	J	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.305	1.33E-02	1.00E-01	—	pCi/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.335	1.27E-02	5.00E-02	—	pCi/L	—	—	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-13.3	4.00E+00	3.20E+01	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00381	2.20E-03	6.10E-02	—	pCi/L	U	U	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0236	2.43E-03	2.50E-02	—	pCi/L	U	U	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0258	2.67E-03	2.50E-02	—	pCi/L	—	—	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0172	3.67E-03	4.80E-02	—	pCi/L	U	U	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0128	2.63E-03	4.10E-02	—	pCi/L	U	U	10-2885	CAPA-10-16638	GELC
R-52	9071	P2A	1107	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.139	7.67E-03	4.20E-02	—	pCi/L	—	—	11-2300	CAPA-11-9475	GELC
R-52	9071	P2A	1107	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0919	4.67E-03	2.40E-02	—	pCi/L	—	—	11-1096	CAPA-11-3084	GELC
R-52	9071	P2A	1107	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.101	5.00E-03	1.90E-02	—	pCi/L	—	—	11-129	CAPA-10-27453	GELC
R-52	9071	P2A	1107	08/05/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.143	8.33E-03	6.10E-02	—	pCi/L	—	—	10-4009	CAPA-10-24658	GELC
R-52	9071	P2A	1107	04/23/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.143	7.33E-03	3.60E-02	—	pCi/L	—	—	10-2885	CAPA-10-16638	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57	—	—	0.73	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	0.73	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.9	—	—	0.73	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	0.73	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.5	—	—	0.73	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0314	—	—	0.016	mg/L	J	J	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0516	—	—	0.016	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.031	—	—	0.016	mg/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.064	—	—	0.016	mg/L	—	J-	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	11	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9491	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.05	mg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.1	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.86	—	—	0.066	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.87	—	—	0.066	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.73	—	—	0.066	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.72	—	—	0.066	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.83	—	—	0.066	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.259	—	—	0.033	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.259	—	—	0.033	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	0.033	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.21	—	—	0.033	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.26	—	—	0.033	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	40.6	—	—	0.45	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.7	—	—	0.45	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40	—	—	0.35	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	0.35	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	0.45	mg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	0.45	mg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	0.35	mg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	0.35	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	0.11	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.26	—	—	0.11	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	0.085	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	0.085	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	0.11	mg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.3	—	—	0.11	mg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.08	—	—	0.085	mg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	0.085	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.346	—	—	0.1	mg/L	J	J-	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.435	—	—	0.1	mg/L	J	J-	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.247	—	—	0.05	mg/L	J	J-	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.35	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.346	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.28	—	—	0.05	µg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.28	—	—	0.05	µg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.295	—	—	0.05	µg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	0.05	µg/L	—	J+	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.292	—	—	0.05	µg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	0.05	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.63	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9494	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	0.1	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.5	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.93	—	—	0.1	mg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.29	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.93	—	—	0.1	mg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1	µS/cm	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	µS/cm	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1	µS/cm	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	120	—	—	1	µS/cm	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1	µS/cm	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	2	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.97	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.97	—	—	0.1	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.87	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	0.1	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.4	mg/L	—	J	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	J	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.4	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.4	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.4	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.366	—	—	0.33	mg/L	J	J	11-2349	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.368	—	—	0.33	mg/L	J	J	11-2349	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	11-1101	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.746	—	—	0.33	mg/L	J	J	11-127	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-3844	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	0.01	SU	H	J-	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	0.01	SU	H	J-	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	0.01	SU	H	J-	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	28.7	—	—	1	µg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1	µg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.5	—	—	1	µg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.5	—	—	1	µg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1	µg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	29.6	—	—	1	µg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1	µg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1	µg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.2	—	—	1	µg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26	—	—	1	µg/L	—	—	10-3845	CAPA-10-24179	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.03	—	—	2	µg/L	J	J	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.88	—	—	2	µg/L	J	J	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.23	—	—	2.5	µg/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.05	—	—	2.5	µg/L	J	U	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	2.25	—	—	2	µg/L	J	J	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	2	µg/L	J	J	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.82	—	—	2	µg/L	J	J	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	2.5	µg/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.38	—	—	2.5	µg/L	J	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	10.2	—	—	3	µg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	µg/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	0.17	µg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.11	—	—	0.17	µg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.62	—	—	0.17	µg/L	—	U	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.996	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.26	—	—	0.1	µg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	0.17	µg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	0.17	µg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.41	—	—	0.17	µg/L	—	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.27	—	—	0.1	µg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.732	—	—	0.5	µg/L	J	J	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.678	—	—	0.5	µg/L	J	J	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.597	—	—	0.5	µg/L	J	J	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.821	—	—	0.5	µg/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.647	—	—	0.5	µg/L	J	J	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.731	—	—	0.5	µg/L	J	J	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.801	—	—	0.5	µg/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	72.3	—	—	0.053	mg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.4	—	—	0.053	mg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.1	—	—	0.053	mg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	0.053	mg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.3	—	—	0.053	mg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	0.053	mg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	45.1	—	—	1	µg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46	—	—	1	µg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.9	—	—	1	µg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1	µg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.4	—	—	1	µg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1	µg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.7	—	—	1	µg/L	—	—	11-2350	CAPA-11-9491	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46.9	—	—	1	µg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1	µg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.2	—	—	1	µg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.406	—	—	0.067	µg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.404	—	—	0.067	µg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.521	—	—	0.067	µg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.411	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.428	—	—	0.05	µg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.396	—	—	0.067	µg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.385	—	—	0.067	µg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.708	—	—	0.067	µg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.431	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.446	—	—	0.05	µg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	5.47	—	—	1	µg/L	—	—	11-2350	CAPA-11-9493	GELC
R-53	9031	P2A	959.7	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1	µg/L	—	—	11-2350	CAPA-11-9492	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.32	—	—	1	µg/L	—	—	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1	µg/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.92	—	—	1	µg/L	J	J	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	5.52	—	—	1	µg/L	—	—	11-2350	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1	µg/L	—	—	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.55	—	—	1	µg/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.78	—	—	1	µg/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.56	—	—	1	µg/L	J	J	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	01/13/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.03	—	—	3.3	µg/L	J	J	11-1102	CAPA-11-3090	GELC
R-53	9031	P2A	959.7	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.45	—	—	3.3	µg/L	J	J	11-128	CAPA-10-27463	GELC
R-53	9031	P2A	959.7	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.5	—	—	3.3	µg/L	—	—	10-3845	CAPA-10-24180	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.88	—	—	3.3	µg/L	J	J	11-2350	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.86	—	—	3.3	µg/L	J	J	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.95	—	—	3.3	µg/L	J	J	11-128	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.1	—	—	3.3	µg/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Pest	SW-846:8081A	BHC[beta-]	—	0.0108	—	—	0.007	µg/L	J	J-	11-2349	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Pest	SW-846:8081A	BHC[beta-]	<	0.0211	—	—	0.0063	µg/L	U	UJ	11-1101	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Pest	SW-846:8081A	BHC[beta-]	<	0.02	—	—	0.006	µg/L	U	U	11-127	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Pest	SW-846:8081A	BHC[beta-]	<	0.0217	—	—	0.0065	µg/L	U	U	10-3844	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Actinium-228	<	-8.08	2.00E+00	1.80E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	2.78	1.90E+00	1.90E+01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00765	2.70E-03	3.90E-02	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Americium-241	<	18.3	4.00E+00	4.10E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-0.784	1.73E+00	1.50E+01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0053	2.17E-03	5.40E-02	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000716	7.33E-04	3.50E-02	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0000538	1.57E-03	3.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00339	1.73E-03	4.20E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Bismuth-212	<	24.2	6.67E+00	7.30E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	-38.2	5.33E+00	4.30E+01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Bismuth-214	<	-3.83	1.10E+00	1.10E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	0.429	1.07E+00	1.00E+01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-134	<	-0.708	5.00E-01	4.70E+00	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-0.346	4.00E-01	3.90E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-2.34	6.33E-01	6.40E+00	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.11	4.67E-01	5.10E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.451	4.67E-01	4.70E+00	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.792	5.67E-01	5.30E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	5.00E-01	4.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	1.38	5.00E-01	5.40E+00	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.323	5.67E-01	6.00E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.43	5.00E-01	4.50E+00	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.99	5.33E-01	5.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.06	4.67E-01	4.00E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:900	Gross alpha	<	0.837	2.63E-01	2.80E+00	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.669	1.77E-01	2.80E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.863	1.97E-01	1.90E+00	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.28	1.93E-01	2.80E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.585	1.57E-01	2.90E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	3.45	3.33E-01	2.90E+00	—	pCi/L	—	—	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.589	2.57E-01	2.90E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.213	2.70E-01	2.80E+00	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.19	2.93E-01	2.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.269	2.47E-01	2.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Lead-212	<	0.0414	1.07E+00	1.10E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	5.01	8.67E-01	9.20E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Lead-214	<	-2.01	1.30E+00	1.30E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	-1.1	1.03E+00	1.00E+01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.0135	1.93E-03	3.00E-02	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0099	1.37E-03	2.80E-02	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0121	1.97E-03	2.60E-02	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0133	2.37E-03	2.50E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	7.67E-04	3.00E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00386	9.00E-04	4.90E-02	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.000528	1.77E-03	4.60E-02	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00241	1.80E-03	4.80E-02	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00888	2.10E-03	4.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00226	2.00E-03	3.10E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	7.51	7.33E+00	7.80E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.3	6.00E+00	5.80E+01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.2	6.67E+00	6.40E+01	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.71	6.00E+00	6.10E+01	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.6	5.67E+00	5.60E+01	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Protactinium-234m	<	114	5.33E+01	5.50E+02	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	219	5.33E+01	5.80E+02	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.92	4.00E-01	2.80E+00	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.12	4.67E-01	4.30E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.674	4.33E-01	4.20E+00	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.904	5.33E-01	5.70E+00	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.418	4.00E-01	3.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.348	5.00E-02	4.80E-01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.152	5.00E-02	5.30E-01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0829	4.33E-02	4.70E-01	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.199	4.67E-02	4.90E-01	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0855	3.67E-02	4.10E-01	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Thallium-208	<	-0.78	5.67E-01	5.70E+00	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.727	5.00E-01	4.60E+00	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Thorium-234	<	-69.3	3.33E+01	3.20E+02	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	67.7	2.80E+01	1.60E+02	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.228	9.67E-03	6.00E-02	—	pCi/L	—	—	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.218	9.67E-03	5.80E-02	—	pCi/L	—	—	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.293	1.00E-02	3.50E-02	—	pCi/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.272	9.67E-03	3.10E-02	—	pCi/L	—	J	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.207	1.03E-02	9.50E-02	—	pCi/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	EPA:901.1	Uranium-235	<	0.481	3.10E+00	3.00E+01	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-3.04	3.33E+00	2.80E+01	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0255	3.33E-03	4.60E-02	—	pCi/L	U	U	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00554	2.27E-03	4.50E-02	—	pCi/L	U	U	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00649	1.27E-03	2.60E-02	—	pCi/L	U	U	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0228	2.47E-03	2.40E-02	—	pCi/L	U	U	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.90E-03	4.50E-02	—	pCi/L	U	U	10-3845	CAPA-10-24179	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.094	6.00E-03	3.10E-02	—	pCi/L	—	—	11-2351	CAPA-11-9494	GELC
R-53	9031	P2A	959.7	05/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0941	6.67E-03	3.00E-02	—	pCi/L	—	—	11-2351	CAPA-11-9491	GELC
R-53	9031	P2A	959.7	01/13/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.121	5.67E-03	2.40E-02	—	pCi/L	—	—	11-1102	CAPA-11-3092	GELC
R-53	9031	P2A	959.7	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.14	6.33E-03	1.90E-02	—	pCi/L	—	—	11-129	CAPA-10-27464	GELC
R-53	9031	P2A	959.7	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.144	8.33E-03	5.70E-02	—	pCi/L	—	—	10-3845	CAPA-10-24179	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	0.73	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.5	—	—	0.73	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.7	—	—	0.73	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.7	—	—	0.73	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	0.73	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0729	—	—	0.016	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	U	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.019	—	—	0.016	mg/L	J	J-	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.048	—	—	0.016	mg/L	J	U	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.93	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.05	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	0.066	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.75	—	—	0.066	mg/L	—	J+	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.76	—	—	0.066	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	0.066	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	0.066	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.278	—	—	0.033	mg/L	—	—	11-2350	CAPA-11-9484	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.247	—	—	0.033	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	0.033	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.267	—	—	0.033	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.262	—	—	0.033	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.5	—	—	0.45	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.7	—	—	0.35	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	0.35	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	0.35	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	0.45	mg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37	—	—	0.35	mg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38	—	—	0.35	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	0.35	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.3	—	—	0.35	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	0.11	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	0.085	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	0.085	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.085	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.22	—	—	0.11	mg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.085	mg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	0.085	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	0.085	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.085	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.471	—	—	0.1	mg/L	J	J-	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.337	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.379	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.274	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.463	—	—	0.05	mg/L	—	U	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.287	—	—	0.05	µg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	0.05	µg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.283	—	—	0.05	µg/L	—	J+	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.214	—	—	0.05	µg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	0.05	µg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	0.05	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	0.05	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	10-2823	CAPA-10-15929	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	0.1	mg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1	µS/cm	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1	µS/cm	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1	µS/cm	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1	µS/cm	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1	µS/cm	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.06	—	—	0.1	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.88	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	0.1	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.96	—	—	0.1	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.81	—	—	0.1	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	J	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.4	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.4	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.4	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	129	—	—	2.4	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.414	—	—	0.33	mg/L	J	J	11-2349	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.35	—	—	0.33	mg/L	J	J	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.711	—	—	0.33	mg/L	J	J	11-127	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.847	—	—	0.33	mg/L	J	J	10-3844	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.39	—	—	0.33	mg/L	J	J	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J-	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J-	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	0.01	SU	H	J-	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.19	—	—	1.7	µg/L	J	J	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.5	—	—	1	µg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1	µg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.3	—	—	1	µg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1	µg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.7	—	—	1	µg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.2	—	—	1	µg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1	µg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.5	—	—	1	µg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1	µg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.4	—	—	1	µg/L	—	—	10-2823	CAPA-10-15928	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.07	—	—	2	µg/L	J	J	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.79	—	—	2.5	µg/L	J	J	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.8	—	—	2.5	µg/L	J	U	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.35	—	—	2	µg/L	J	J	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.14	—	—	2	µg/L	J	J	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	2.5	µg/L	J	J	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.82	—	—	2.5	µg/L	J	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.32	—	—	0.17	µg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	0.17	µg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.52	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.29	—	—	0.1	µg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	0.1	µg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.32	—	—	0.17	µg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.17	µg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	0.1	µg/L	—	J	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.22	—	—	0.1	µg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.1	µg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	0.5	µg/L	J	J	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.846	—	—	0.5	µg/L	J	J	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.662	—	—	0.5	µg/L	J	J	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	0.5	µg/L	J	J	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.46	—	—	0.5	µg/L	J	J	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.729	—	—	0.5	µg/L	J	J	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	0.5	µg/L	J	J	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.909	—	—	0.5	µg/L	J	J	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.8	—	—	0.053	mg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.1	—	—	0.053	mg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.6	—	—	0.053	mg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	0.053	mg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.2	—	—	0.053	mg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1	µg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.3	—	—	1	µg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1	µg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1	µg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.3	—	—	1	µg/L	—	—	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44	—	—	1	µg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.1	—	—	1	µg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.3	—	—	1	µg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1	µg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.7	—	—	1	µg/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.509	—	—	0.067	µg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.505	—	—	0.067	µg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.487	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	0.05	µg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.412	—	—	0.05	µg/L	—	J	10-2823	CAPA-10-15929	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.508	—	—	0.067	µg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.554	—	—	0.067	µg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.531	—	—	0.05	µg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.472	—	—	0.05	µg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.414	—	—	0.05	µg/L	—	J	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.48	—	—	1	µg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.52	—	—	1	µg/L	J	J	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.22	—	—	1	µg/L	J	J	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.41	—	—	1	µg/L	J	J	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.5	—	—	1	µg/L	J	J	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	µg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.59	—	—	1	µg/L	J	J	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.35	—	—	1	µg/L	J	J	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1	µg/L	J	J	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.49	—	—	1	µg/L	J	J	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	3.3	µg/L	—	—	11-2350	CAPA-11-9484	GELC
R-53	9041	P1A	849.2	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	65	—	—	3.3	µg/L	—	—	11-1105	CAPA-11-3088	GELC
R-53	9041	P1A	849.2	10/12/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	76.3	—	—	3.3	µg/L	—	—	11-128	CAPA-10-27455	GELC
R-53	9041	P1A	849.2	07/26/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	221	—	—	3.3	µg/L	—	—	10-3845	CAPA-10-24175	GELC
R-53	9041	P1A	849.2	04/19/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.24	—	—	3.3	µg/L	J	U	10-2823	CAPA-10-15929	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.8	—	—	3.3	µg/L	—	—	11-2350	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	62.9	—	—	3.3	µg/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	83.7	—	—	3.3	µg/L	—	—	11-128	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	207	—	—	3.3	µg/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	7.22	—	—	3.3	µg/L	J	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-0.461	1.73E+00	1.80E+01	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00859	4.67E-03	4.40E-02	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	0.866	1.90E+00	1.90E+01	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00295	1.10E-03	2.50E-02	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00145	6.33E-04	3.60E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00169	8.33E-04	4.70E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	7.33E-04	2.20E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	6.56	6.00E+00	6.10E+01	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	2.33	1.13E+00	9.80E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-1.43	4.67E-01	4.20E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.335	3.67E-01	3.70E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.24	7.00E-01	7.30E+00	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.00582	5.33E-01	5.30E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.6	4.67E-01	4.10E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.64	5.00E-01	4.30E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.24	5.33E-01	4.60E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.23	4.33E-01	4.60E+00	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.428	5.00E-01	5.10E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0424	5.00E-01	4.70E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.888	5.33E-01	5.40E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.531	2.03E-01	2.90E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.397	1.90E-01	2.20E+00	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.962	2.73E-01	2.90E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.361	2.07E-01	2.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.984	2.47E-01	2.50E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.3	2.83E-01	3.00E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.882	2.80E-01	2.90E+00	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.1	2.80E-01	2.50E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.56	2.67E-01	2.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.15	2.17E-01	2.10E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	3.4	1.07E+00	8.70E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	-0.0174	1.00E+00	9.90E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00394	1.30E-03	3.10E-02	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00596	2.37E-03	2.20E-02	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0146	1.87E-03	2.40E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0081	1.50E-03	2.70E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.00E-04	2.90E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00394	1.87E-03	5.00E-02	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00432	1.77E-03	4.10E-02	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00417	1.40E-03	4.10E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00405	2.13E-03	2.70E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	6.00E-04	2.70E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.29	5.00E+00	5.50E+01	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.5	5.00E+00	4.20E+01	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-41.6	7.33E+00	6.40E+01	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	66.9	6.67E+00	3.70E+01	—	pCi/L	UI	R	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.3	7.00E+00	6.80E+01	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-181	4.67E+01	4.60E+02	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.935	4.00E-01	3.50E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.704	5.00E-01	4.70E+00	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.72	5.00E-01	5.60E+00	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.725	4.67E-01	4.60E+00	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.13	4.67E-01	4.30E+00	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.254	5.33E-02	5.30E-01	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0751	4.67E-02	4.90E-01	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.118	4.33E-02	4.60E-01	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00321	4.33E-02	4.90E-01	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.235	3.33E-02	4.70E-01	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-0.9	4.67E-01	4.40E+00	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-80.7	2.13E+01	1.90E+02	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.376	1.33E-02	5.80E-02	—	pCi/L	—	—	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.277	1.13E-02	5.00E-02	—	pCi/L	—	—	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.264	9.33E-03	3.00E-02	—	pCi/L	—	J	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.347	1.50E-02	1.00E-01	—	pCi/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.268	1.10E-02	5.10E-02	—	pCi/L	—	—	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	6.55	2.60E+00	2.60E+01	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00556	2.27E-03	4.50E-02	—	pCi/L	U	U	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0221	3.67E-03	3.70E-02	—	pCi/L	U	U	11-1105	CAPA-11-3089	GELC
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0176	2.10E-03	2.30E-02	—	pCi/L	U	U	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0264	3.67E-03	4.90E-02	—	pCi/L	U	U	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00984	1.90E-03	4.10E-02	—	pCi/L	U	U	10-2823	CAPA-10-15928	GELC
R-53	9041	P1A	849.2	05/06/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.178	8.00E-03	3.00E-02	—	pCi/L	—	—	11-2351	CAPA-11-9483	GELC
R-53	9041	P1A	849.2	01/14/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.11	6.33E-03	3.50E-02	—	pCi/L	—	—	11-1105	CAPA-11-3089	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-53	9041	P1A	849.2	10/12/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.169	7.00E-03	1.80E-02	—	pCi/L	—	—	11-129	CAPA-10-27456	GELC
R-53	9041	P1A	849.2	07/26/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.181	9.67E-03	6.20E-02	—	pCi/L	—	—	10-3845	CAPA-10-24174	GELC
R-53	9041	P1A	849.2	04/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.149	7.67E-03	3.70E-02	—	pCi/L	—	—	10-2823	CAPA-10-15928	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	0.73	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.5	—	—	0.73	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.8	—	—	0.73	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	0.73	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.7	—	—	0.73	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.98	—	—	0.066	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.86	—	—	0.066	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	0.066	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.88	—	—	0.066	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	0.066	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.26	—	—	0.033	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	0.033	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.198	—	—	0.033	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.245	—	—	0.033	mg/L	—	J-	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	0.033	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.8	—	—	0.45	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43	—	—	0.35	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.8	—	—	0.35	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.9	—	—	0.35	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	0.35	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.8	—	—	0.45	mg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	0.35	mg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	0.35	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	0.35	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	0.35	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.16	—	—	0.11	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.1	—	—	0.085	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	0.085	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	0.085	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.17	—	—	0.11	mg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	0.085	mg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	0.085	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	0.085	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	0.085	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.33	—	—	0.01	mg/L	—	—	11-2329	CAPA-11-9501	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.293	—	—	0.05	mg/L	—	J-	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.457	—	—	0.05	mg/L	—	J	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.391	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.42	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.261	—	—	0.05	µg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.292	—	—	0.05	µg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.284	—	—	0.05	µg/L	—	J+	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	0.05	µg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	0.05	µg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	0.05	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.01	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	0.05	mg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1	µS/cm	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	126	—	—	1	µS/cm	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	µS/cm	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1	µS/cm	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1	µS/cm	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.13	—	—	0.1	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.99	—	—	0.1	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.86	—	—	0.1	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.07	—	—	0.1	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.19	—	—	0.1	mg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	J	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.4	mg/L	—	J	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.437	—	—	0.33	mg/L	J	J	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.415	—	—	0.33	mg/L	J	J	11-1068	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.961	—	—	0.33	mg/L	J	J	11-141	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.73	—	—	0.33	mg/L	J	J	10-3859	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.349	—	—	0.33	mg/L	J	J	10-3457	CAPA-10-18479	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.09	—	—	0.01	SU	H	J-	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.3	—	—	0.01	SU	H	J-	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	0.01	SU	H	J-	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.27	—	—	0.01	SU	H	J-	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	0.01	SU	H	J-	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.04	—	—	1.7	µg/L	J	J	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.01	—	—	1.5	µg/L	J	J	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.77	—	—	1.7	µg/L	J	J	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.26	—	—	1.5	µg/L	J	J	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.57	—	—	1	µg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1	µg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1	µg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.3	—	—	1	µg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.3	—	—	1	µg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.71	—	—	1	µg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.2	—	—	1	µg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.4	—	—	1	µg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.3	—	—	1	µg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.9	—	—	1	µg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.11	—	—	0.17	µg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.16	—	—	0.17	µg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	0.1	µg/L	—	J	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.12	—	—	0.1	µg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.11	—	—	0.1	µg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.11	—	—	0.17	µg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.16	—	—	0.17	µg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	µg/L	—	J	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.1	µg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	0.1	µg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.703	—	—	0.5	µg/L	J	J	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.685	—	—	0.5	µg/L	J	J	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	0.5	µg/L	J	J	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.787	—	—	0.5	µg/L	J	J	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.679	—	—	0.5	µg/L	J	J	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	0.5	µg/L	J	J	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.654	—	—	0.5	µg/L	J	J	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.545	—	—	0.5	µg/L	J	J	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.7	—	—	0.053	mg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.7	—	—	0.053	mg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.6	—	—	0.053	mg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	0.053	mg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.5	—	—	0.053	mg/L	—	—	10-3458	CAPA-10-18477	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52	—	—	1	µg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1	µg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.6	—	—	1	µg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1	µg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.4	—	—	1	µg/L	—	—	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.4	—	—	1	µg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1	µg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.6	—	—	1	µg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.7	—	—	1	µg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1	µg/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.434	—	—	0.067	µg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.433	—	—	0.067	µg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.503	—	—	0.05	µg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.401	—	—	0.05	µg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.474	—	—	0.05	µg/L	—	U	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.442	—	—	0.067	µg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.463	—	—	0.067	µg/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.526	—	—	0.05	µg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.436	—	—	0.05	µg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.516	—	—	0.05	µg/L	—	J	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.11	—	—	1	µg/L	—	—	11-2329	CAPA-11-9501	GELC
R-54	8971	P2A	915	01/12/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.04	—	—	1	µg/L	—	—	11-1069	CAPA-11-3051	GELC
R-54	8971	P2A	915	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.14	—	—	1	µg/L	—	—	11-142	CAPA-10-27448	GELC
R-54	8971	P2A	915	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.26	—	—	1	µg/L	—	—	10-3860	CAPA-10-24164	GELC
R-54	8971	P2A	915	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.88	—	—	1	µg/L	J	J	10-3458	CAPA-10-18477	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.45	—	—	1	µg/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.87	—	—	1	µg/L	J	J	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.11	—	—	1	µg/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.04	—	—	1	µg/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.99	—	—	1	µg/L	J	J	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	3.53	2.10E+00	2.10E+01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-10.5	2.20E+00	2.10E+01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00735	1.73E-03	3.70E-02	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000299	8.00E-04	2.50E-02	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00851	1.43E-03	3.40E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00659	1.20E-03	4.10E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00517	1.10E-03	2.60E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	11.1	6.00E+00	6.20E+01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	3.92	1.00E+00	1.00E+01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-1.17	5.33E-01	5.10E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.131	5.00E-01	5.00E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.88	4.33E-01	3.90E+00	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.804	5.67E-01	5.50E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.891	5.00E-01	4.70E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	4.58	5.00E-01	5.90E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.77	6.00E-01	6.90E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.206	4.67E-01	4.60E+00	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.24	4.67E-01	5.50E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.21	5.33E-01	5.70E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.296	5.00E-01	4.90E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.33	3.03E-01	2.80E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.373	1.53E-01	1.90E+00	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.426	1.87E-01	2.30E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.04	2.67E-01	2.70E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.59	2.80E-01	2.50E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.226	2.73E-01	2.90E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.86	3.07E-01	3.00E+00	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.747	2.10E-01	2.10E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.47	3.00E-01	2.90E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.86	4.67E-01	2.60E+00	—	pCi/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	-4.04	9.33E-01	9.00E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	4.9	1.17E+00	1.20E+01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00387	1.30E-03	3.00E-02	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00227	1.70E-03	2.50E-02	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00837	1.40E-03	2.40E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00436	1.27E-03	1.90E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0097	1.47E-03	2.90E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00581	1.13E-03	4.90E-02	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00681	1.70E-03	4.50E-02	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00628	1.57E-03	4.10E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.03E-03	3.20E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00582	1.43E-03	2.70E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.3	6.67E+00	6.50E+01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.6	5.67E+00	5.30E+01	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.8	5.33E+00	5.90E+01	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	46.3	7.33E+00	8.60E+01	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.2	6.00E+00	6.90E+01	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	74.7	5.33E+01	5.40E+02	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.74	5.00E-01	5.60E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.746	4.67E-01	4.30E+00	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.17	5.00E-01	5.40E+00	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.41	5.00E-01	5.00E+00	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.61	4.67E-01	4.30E+00	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.084	4.33E-02	5.00E-01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.09	4.67E-02	4.80E-01	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0563	4.33E-02	4.70E-01	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.14	5.00E-02	5.00E-01	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0324	4.33E-02	4.80E-01	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	0.325	5.67E-01	5.60E+00	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-105	2.37E+01	2.00E+02	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.259	1.00E-02	5.30E-02	—	pCi/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.278	1.00E-02	3.60E-02	—	pCi/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.342	1.20E-02	3.40E-02	—	pCi/L	—	J	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.342	1.43E-02	1.00E-01	—	pCi/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.363	1.20E-02	3.90E-02	—	pCi/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-19.6	3.33E+00	3.00E+01	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0178	2.57E-03	4.10E-02	—	pCi/L	U	U	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	2.7E-10	1.50E-03	2.70E-02	—	pCi/L	U	U	11-1069	CAPA-11-3050	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00495	2.33E-03	2.60E-02	—	pCi/L	U	U	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.017	2.87E-03	4.70E-02	—	pCi/L	U	U	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0157	2.00E-03	2.70E-02	—	pCi/L	U	U	10-3458	CAPA-10-18479	GELC
R-54	8971	P2A	915	05/05/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.121	6.33E-03	2.80E-02	—	pCi/L	—	—	11-2329	CAPA-11-9500	GELC
R-54	8971	P2A	915	01/12/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.138	6.33E-03	2.50E-02	—	pCi/L	—	—	11-1069	CAPA-11-3050	GELC
R-54	8971	P2A	915	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.172	7.67E-03	2.00E-02	—	pCi/L	—	—	11-142	CAPA-10-27446	GELC
R-54	8971	P2A	915	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.169	9.00E-03	6.00E-02	—	pCi/L	—	—	10-3860	CAPA-10-24165	GELC
R-54	8971	P2A	915	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.156	7.00E-03	3.00E-02	—	pCi/L	—	—	10-3458	CAPA-10-18479	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.8	—	—	0.73	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.2	—	—	0.73	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	0.73	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.1	—	—	0.73	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.7	—	—	0.73	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.58	—	—	0.05	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.31	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.51	—	—	0.05	mg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.7	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.2	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.85	—	—	0.066	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	0.066	mg/L	—	J+	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	0.066	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.04	—	—	0.066	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.9	—	—	0.066	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.204	—	—	0.033	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.271	—	—	0.033	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.216	—	—	0.033	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.246	—	—	0.033	mg/L	—	J-	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	0.033	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.6	—	—	0.45	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.8	—	—	0.35	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.7	—	—	0.35	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.5	—	—	0.35	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.6	—	—	0.35	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	0.45	mg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.6	—	—	0.35	mg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.7	—	—	0.35	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.3	—	—	0.35	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.8	—	—	0.35	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	0.11	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	0.085	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.28	—	—	0.085	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.49	—	—	0.085	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.24	—	—	0.085	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.98	—	—	0.11	mg/L	—	—	11-2304	CAPA-11-9499	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.23	—	—	0.085	mg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	0.085	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.41	—	—	0.085	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.36	—	—	0.085	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.332	—	—	0.05	mg/L	—	J-	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.259	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.279	—	—	0.05	mg/L	—	J	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.215	—	—	0.05	mg/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.293	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.248	—	—	0.05	µg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.21	—	—	0.05	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.183	—	—	0.05	µg/L	J	J+	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.172	—	—	0.05	µg/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.242	—	—	0.05	µg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	0.05	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.07	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.5	—	—	0.05	mg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.01	—	—	0.05	mg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.07	—	—	0.05	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.73	—	—	0.05	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.1	—	—	0.1	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	0.1	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	0.1	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	0.1	mg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.5	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.7	—	—	0.1	mg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	0.1	mg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	0.1	mg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	145	—	—	1	µS/cm	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1	µS/cm	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1	µS/cm	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	179	—	—	1	µS/cm	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1	µS/cm	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.94	—	—	0.1	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.84	—	—	0.1	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.82	—	—	0.1	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.83	—	—	0.1	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.21	—	—	0.1	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.4	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	165	—	—	2.4	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.4	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.4	mg/L	—	J	10-3458	CAPA-10-18475	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.57	—	—	0.33	mg/L	J	J	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.996	—	—	0.33	mg/L	J	J	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.27	—	—	0.33	mg/L	—	—	11-141	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.02	—	—	0.33	mg/L	—	—	10-3859	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.558	—	—	0.33	mg/L	J	J	10-3457	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	0.01	SU	H	J-	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.23	—	—	0.01	SU	H	J-	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	0.01	SU	H	J-	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.32	—	—	0.01	SU	H	J-	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	0.01	SU	H	J-	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.83	—	—	1.7	µg/L	J	J	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.79	—	—	1.5	µg/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.44	—	—	1.7	µg/L	J	J	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.82	—	—	1.5	µg/L	J	J	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	µg/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.2	—	—	1	µg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.2	—	—	1	µg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.1	—	—	1	µg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.3	—	—	1	µg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.5	—	—	1	µg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.7	—	—	1	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.3	—	—	1	µg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.4	—	—	1	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.2	—	—	1	µg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.08	—	—	1	µg/L	J	J	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.44	—	—	1	µg/L	J	J	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	3.08	—	—	1	µg/L	J	J	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.16	—	—	1	µg/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.46	—	—	1	µg/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.99	—	—	1	µg/L	J	J	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.66	—	—	1	µg/L	J	J	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.4	—	—	1	µg/L	J	J	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	µg/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	614	—	—	30	µg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	2650	—	—	30	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	3850	—	—	30	µg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1940	—	—	30	µg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	101	—	—	30	µg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	668	—	—	30	µg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2670	—	—	30	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4600	—	—	30	µg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2050	—	—	30	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	221	—	—	30	µg/L	—	—	10-3458	CAPA-10-18473	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	136	—	—	2	µg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	252	—	—	2	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	280	—	—	2	µg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	216	—	—	2	µg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	80.2	—	—	2	µg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	134	—	—	2	µg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	251	—	—	2	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	306	—	—	2	µg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	204	—	—	2	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	79.8	—	—	2	µg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.06	—	—	0.17	µg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.15	—	—	0.17	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.92	—	—	0.1	µg/L	—	J	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.03	—	—	0.1	µg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.42	—	—	0.1	µg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2	—	—	0.17	µg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.17	—	—	0.17	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4	—	—	0.1	µg/L	—	J	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.77	—	—	0.1	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.39	—	—	0.1	µg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	J	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.41	—	—	0.5	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.58	—	—	0.5	µg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	µg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	0.5	µg/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	µg/L	J	J	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.41	—	—	0.5	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.49	—	—	0.5	µg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.76	—	—	0.5	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.898	—	—	0.5	µg/L	J	J	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66	—	—	0.053	mg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.9	—	—	0.053	mg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	0.053	mg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70	—	—	0.053	mg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	0.053	mg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.4	—	—	1	µg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	64.4	—	—	1	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	66.1	—	—	1	µg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.5	—	—	1	µg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1	µg/L	—	—	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1	µg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64.3	—	—	1	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.6	—	—	1	µg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.4	—	—	1	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1	µg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.509	—	—	0.067	µg/L	—	—	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.584	—	—	0.067	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.532	—	—	0.05	µg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.369	—	—	0.05	µg/L	—	—	10-3860	CAPA-10-24161	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.603	—	—	0.05	µg/L	—	J	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.513	—	—	0.067	µg/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.609	—	—	0.067	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.571	—	—	0.05	µg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.421	—	—	0.05	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.671	—	—	0.05	µg/L	—	J	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.47	—	—	1	µg/L	J	J	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.39	—	—	1	µg/L	J	J	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.01	—	—	1	µg/L	J	J	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.22	—	—	1	µg/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.59	—	—	1	µg/L	J	J	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.15	—	—	1	µg/L	J	J	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	µg/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.24	—	—	1	µg/L	J	J	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.18	—	—	1	µg/L	J	J	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.67	—	—	3.3	µg/L	J	J	11-2304	CAPA-11-9497	GELC
R-54	8981	P1A	830	01/14/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12	—	—	3.3	µg/L	—	—	11-1105	CAPA-11-3048	GELC
R-54	8981	P1A	830	10/13/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	23.3	—	—	3.3	µg/L	—	—	11-142	CAPA-10-27445	GELC
R-54	8981	P1A	830	07/27/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	24.5	—	—	3.3	µg/L	—	—	10-3860	CAPA-10-24161	GELC
R-54	8981	P1A	830	06/18/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	10	—	—	3.3	µg/L	J	J	10-3458	CAPA-10-18475	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.37	—	—	3.3	µg/L	J	J	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.6	—	—	3.3	µg/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	29	—	—	3.3	µg/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	31.5	—	—	3.3	µg/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.7	—	—	3.3	µg/L	—	—	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-8.94	2.07E+00	1.90E+01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00591	1.13E-03	4.00E-02	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-10.7	2.33E+00	2.20E+01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00123	1.33E-03	2.70E-02	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00167	9.67E-04	3.20E-02	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0035	1.13E-03	3.50E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0033	1.10E-03	2.30E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	14.6	5.67E+00	6.10E+01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	2.76	1.10E+00	1.10E+01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-3.7	5.33E-01	4.10E+00	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.59	4.67E-01	5.10E+00	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.371	3.33E-01	3.30E+00	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.93	5.00E-01	4.60E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.41	6.67E-01	5.50E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.89	5.00E-01	5.50E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.16	5.00E-01	5.30E+00	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.708	3.67E-01	3.40E+00	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.36	4.33E-01	4.30E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.409	7.00E-01	6.80E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2	5.00E-01	4.40E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.471	1.70E-01	2.00E+00	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.652	1.90E-01	1.90E+00	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.773	2.30E-01	2.50E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.08	3.03E-01	2.30E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.35	2.83E-01	2.70E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.01	3.00E-01	2.40E+00	—	pCi/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.75	3.30E-01	3.20E+00	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.283	2.47E-01	2.80E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.57	3.67E-01	3.00E+00	—	pCi/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.16	2.47E-01	2.40E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	0.796	9.33E-01	9.10E+00	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	6.83	1.07E+00	1.10E+01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0196	2.30E-03	3.10E-02	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0125	3.33E-03	2.30E-02	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0102	2.03E-03	2.30E-02	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0024	1.40E-03	2.10E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00178	6.00E-04	2.70E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00588	1.97E-03	5.00E-02	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00733	2.10E-03	4.30E-02	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00407	1.93E-03	4.00E-02	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0048	2.27E-03	3.50E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00892	1.57E-03	2.50E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.8	6.33E+00	5.80E+01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	31.5	4.67E+00	4.70E+01	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.28	6.00E+00	6.70E+01	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.7	8.00E+00	8.60E+01	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	68.1	1.07E+01	4.40E+01	—	pCi/L	UI	R	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-129	6.00E+01	5.40E+02	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0522	4.00E-01	4.10E+00	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.66	2.33E-01	1.90E+00	—	pCi/L	UI	R	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.405	5.00E-01	5.00E+00	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.93	6.67E-01	7.60E+00	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.11	4.33E-01	4.40E+00	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.134	4.33E-02	4.50E-01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0887	4.67E-02	4.80E-01	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.133	4.33E-02	4.70E-01	—	pCi/L	U	U	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.399	5.33E-02	4.70E-01	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.361	5.33E-02	4.90E-01	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-3.31	5.33E-01	4.50E+00	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-85.1	2.47E+01	2.10E+02	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.391	1.30E-02	5.20E-02	—	pCi/L	—	—	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.365	1.37E-02	5.20E-02	—	pCi/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.387	1.27E-02	3.20E-02	—	pCi/L	—	J	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.309	1.27E-02	8.40E-02	—	pCi/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.442	1.63E-02	6.50E-02	—	pCi/L	—	J+	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-8.58	3.00E+00	2.90E+01	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0323	3.30E-03	4.00E-02	—	pCi/L	U	U	11-2304	CAPA-11-9499	GELC
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00327	2.43E-03	3.90E-02	—	pCi/L	U	U	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0462	3.67E-03	2.40E-02	—	pCi/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0216	3.00E-03	4.00E-02	—	pCi/L	U	U	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0147	3.03E-03	4.40E-02	—	pCi/L	U	U	10-3458	CAPA-10-18473	GELC
R-54	8981	P1A	830	05/04/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.169	7.33E-03	2.70E-02	—	pCi/L	—	—	11-2304	CAPA-11-9499	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-54	8981	P1A	830	01/14/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.151	7.67E-03	3.70E-02	—	pCi/L	—	—	11-1105	CAPA-11-3047	GELC
R-54	8981	P1A	830	10/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.155	6.67E-03	1.90E-02	—	pCi/L	—	—	11-142	CAPA-10-27444	GELC
R-54	8981	P1A	830	07/27/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.146	7.67E-03	5.10E-02	—	pCi/L	—	—	10-3860	CAPA-10-24160	GELC
R-54	8981	P1A	830	06/18/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.17	9.00E-03	4.90E-02	—	pCi/L	—	J+	10-3458	CAPA-10-18473	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.9	—	—	0.73	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.6	—	—	0.73	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	119	—	—	0.73	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.05	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	0.05	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.05	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.8	—	—	0.05	mg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	0.05	mg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.05	mg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	16.4	—	—	0.066	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.83	—	—	0.066	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.69	—	—	0.066	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.202	—	—	0.033	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.362	—	—	0.033	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.357	—	—	0.033	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.3	—	—	0.45	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.1	—	—	0.45	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	0.35	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.2	—	—	0.45	mg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.7	—	—	0.45	mg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.6	—	—	0.35	mg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	0.11	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.26	—	—	0.11	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.04	—	—	0.085	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.28	—	—	0.11	mg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	0.11	mg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	0.085	mg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.627	—	—	0.01	mg/L	—	J-	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.675	—	—	0.05	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.76	—	—	0.05	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.462	—	—	0.05	µg/L	—	J+	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.456	—	—	0.05	µg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.458	—	—	0.05	µg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	0.05	mg/L	—	J	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	0.05	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	0.05	mg/L	—	J	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.79	—	—	0.05	mg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	0.05	mg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.1	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	0.1	mg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	10-4498	CAPA-10-26320	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	173	—	—	1	µS/cm	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1	µS/cm	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	170	—	—	1	µS/cm	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.4	—	—	0.1	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.02	—	—	0.1	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.04	—	—	0.1	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.4	mg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.4	mg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.4	mg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.533	—	—	0.33	mg/L	J	J	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.876	—	—	0.33	mg/L	J	J	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.11	—	—	0.33	mg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	0.01	SU	H	J-	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	0.01	SU	H	J-	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.1	—	—	1	µg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.7	—	—	1	µg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.1	—	—	1	µg/L	—	J	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.3	—	—	1	µg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.5	—	—	1	µg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.9	—	—	1	µg/L	—	J	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.5	—	—	15	µg/L	J	J	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.5	—	—	15	µg/L	J	J	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.1	—	—	15	µg/L	J	J	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.2	—	—	15	µg/L	J	J	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.5	—	—	15	µg/L	J	J	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.9	—	—	15	µg/L	J	J	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.06	—	—	2	µg/L	J	J	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	16.2	—	—	2	µg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.62	—	—	2	µg/L	J	J	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.26	—	—	2	µg/L	J	J	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.5	—	—	2	µg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.96	—	—	2	µg/L	J	J	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	0.17	µg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.15	—	—	0.17	µg/L	—	U	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.1	µg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	0.17	µg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.12	—	—	0.17	µg/L	—	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.1	µg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.934	—	—	0.5	µg/L	J	J	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.971	—	—	0.5	µg/L	J	J	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.94	—	—	0.5	µg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.958	—	—	0.5	µg/L	J	J	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.957	—	—	0.5	µg/L	J	J	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	0.053	µg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.8	—	—	0.053	µg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.5	—	—	0.053	µg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	72.5	—	—	1	µg/L	—	—	11-2230	CAPA-11-9503	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73.4	—	—	1	µg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73	—	—	1	µg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.5	—	—	1	µg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74.8	—	—	1	µg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	72.6	—	—	1	µg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.645	—	—	0.067	µg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.639	—	—	0.067	µg/L	—	—	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.623	—	—	0.05	µg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.665	—	—	0.067	µg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.644	—	—	0.067	µg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.673	—	—	0.05	µg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.17	—	—	1	µg/L	—	—	11-2230	CAPA-11-9503	GELC
R-55	9451	P1A	860	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.89	—	—	1	µg/L	J	J	11-1295	CAPA-11-4719	GELC
R-55	9451	P1A	860	09/09/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.65	—	—	1	µg/L	—	—	10-4498	CAPA-10-26321	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.26	—	—	1	µg/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.16	—	—	1	µg/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.79	—	—	1	µg/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00254	1.90E-03	5.20E-02	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00635	9.67E-04	2.50E-02	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0033	1.07E-03	3.30E-02	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.62	4.33E-01	3.70E+00	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.321	4.33E-01	4.10E+00	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.44	4.67E-01	3.70E+00	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.182	3.33E-01	3.20E+00	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.42	5.00E-01	4.40E+00	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.35	4.33E-01	4.80E+00	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.233	2.27E-01	2.90E+00	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.343	1.73E-01	2.20E+00	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.697	1.83E-01	1.90E+00	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.22	3.10E-01	2.80E+00	—	pCi/L	—	—	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.67	2.60E-01	2.30E+00	—	pCi/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.72	2.70E-01	2.50E+00	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.02	8.67E-01	8.90E+00	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.69	8.33E-01	7.90E+00	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.27	8.33E-01	8.80E+00	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.33E-04	3.00E-02	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00357	1.20E-03	2.00E-02	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0022	1.03E-03	2.40E-02	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0227	2.40E-03	4.80E-02	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-8.5E-10	1.47E-03	3.20E-02	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00879	1.80E-03	3.60E-02	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.6	5.00E+00	5.60E+01	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	46.8	5.67E+00	4.30E+01	—	pCi/L	UI	R	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.42	6.33E+00	6.90E+01	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.258	5.33E-01	5.10E+00	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.78	4.33E-01	4.80E+00	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.856	4.33E-01	3.90E+00	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.301	5.00E-02	4.90E-01	—	pCi/L	U	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0936	4.00E-02	4.70E-01	—	pCi/L	U	U	11-1295	CAPA-11-4718	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.371	5.33E-02	4.80E-01	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.466	1.37E-01	7.30E-02	—	pCi/L	—	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.441	1.37E-02	3.40E-02	—	pCi/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.485	1.60E-02	6.40E-02	—	pCi/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.3	8.67E-02	5.60E-02	—	pCi/L	—	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.036	3.03E-03	2.50E-02	—	pCi/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00589	1.97E-03	3.20E-02	—	pCi/L	U	U	10-4498	CAPA-10-26320	GELC
R-55	9451	P1A	860	04/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.243	7.00E-02	3.80E-02	—	pCi/L	—	U	11-2230	CAPA-11-9505	GELC
R-55	9451	P1A	860	02/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.213	8.00E-03	2.50E-02	—	pCi/L	—	—	11-1295	CAPA-11-4718	GELC
R-55	9451	P1A	860	09/09/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.176	8.00E-03	2.80E-02	—	pCi/L	—	—	10-4498	CAPA-10-26320	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.5	—	—	0.73	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.7	—	—	0.73	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	0.73	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18	—	—	0.05	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.9	—	—	0.05	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.2	—	—	0.05	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.05	mg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.2	—	—	0.05	mg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.05	mg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.69	—	—	0.066	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.62	—	—	0.066	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.55	—	—	0.066	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.316	—	—	0.033	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.373	—	—	0.033	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.342	—	—	0.033	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.3	—	—	0.45	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	62.7	—	—	0.45	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60	—	—	0.35	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.8	—	—	0.45	mg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64	—	—	0.45	mg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.7	—	—	0.35	mg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.44	—	—	0.11	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.39	—	—	0.11	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.17	—	—	0.085	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.34	—	—	0.11	mg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.47	—	—	0.11	mg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.16	—	—	0.085	mg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.495	—	—	0.01	mg/L	—	J-	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	0.05	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.7	—	—	0.05	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.418	—	—	0.05	µg/L	—	J+	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.426	—	—	0.05	µg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.436	—	—	0.05	µg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	0.05	mg/L	—	J	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	0.05	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	0.05	mg/L	—	J	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.94	—	—	0.05	mg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	10-4567	CAPA-10-26324	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.1	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	0.1	mg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	0.1	mg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1	µS/cm	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1	µS/cm	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	171	—	—	1	µS/cm	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.39	—	—	0.1	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.8	—	—	0.1	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.31	—	—	0.1	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.4	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.4	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.4	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.464	—	—	0.33	mg/L	J	J	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.914	—	—	0.33	mg/L	J	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	0.01	SU	H	J-	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	0.01	SU	H	J-	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.27	—	—	0.01	SU	H	J-	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1	µg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.8	—	—	1	µg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.2	—	—	1	µg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1	µg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1	µg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.2	—	—	1	µg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.4	—	—	15	µg/L	J	J	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.8	—	—	15	µg/L	J	J	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.1	—	—	15	µg/L	B	J	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.3	—	—	15	µg/L	J	J	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.1	—	—	15	µg/L	J	J	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	15	µg/L	B	J	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	0.17	µg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.17	µg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.76	—	—	0.1	µg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	0.17	µg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	0.17	µg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	0.1	µg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.906	—	—	0.5	µg/L	J	J	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.19	—	—	0.5	µg/L	J	J	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.531	—	—	0.5	µg/L	B	J	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.5	—	—	0.053	mg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.5	—	—	0.053	mg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.8	—	—	0.053	mg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.6	—	—	1	µg/L	—	—	11-2230	CAPA-11-9507	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.1	—	—	1	µg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73	—	—	1	µg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.5	—	—	1	µg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82.5	—	—	1	µg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	72.8	—	—	1	µg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.683	—	—	0.067	µg/L	—	—	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.6	—	—	0.067	µg/L	—	—	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.609	—	—	0.05	µg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.682	—	—	0.067	µg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.636	—	—	0.067	µg/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.594	—	—	0.05	µg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.97	—	—	1	µg/L	J	J	11-2230	CAPA-11-9507	GELC
R-55	9461	P2A	994.4	02/01/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.32	—	—	1	µg/L	J	J	11-1272	CAPA-11-4729	GELC
R-55	9461	P2A	994.4	09/14/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.54	—	—	1	µg/L	—	—	10-4567	CAPA-10-26323	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.21	—	—	1	µg/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.89	—	—	1	µg/L	J	J	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.56	—	—	1	µg/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00558	2.07E-03	3.80E-02	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00367	4.00E-03	3.20E-02	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00467	1.67E-03	4.10E-02	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.74	5.00E-01	5.60E+00	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.9	4.67E-01	3.60E+00	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.37	6.67E-01	6.10E+00	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.705	5.00E-01	4.60E+00	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.65	5.33E-01	4.30E+00	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.55	5.67E-01	6.00E+00	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.0946	2.20E-01	2.80E+00	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.09	2.97E-01	2.30E+00	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.634	1.93E-01	2.10E+00	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.773	2.97E-01	3.00E+00	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.65	3.67E-01	2.10E+00	—	pCi/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.69	3.03E-01	2.90E+00	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.219	1.13E+00	1.10E+01	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.977	8.33E-01	8.40E+00	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.3	1.03E+00	1.10E+01	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00557	1.87E-03	2.90E-02	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00222	1.27E-03	2.50E-02	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00478	1.37E-03	2.60E-02	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00185	2.23E-03	4.70E-02	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00443	1.80E-03	4.00E-02	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00239	1.37E-03	3.90E-02	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.3	7.33E+00	7.30E+01	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.23	7.33E+00	7.10E+01	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.15	5.00E+00	5.60E+01	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.313	5.33E-01	5.50E+00	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.484	4.67E-01	4.60E+00	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.71	5.67E-01	6.10E+00	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.215	5.00E-02	5.00E-01	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.147	4.67E-02	4.70E-01	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.148	4.67E-02	4.80E-01	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.372	1.57E-02	9.40E-02	—	pCi/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.445	1.43E-02	3.80E-02	—	pCi/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.35	1.20E-02	5.30E-02	—	pCi/L	—	—	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00895	3.00E-03	7.20E-02	—	pCi/L	U	U	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0237	3.00E-03	2.80E-02	—	pCi/L	U	U	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00979	2.00E-03	2.70E-02	—	pCi/L	U	U	10-4567	CAPA-10-26324	GELC
R-55	9461	P2A	994.4	04/28/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	1.03E-02	4.90E-02	—	pCi/L	—	—	11-2230	CAPA-11-9508	GELC
R-55	9461	P2A	994.4	02/01/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.239	9.00E-03	2.80E-02	—	pCi/L	—	—	11-1272	CAPA-11-4726	GELC
R-55	9461	P2A	994.4	09/14/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.2	8.33E-03	2.30E-02	—	pCi/L	—	—	10-4567	CAPA-10-26324	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	91.9	—	—	0.73	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89.5	—	—	0.73	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0438	—	—	0.016	mg/L	J	J	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.033	—	—	0.016	mg/L	J	U	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.245	—	—	0.066	mg/L	—	J+	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.244	—	—	0.066	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.6	—	—	0.05	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.3	—	—	0.05	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.8	—	—	0.05	mg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.2	—	—	0.05	mg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.2	—	—	0.066	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	16.6	—	—	0.066	mg/L	—	J+	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.279	—	—	0.033	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	0.033	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	126	—	—	0.45	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	126	—	—	0.45	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	127	—	—	0.45	mg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	122	—	—	0.45	mg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.08	—	—	0.11	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.17	—	—	0.11	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.09	—	—	0.11	mg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.81	—	—	0.11	mg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.83	—	—	0.1	mg/L	—	J-	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.88	—	—	0.05	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.88	—	—	0.1	µg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.987	—	—	0.1	µg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	0.05	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.3	—	—	0.05	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	0.05	mg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.24	—	—	0.05	mg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	0.1	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	0.1	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.2	—	—	0.1	mg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.1	mg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	302	—	—	1	µS/cm	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	315	—	—	1	µS/cm	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.3	—	—	0.1	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.1	—	—	0.1	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	218	—	—	2.4	mg/L	—	—	11-2376	CAPA-11-10607	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	218	—	—	2.4	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.38	—	—	0.33	mg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.64	—	—	0.33	mg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	0.01	SU	H	J-	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	0.01	SU	H	J-	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.11	—	—	1.7	µg/L	J	J	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.7	µg/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	51	—	—	1	µg/L	—	J	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.5	—	—	1	µg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.9	—	—	1	µg/L	—	J	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.6	—	—	1	µg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	15	µg/L	J	J	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.8	—	—	15	µg/L	J	J	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	15	µg/L	J	J	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.4	—	—	15	µg/L	J	J	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	431	—	—	30	µg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	82.3	—	—	30	µg/L	J	J	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	675	—	—	30	µg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	168	—	—	30	µg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	621	—	—	2	µg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	435	—	—	2	µg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	644	—	—	2	µg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	406	—	—	2	µg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.5	—	—	0.17	µg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	7.76	—	—	0.17	µg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.41	—	—	0.17	µg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.39	—	—	0.17	µg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.9	—	—	0.5	µg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.86	—	—	0.5	µg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.04	—	—	0.5	µg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.85	—	—	0.5	µg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	46.2	—	—	0.053	mg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44	—	—	0.053	mg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1	µg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1	µg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1	µg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1	µg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.23	—	—	0.067	µg/L	—	—	11-2376	CAPA-11-10607	GELC
R-55i	9481	Single	510	03/23/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.12	—	—	0.067	µg/L	—	—	11-1747	CAPA-11-4735	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.15	—	—	0.067	µg/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.07	—	—	0.067	µg/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-3.82	2.00E+00	1.90E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	2.57E-10	1.43E-03	4.40E-02	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	3.43	3.67E+00	3.80E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0135	1.80E-03	2.40E-02	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	25.1	7.67E+00	8.00E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	-1.84	1.20E+00	1.10E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	-1.32	6.00E-01	5.30E+00	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.2	5.00E-01	3.70E+00	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.725	3.33E-01	3.50E+00	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.29	5.67E-01	5.10E+00	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.437	4.00E-01	3.80E+00	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.78	2.80E-01	2.10E+00	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.953	2.50E-01	2.60E+00	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.44	2.97E-01	2.90E+00	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.23	2.80E-01	2.40E+00	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	8.7	2.20E+00	1.60E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	-3.3	1.30E+00	1.20E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00271	1.57E-03	4.30E-02	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00389	1.13E-03	2.40E-02	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0189	3.00E-03	6.90E-02	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00194	1.43E-03	3.60E-02	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	48.1	5.67E+00	7.10E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.8	4.67E+00	4.30E+01	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-149	7.67E+01	7.20E+02	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.33	5.00E-01	5.50E+00	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.38	5.33E-01	5.50E+00	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.249	4.00E-02	4.60E-01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.224	5.00E-02	5.10E-01	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-1.92	6.33E-01	6.90E+00	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-319	3.67E+01	3.20E+02	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.661	2.20E-02	7.70E-02	—	pCi/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.672	2.17E-02	3.90E-02	—	pCi/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	0.143	4.00E+00	3.30E+01	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0294	3.67E-03	5.90E-02	—	pCi/L	U	U	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0206	3.27E-03	3.20E-02	—	pCi/L	U	U	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.289	1.20E-02	4.00E-02	—	pCi/L	—	—	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.314	1.27E-02	4.30E-02	—	pCi/L	—	—	11-1747	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	FD	Voa	SW-846:8260B	Acetone	—	56.3	—	—	3.5	µg/L	—	J	11-2376	CAPA-11-10609	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	48.8	—	—	3.5	µg/L	—	J	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	10.1	—	—	3.5	µg/L	—	—	11-1745	CAPA-11-4734	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	0.63	—	—	0.25	µg/L	J	J	11-2376	CAPA-11-10609	GELC
R-55i	9481	Single	510	05/10/11	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.63	—	—	0.25	µg/L	J	J	11-2376	CAPA-11-10606	GELC
R-55i	9481	Single	510	03/23/11	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.72	—	—	0.25	µg/L	—	—	11-1745	CAPA-11-4734	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.7	—	—	0.73	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66	—	—	0.73	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.1	—	—	0.73	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	0.05	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.05	mg/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.44	—	—	0.066	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.38	—	—	0.066	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.19	—	—	0.066	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.357	—	—	0.033	mg/L	—	—	11-2392	CAPA-11-9511	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.333	—	—	0.033	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.28	—	—	0.033	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.5	—	—	0.45	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.9	—	—	0.45	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.7	—	—	0.35	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.45	mg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.9	—	—	0.45	mg/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.8	—	—	0.35	mg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.24	—	—	0.11	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.18	—	—	0.11	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.99	—	—	0.085	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	0.11	mg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.24	—	—	0.11	mg/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.98	—	—	0.085	mg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.926	—	—	0.1	mg/L	—	J-	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.57	—	—	0.05	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.7	—	—	0.05	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.284	—	—	0.05	µg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.297	—	—	0.05	µg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.347	—	—	0.05	µg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	0.05	mg/L	—	J	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.07	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	0.05	mg/L	—	J	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.77	—	—	0.05	mg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.1	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.83	—	—	0.1	mg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1	µS/cm	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	149	—	—	1	µS/cm	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.23	—	—	0.1	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.03	—	—	0.1	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.7	—	—	0.1	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.337	—	—	0.33	mg/L	J	J	11-2391	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.878	—	—	0.33	mg/L	J	J	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.44	—	—	0.33	mg/L	—	—	10-4232	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	0.01	SU	H	J-	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	0.01	SU	H	J-	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.5	—	—	1	µg/L	—	J	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1	µg/L	—	—	11-1282	CAPA-11-4723	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.9	—	—	1	µg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1	µg/L	—	J	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.6	—	—	1	µg/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.5	—	—	1	µg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15	—	—	15	µg/L	J	J	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	15	µg/L	J	J	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	15	µg/L	J	J	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.05	—	—	2	µg/L	J	J	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	U	U	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2	µg/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	µg/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.61	—	—	2	µg/L	J	J	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4	—	—	2	µg/L	J	J	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	17.6	—	—	2	µg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.3	—	—	2	µg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.72	—	—	2	µg/L	J	J	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.8	—	—	2	µg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.01	—	—	0.17	µg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.96	—	—	0.17	µg/L	—	J	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.86	—	—	0.1	µg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.71	—	—	0.17	µg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.99	—	—	0.17	µg/L	—	J	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.66	—	—	0.1	µg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.828	—	—	0.5	µg/L	J	J	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	1.91	—	—	0.5	µg/L	J	U	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.606	—	—	0.5	µg/L	J	J	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	0.5	µg/L	J	J	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	1.91	—	—	0.5	µg/L	J	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.567	—	—	0.5	µg/L	J	J	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58	—	—	1	µg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.9	—	—	1	µg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.2	—	—	1	µg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.5	—	—	1	µg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.1	—	—	1	µg/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.8	—	—	1	µg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.666	—	—	0.067	µg/L	—	—	11-2392	CAPA-11-9511	GELC
R-56	9361	P1A	945	02/03/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.651	—	—	0.067	µg/L	—	—	11-1282	CAPA-11-4723	GELC
R-56	9361	P1A	945	08/19/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.662	—	—	0.05	µg/L	—	—	10-4233	CAPA-10-24869	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.578	—	—	0.067	µg/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.647	—	—	0.067	µg/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.572	—	—	0.05	µg/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-3.4	1.83E+00	1.60E+01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00183	1.07E-03	3.70E-02	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-3.3	7.33E-01	6.70E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00136	7.67E-04	2.30E-02	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00926	1.33E-03	4.10E-02	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	-8.63	6.00E+00	5.80E+01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	7.2	1.13E+00	1.10E+01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	0.813	4.67E-01	4.70E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.72	6.67E-01	7.00E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0054	4.67E-01	4.80E+00	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.502	4.67E-01	4.60E+00	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.593	4.00E-01	4.10E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.83	5.33E-01	5.70E+00	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.989	5.00E-01	5.30E+00	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.07	2.63E-01	2.60E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.112	1.37E-01	2.30E+00	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	-0.626	1.53E-01	2.70E+00	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.97	3.67E-01	3.00E+00	—	pCi/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.32	3.03E-01	3.00E+00	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.56	2.57E-01	2.40E+00	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	-0.759	8.00E-01	7.20E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	2.22	1.03E+00	1.00E+01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.014	1.93E-03	3.70E-02	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00418	2.97E-03	2.30E-02	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0161	2.87E-03	1.80E-02	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.20E-03	5.90E-02	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00418	1.70E-03	3.80E-02	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00403	1.63E-03	2.90E-02	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.325	6.33E+00	6.10E+01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	40.3	6.67E+00	7.60E+01	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.8	6.67E+00	6.50E+01	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-119	6.33E+01	5.40E+02	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.04	4.00E-01	3.80E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.63	5.00E-01	5.00E+00	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.47	4.67E-01	5.10E+00	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.136	5.33E-02	5.50E-01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0257	4.67E-02	4.90E-01	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0492	4.33E-02	4.70E-01	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-1.14	5.00E-01	4.60E+00	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-46.4	9.67E+00	9.30E+01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.363	1.37E-02	7.10E-02	—	pCi/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.438	1.37E-02	3.60E-02	—	pCi/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.442	1.60E-02	8.60E-02	—	pCi/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-11.8	2.63E+00	2.30E+01	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0169	3.00E-03	5.40E-02	—	pCi/L	U	U	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	2.27E-03	2.70E-02	—	pCi/L	U	U	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00737	3.00E-03	4.10E-02	—	pCi/L	U	U	10-4233	CAPA-10-24868	GELC
R-56	9361	P1A	945	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.183	8.67E-03	3.70E-02	—	pCi/L	—	—	11-2392	CAPA-11-9510	GELC
R-56	9361	P1A	945	02/03/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.216	8.33E-03	2.60E-02	—	pCi/L	—	—	11-1282	CAPA-11-4722	GELC
R-56	9361	P1A	945	08/19/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.212	1.00E-02	5.20E-02	—	pCi/L	—	—	10-4233	CAPA-10-24868	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.6	—	—	0.73	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.5	—	—	0.73	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.5	—	—	0.73	mg/L	—	—	10-4168	CAPA-10-24871	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0261	—	—	0.016	mg/L	J	J	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.09	—	—	0.066	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.27	—	—	0.066	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	0.066	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.321	—	—	0.033	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.333	—	—	0.033	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.313	—	—	0.033	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.3	—	—	0.45	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	0.45	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.9	—	—	0.35	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.3	—	—	0.45	mg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.8	—	—	0.45	mg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.9	—	—	0.35	mg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.56	—	—	0.11	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.64	—	—	0.11	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.085	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	0.11	mg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.76	—	—	0.11	mg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.6	—	—	0.085	mg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.682	—	—	0.1	mg/L	—	J-	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.51	—	—	0.05	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.655	—	—	0.05	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	0.05	µg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	0.05	µg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.328	—	—	0.05	µg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.88	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	0.05	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.7	—	—	0.05	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	0.05	mg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.98	—	—	0.05	mg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	0.1	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.1	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.1	mg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1	µS/cm	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1	µS/cm	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1	µS/cm	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.41	—	—	0.1	mg/L	—	—	11-2392	CAPA-11-9513	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.95	—	—	0.1	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.75	—	—	0.1	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.4	mg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.4	mg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	0.01	SU	H	J-	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1	µg/L	—	J	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1	µg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1	µg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.2	—	—	1	µg/L	—	J	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.1	—	—	1	µg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.6	—	—	1	µg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	15	µg/L	J	J	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	15	µg/L	J	J	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	47.8	—	—	30	µg/L	J	J	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	69.3	—	—	30	µg/L	J	J	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	30	µg/L	U	U	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	65.3	—	—	30	µg/L	J	J	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	103	—	—	30	µg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.3	—	—	30	µg/L	J	J	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.13	—	—	2	µg/L	J	J	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	16.3	—	—	2	µg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	µg/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.5	—	—	2	µg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.14	—	—	0.17	µg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.73	—	—	0.17	µg/L	—	J	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.15	—	—	0.1	µg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.11	—	—	0.17	µg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.69	—	—	0.17	µg/L	—	J	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.33	—	—	0.1	µg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.614	—	—	0.5	µg/L	J	J	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.909	—	—	0.5	µg/L	J	J	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.515	—	—	0.5	µg/L	J	J	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.608	—	—	0.5	µg/L	J	J	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.839	—	—	0.5	µg/L	J	J	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.666	—	—	0.5	µg/L	J	J	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.6	—	—	1	µg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1	µg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1	µg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.5	—	—	1	µg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1	µg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.7	—	—	1	µg/L	—	—	10-4168	CAPA-10-24872	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-56	9371	P2A	1046.6	05/10/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.528	—	—	0.067	µg/L	—	—	11-2392	CAPA-11-9513	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.66	—	—	0.067	µg/L	—	—	11-1290	CAPA-11-4730	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.605	—	—	0.05	µg/L	—	—	10-4168	CAPA-10-24871	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.531	—	—	0.067	µg/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.629	—	—	0.067	µg/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.656	—	—	0.05	µg/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-15	2.80E+00	2.30E+01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-10.3	2.43E+00	2.30E+01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00565	2.27E-03	3.80E-02	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00783	1.47E-03	2.40E-02	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00993	1.90E-03	4.50E-02	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	14.6	8.00E+00	8.40E+01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	7.29	1.63E+00	1.80E+01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	3.21	7.67E-01	8.60E+00	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.444	6.33E-01	6.40E+00	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.655	4.33E-01	4.10E+00	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.28	4.33E-01	4.70E+00	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.59	7.33E-01	7.70E+00	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.85	4.00E-01	4.40E+00	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.83	4.33E-01	3.00E+00	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.27	2.87E-01	2.80E+00	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.363	2.03E-01	2.50E+00	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.957	1.87E-01	1.50E+00	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.55	3.27E-01	3.00E+00	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.32	2.67E-01	2.20E+00	—	pCi/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.89	2.30E-01	2.10E+00	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	14.3	2.20E+00	1.30E+01	—	pCi/L	UI	R	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	3.93	1.60E+00	1.60E+01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00713	1.37E-03	3.70E-02	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00414	1.37E-03	2.30E-02	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00291	2.17E-03	2.60E-02	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0166	2.13E-03	6.00E-02	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00414	1.70E-03	3.70E-02	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0029	1.67E-03	4.20E-02	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.32	9.00E+00	8.70E+01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.64	6.00E+00	6.50E+01	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.4	5.67E+00	4.90E+01	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	-227	8.00E+01	7.10E+02	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.621	7.00E-01	7.20E+00	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.739	3.67E-01	3.50E+00	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.595	4.67E-01	4.40E+00	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.325	4.00E-02	4.10E-01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0885	4.67E-02	4.90E-01	—	pCi/L	U	U	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.288	5.00E-02	4.60E-01	—	pCi/L	U	U	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-3.85	7.67E-01	6.70E+00	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-9.3	2.40E+01	2.40E+02	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.365	1.43E-02	7.90E-02	—	pCi/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.437	1.40E-02	3.80E-02	—	pCi/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.341	1.17E-02	5.30E-02	—	pCi/L	—	—	10-4168	CAPA-10-24872	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	5.38	3.67E+00	3.50E+01	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0227	3.13E-03	6.10E-02	—	pCi/L	U	U	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0303	2.90E-03	2.80E-02	—	pCi/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0293	2.80E-03	2.50E-02	—	pCi/L	—	—	10-4168	CAPA-10-24872	GELC
R-56	9371	P2A	1046.6	05/10/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.168	8.67E-03	4.10E-02	—	pCi/L	—	—	11-2392	CAPA-11-9514	GELC
R-56	9371	P2A	1046.6	02/07/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.215	8.33E-03	2.70E-02	—	pCi/L	—	—	11-1290	CAPA-11-4731	GELC
R-56	9371	P2A	1046.6	08/13/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.199	8.00E-03	3.20E-02	—	pCi/L	—	—	10-4168	CAPA-10-24872	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.7	—	—	0.73	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63	—	—	0.73	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.05	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.25	—	—	0.066	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.35	—	—	0.066	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.311	—	—	0.033	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.302	—	—	0.033	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.3	—	—	0.45	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46	—	—	0.35	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	0.45	mg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.5	—	—	0.35	mg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	0.11	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	0.085	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	0.11	mg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.45	—	—	0.085	mg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.447	—	—	0.1	mg/L	J	J	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.745	—	—	0.05	mg/L	—	J	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	0.05	µg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.331	—	—	0.05	µg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.53	—	—	0.05	mg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	0.1	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.1	mg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.1	mg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1	µS/cm	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.69	—	—	0.1	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.56	—	—	0.1	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.4	mg/L	—	J	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.537	—	—	0.33	mg/L	J	J	11-2367	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.353	—	—	0.33	mg/L	J	J	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	0.01	SU	H	J-	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	0.01	SU	H	J-	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.5	—	—	1	µg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1	µg/L	—	—	10-3489	CAPA-10-22405	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1	µg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1	µg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.4	—	—	15	µg/L	J	J	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20	—	—	15	µg/L	J	J	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	15	µg/L	J	J	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.8	—	—	15	µg/L	J	J	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.8	—	—	30	µg/L	J	J	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	54.8	—	—	30	µg/L	J	J	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	89.3	—	—	30	µg/L	J	J	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	16.5	—	—	2	µg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	9.42	—	—	2	µg/L	J	J	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19	—	—	2	µg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.68	—	—	2	µg/L	J	J	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	0.17	µg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.89	—	—	0.1	µg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	0.17	µg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.81	—	—	0.1	µg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.763	—	—	0.5	µg/L	J	J	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.887	—	—	0.5	µg/L	J	J	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	µg/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.1	—	—	0.053	mg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70	—	—	0.053	mg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.2	—	—	1	µg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	61.7	—	—	1	µg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.9	—	—	1	µg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.4	—	—	1	µg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.311	—	—	0.067	µg/L	—	—	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	0.05	µg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.323	—	—	0.067	µg/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.454	—	—	0.05	µg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.91	—	—	1	µg/L	J	J	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.04	—	—	1	µg/L	—	—	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.53	—	—	1	µg/L	J	J	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.03	—	—	1	µg/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.31	—	—	3.3	µg/L	J	J	11-2368	CAPA-11-9519	GELC
R-57	9101	P2A	971.5	06/25/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3489	CAPA-10-22405	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.99	—	—	3.3	µg/L	J	J	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	-15.4	2.20E+00	1.70E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0132	1.90E-03	3.80E-02	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-19	3.67E+00	3.30E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00392	1.23E-03	2.50E-02	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	9.71	7.33E+00	7.00E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	2.96	1.20E+00	1.30E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	2.73	5.00E-01	5.60E+00	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.45	6.33E-01	6.20E+00	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.93	6.00E-01	5.60E+00	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.897	5.33E-01	5.60E+00	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.04	4.33E-01	5.50E+00	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.454	2.33E-01	2.80E+00	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.48	3.27E-01	2.40E+00	—	pCi/L	—	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.18	2.73E-01	2.70E+00	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.06	2.13E-01	2.10E+00	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	1.79	1.03E+00	1.10E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	-1.65	1.33E+00	1.20E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0111	1.67E-03	3.50E-02	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00217	2.17E-03	3.30E-02	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00221	7.33E-04	5.60E-02	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00434	2.30E-03	3.00E-02	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.3	7.00E+00	7.80E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.1	7.67E+00	7.50E+01	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	236	5.33E+01	6.10E+02	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.569	5.00E-01	5.20E+00	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.49	6.33E-01	5.50E+00	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.337	4.33E-02	4.10E-01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.127	4.00E-02	4.90E-01	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	2.48	6.33E-01	6.30E+00	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-143	3.27E+01	3.00E+02	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.217	1.03E-02	8.20E-02	—	pCi/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.295	1.03E-02	3.60E-02	—	pCi/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	-8.69	4.00E+00	3.10E+01	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00392	2.93E-03	6.30E-02	—	pCi/L	U	U	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0081	2.33E-03	2.40E-02	—	pCi/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.12	7.00E-03	4.30E-02	—	pCi/L	—	—	11-2368	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.128	6.00E-03	2.70E-02	—	pCi/L	—	—	10-3489	CAPA-10-22406	GELC
R-57	9101	P2A	971.5	05/09/11	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	—	8.14	—	—	2.2	µg/L	J	J	11-2367	CAPA-11-9518	GELC
R-57	9101	P2A	971.5	06/25/10	WG	UF	CS	—	Svoa	SW-846:8270C	Diethylphthalate	<	20	—	—	4	µg/L	U	U	10-3489	CAPA-10-22406	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.2	—	—	0.73	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.4	—	—	0.73	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0852	—	—	0.066	mg/L	J	J	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	UJ	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.33	—	—	0.066	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.5	—	—	0.066	mg/L	—	J+	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.335	—	—	0.033	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.303	—	—	0.033	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.9	—	—	0.45	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	0.35	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.9	—	—	0.45	mg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.7	—	—	0.35	mg/L	—	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.62	—	—	0.11	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.36	—	—	0.085	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.11	mg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	10-3534	CAPA-10-22387	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.499	—	—	0.1	mg/L	J	J	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.605	—	—	0.05	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.273	—	—	0.05	µg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.341	—	—	0.05	µg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	0.05	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	0.05	mg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.41	—	—	0.05	mg/L	—	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	E	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	E	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1	µS/cm	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	µS/cm	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.76	—	—	0.1	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.21	—	—	0.1	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.4	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.4	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.693	—	—	0.33	mg/L	J	J	11-2367	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.472	—	—	0.33	mg/L	J	J	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.63	—	—	0.01	SU	H	J-	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	0.01	SU	H	J-	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1	µg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.8	—	—	1	µg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.5	—	—	1	µg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.7	—	—	1	µg/L	—	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.55	—	—	2.5	µg/L	J	J	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.23	—	—	2	µg/L	J	J	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.85	—	—	2.5	µg/L	J	J	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	78.6	—	—	2	µg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	13.7	—	—	2	µg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	79.2	—	—	2	µg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.4	—	—	2	µg/L	—	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.33	—	—	0.17	µg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.83	—	—	0.1	µg/L	—	J	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.28	—	—	0.17	µg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.89	—	—	0.1	µg/L	—	J	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.62	—	—	0.5	µg/L	J	J	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.678	—	—	0.5	µg/L	J	J	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.54	—	—	0.5	µg/L	J	J	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.608	—	—	0.5	µg/L	J	J	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68	—	—	0.053	mg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.9	—	—	0.053	mg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	61.4	—	—	1	µg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.4	—	—	1	µg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.8	—	—	1	µg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.4	—	—	1	µg/L	—	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.372	—	—	0.067	µg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.35	—	—	0.05	µg/L	—	U	10-3534	CAPA-10-22388	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.366	—	—	0.067	µg/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.469	—	—	0.05	µg/L	—	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.27	—	—	1	µg/L	J	J	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1	µg/L	—	—	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.93	—	—	1	µg/L	J	J	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.54	—	—	1	µg/L	J	J	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	29.2	—	—	3.3	µg/L	—	—	11-2368	CAPA-11-9517	GELC
R-57	9111	P1A	910	07/01/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	10-3534	CAPA-10-22388	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.24	—	—	3.3	µg/L	J	J	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.34	—	—	3.3	µg/L	J	J	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Actinium-228	<	1.22	2.10E+00	2.10E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00941	3.27E-03	3.80E-02	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-22.7	3.30E+00	3.00E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00657	1.53E-03	6.20E-02	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-212	<	-28.1	7.33E+00	6.40E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Bismuth-214	<	-2.15	1.27E+00	1.20E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-134	<	1.82	4.33E-01	4.90E+00	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.58	5.67E-01	4.90E+00	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.66	4.00E-01	4.30E+00	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.234	5.33E-01	5.20E+00	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.518	4.00E-01	4.10E+00	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.274	2.30E-01	2.80E+00	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.247	1.63E-01	2.20E+00	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.84	3.30E-01	2.90E+00	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.06	3.00E-01	2.80E+00	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-212	<	6.35	1.33E+00	1.00E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Lead-214	<	-1.74	1.33E+00	1.20E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.07E-03	3.60E-02	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00781	3.33E-03	3.50E-02	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00454	2.63E-03	5.80E-02	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0026	2.30E-03	3.50E-02	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.5	6.33E+00	6.60E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.7	5.67E+00	6.20E+01	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Protactinium-234m	<	294	7.33E+01	7.80E+02	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.39	4.67E-01	5.70E+00	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.321	3.67E-01	3.80E+00	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.106	5.00E-02	5.20E-01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.248	4.67E-02	4.60E-01	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thallium-208	<	-3.06	5.67E-01	4.90E+00	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Thorium-234	<	-94.4	3.67E+01	3.10E+02	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	1.00E-02	7.50E-02	—	pCi/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.321	1.17E-02	5.80E-02	—	pCi/L	—	—	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	EPA:901.1	Uranium-235	<	3.04	3.67E+00	3.30E+01	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00715	1.70E-03	5.80E-02	—	pCi/L	U	U	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00836	1.63E-03	3.50E-02	—	pCi/L	U	U	10-3534	CAPA-10-22387	GELC
R-57	9111	P1A	910	05/09/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.145	8.00E-03	3.90E-02	—	pCi/L	—	—	11-2368	CAPA-11-9515	GELC
R-57	9111	P1A	910	07/01/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.126	6.33E-03	4.00E-02	—	pCi/L	—	—	10-3534	CAPA-10-22387	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.6	—	—	0.73	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.9	—	—	0.73	mg/L	—	—	11-1194	CAPA-11-3054	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.9	—	—	0.73	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.0678	—	—	0.066	mg/L	J	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.102	—	—	0.066	mg/L	J	J	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.05	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.05	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	E	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.05	mg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	0.05	mg/L	E	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.99	—	—	0.066	mg/L	—	J+	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	0.066	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	0.066	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.248	—	—	0.033	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	0.033	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.163	—	—	0.033	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	0.45	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	0.45	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	0.35	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.7	—	—	0.45	mg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.3	—	—	0.45	mg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.6	—	—	0.35	mg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.82	—	—	0.11	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.11	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.72	—	—	0.085	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.74	—	—	0.11	mg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.71	—	—	0.11	mg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.74	—	—	0.085	mg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.276	—	—	0.1	mg/L	J	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.271	—	—	0.05	mg/L	—	J-	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.323	—	—	0.05	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.277	—	—	0.05	µg/L	—	J+	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.28	—	—	0.05	µg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.309	—	—	0.05	µg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	0.05	mg/L	—	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.94	—	—	0.05	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	0.05	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.06	—	—	0.05	mg/L	—	J	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	0.05	mg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.85	—	—	0.05	mg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.1	mg/L	E	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.1	mg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	E	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	µS/cm	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	135	—	—	1	µS/cm	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1	µS/cm	—	—	11-968	CAPA-11-2811	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.09	—	—	0.1	mg/L	—	J+	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.53	—	—	0.1	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.46	—	—	0.1	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	142	—	—	2.4	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.19	—	—	0.33	mg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.47	—	—	0.33	mg/L	J	J	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.52	—	—	0.33	mg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	0.01	SU	H	J-	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	0.01	SU	H	J-	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	µg/L	U	U	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	75.8	—	—	68	µg/L	J	J	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	99.8	—	—	68	µg/L	J	J	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	175	—	—	68	µg/L	J	J	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	312	—	—	68	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	32.7	—	—	1	µg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	1	µg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.3	—	—	1	µg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.4	—	—	1	µg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.1	—	—	1	µg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	15	µg/L	J	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	15	µg/L	J	J	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	15	µg/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.32	—	—	2	µg/L	J	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.09	—	—	2	µg/L	J	J	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	2.5	µg/L	J	J	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.08	—	—	2	µg/L	J	J	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.52	—	—	2	µg/L	J	J	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.91	—	—	2.5	µg/L	J	J	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	91.5	—	—	30	µg/L	J	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	46.1	—	—	30	µg/L	J	J	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	75	—	—	30	µg/L	J	J	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	111	—	—	30	µg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	201	—	—	30	µg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	472	—	—	30	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.71	—	—	2	µg/L	J	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	21.4	—	—	2	µg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	27.9	—	—	2	µg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.27	—	—	2	µg/L	J	J	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.2	—	—	2	µg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	29.6	—	—	2	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.82	—	—	0.17	µg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.21	—	—	0.17	µg/L	—	—	11-1194	CAPA-11-3054	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.69	—	—	0.1	µg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.76	—	—	0.17	µg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.79	—	—	0.17	µg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.77	—	—	0.1	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.27	—	—	0.5	µg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	3.16	—	—	0.5	µg/L	—	U	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.56	—	—	0.5	µg/L	J	J	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.7	—	—	0.5	µg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	4.1	—	—	0.5	µg/L	—	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.59	—	—	0.5	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	0.053	mg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.9	—	—	0.053	mg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69	—	—	0.053	mg/L	E	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.3	—	—	1	µg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.9	—	—	1	µg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52	—	—	1	µg/L	E	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.9	—	—	1	µg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.6	—	—	1	µg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.7	—	—	1	µg/L	E	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.724	—	—	0.067	µg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.618	—	—	0.067	µg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.728	—	—	0.05	µg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.739	—	—	0.067	µg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.719	—	—	0.067	µg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.895	—	—	0.05	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.33	—	—	1	µg/L	—	—	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.14	—	—	1	µg/L	—	—	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.67	—	—	1	µg/L	—	—	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.35	—	—	1	µg/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.32	—	—	1	µg/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.94	—	—	1	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.92	—	—	3.3	µg/L	J	J	11-2219	CAPA-11-9589	GELC
R-60	9441	Single	1330	01/24/11	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1194	CAPA-11-3054	GELC
R-60	9441	Single	1330	12/16/10	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.56	—	—	3.3	µg/L	J	J	11-968	CAPA-11-2811	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	3.3	µg/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.4	—	—	3.3	µg/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00725	1.20E-03	3.70E-02	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00204	1.00E-03	2.40E-02	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00227	1.23E-03	3.80E-02	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.52	4.00E-01	4.40E+00	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.54	5.33E-01	5.00E+00	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.06	6.33E-01	6.60E+00	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.465	3.33E-01	3.70E+00	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.232	3.67E-01	3.60E+00	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.29	5.67E-01	5.20E+00	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	0.796	2.63E-01	2.90E+00	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	1.97	3.30E-01	2.70E+00	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:900	Gross alpha	<	2.34	3.33E-01	2.90E+00	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.52	3.20E-01	2.80E+00	—	pCi/L	—	—	11-2219	CAPA-11-9591	GELC

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

Location	Port ID	Port Name	Port Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Unit	Lab Qual	2nd Qual	Request	Sample	Lab
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.91	3.67E-01	2.30E+00	—	pCi/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.81	2.93E-01	2.30E+00	—	pCi/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.35	8.33E-01	8.20E+00	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.72	1.10E+00	1.10E+01	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.77	9.33E-01	9.20E+00	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00822	1.33E-03	2.60E-02	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00243	1.40E-03	2.70E-02	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	8.67E-04	2.90E-02	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00164	1.23E-03	4.20E-02	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.57E-03	4.40E-02	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00255	2.23E-03	5.30E-02	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.9	6.00E+00	3.80E+01	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-31.6	7.00E+00	7.10E+01	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.4	6.67E+00	6.90E+01	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.35	3.33E-01	4.20E+00	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.61	6.00E-01	6.20E+00	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0816	6.33E-01	6.00E+00	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.249	5.00E-02	5.00E-01	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.369	5.33E-02	4.80E-01	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0252	5.00E-02	5.20E-01	—	pCi/L	U	U	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.441	1.77E-02	1.00E-01	—	pCi/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.468	1.70E-02	5.50E-02	—	pCi/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.555	1.77E-02	5.00E-02	—	pCi/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0337	4.33E-03	7.80E-02	—	pCi/L	U	U	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00338	2.53E-03	4.00E-02	—	pCi/L	U	U	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0356	3.67E-03	3.30E-02	—	pCi/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.218	1.10E-02	5.30E-02	—	pCi/L	—	—	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.211	9.67E-03	3.90E-02	—	pCi/L	—	—	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.3	1.13E-02	3.30E-02	—	pCi/L	—	—	11-968	CAPA-11-2810	GELC
R-60	9441	Single	1330	04/27/11	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	14.1	—	—	3.5	µg/L	—	J	11-2219	CAPA-11-9591	GELC
R-60	9441	Single	1330	01/24/11	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.5	µg/L	U	UJ	11-1194	CAPA-11-3055	GELC
R-60	9441	Single	1330	12/16/10	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	68.5	—	—	3.5	µg/L	—	J	11-968	CAPA-11-2810	GELC

Appendix D

Analytical Chemistry Screening Results

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

The following pages also include secondary validation reason codes. Because there are over 400 secondary validation reason codes, this list is not comprehensive and includes only those codes used in this particular periodic monitoring report.

The secondary data validation summary is provided in Appendix F.

Acronyms and Abbreviations

Acronym, Abbreviation, or Symbol	Description
Miscellaneous	
%	percent
%R	percent recovery
<	Based on qualifiers, the result was a nondetection.
—	none
BHC	benzene hexachloride
CB	chlorobiphenyl
CCV	continuing calibration verification
CLP	Control Laboratory Program
CRDL	contract-required detection limit
DCG	Derived Concentration Guide (DOE)
DNX	dinitroso-RDX (or hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
GC	gas chromatography
GFAA	graphite furnace atomic absorption
GFPC	gas-flow proportional counter
GW	groundwater
HH OO	Human Health—Organism Only (NMWQCC standard)
HMX	1,3,5,7-tetranitro-1,3,5,7-tetrazocine
HPLC	high-pressure liquid chromatography
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification
IDL	instrument detection limit
LAL	lower acceptance limit
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Miscellaneous (continued)	
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PCB	polychlorinated biphenyl
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
Scr	screening
SSC	suspended sediment concentration
SU	standard unit
TDS	total dissolved solids
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
FTR	field triplicate
INB	Equipment blank taken during installation and not associated with a sampling event.
ITB	Trip blank taken during installation and not associated with a sampling event.
NA	not applicable
PEB	performance evaluation blank
PEK	performance evaluation known
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
ANION	anions
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
GAMMA, GAMMA_SPEC	gamma spectroscopy
Geninorg, GENINORG	general inorganics
GRO	gasoline range organics
GROSSA	gross alpha
GROSSB	gross beta
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
METALS, Metals	metals
PCB	polychlorinated biphenyls
PCB_CONG, PCB Cong	PCB congeners
PEST	pesticides
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry (not gamma)
SVOA	semivolatile organics
SVOC	semivolatile organic compounds
VOA	volatile organics
VOC	volatile organic compounds
Lab Sample Type Codes	
CS	client sample
DL	dilution

Acronyms and Abbreviations (continued)

Acronym , Abbreviation, or Symbol	Description
Lab Sample Type Codes (continued)	
DUP	duplicate
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services–Primary
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

Secondary Validation Reason Codes

Code	Description
J_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
P9	The extraction/analytical holding time is exceeded by <2 times the published method for holding times.
PE12f	The matrix spike/matrix spike duplicate percent recovery was >125%. Qualify all associated detects as J+.
R4d	The sample result is ≤5 times the concentration of the related analyte in the trip blank, rinsate blank, or equipment blank.
R5	The results for the affected analytes are considered not detected (U) because the associated sample concentration was less than or equal to the minimum detectable concentration.
R12a	The laboratory control sample percent recovery was less than the lower acceptance limit but >10%. Follow the external laboratory limits located within the associated data package.
SV7d	The initial calibration verification and/or continuing calibration verification were not analyzed at the appropriate method frequency.
U_LAB	Qualification of data via data validation did not occur based on QC requirements in this procedure. Adhere to the external laboratory qualifiers found within the Form I analytical data summary sheets generated by the external laboratory.
V7c	The ICV and/or CCV were recovered outside the method-specific limits.
V88	Duplicate, dilution, or reanalysis.

Table D-1
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	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional	R-60	SINGLE	1330	01/24/11	H-3	UF	CS	—*	—	2.59	0.61	1.46878	pCi/L	Generic:Low_Level_Tritium	ARSL	—	J-	R12a
Regional	R-52	MULTI	1035.2	01/13/11	H-3	UF	CS	—	—	5.97	1.15	2.13931	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-52	MULTI	1107	01/13/11	H-3	UF	CS	—	<	1.21	0.64	1.94773	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Intermediate	R-37	MULTI	929.3	01/21/11	H-3	UF	CS	FD	—	27.20	4.15	1.37299	pCi/L	Generic:Low_Level_Tritium	ARSL	—	J-	R12a
Intermediate	R-37	MULTI	929.3	01/21/11	H-3	UF	CS	—	—	44.22	6.74	2.5544	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-37	MULTI	1026	01/25/11	H-3	UF	CS	—	<	1.92	0.70	2.07545	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-38	SINGLE	821.2	01/27/11	H-3	UF	CS	FD	<	-2.27	0.61	1.78808	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Regional	R-38	SINGLE	821.2	01/27/11	H-3	UF	CS	—	<	-1.98	0.51	1.56457	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Regional	R-53	MULTI	849.2	01/14/11	H-3	UF	CS	—	—	9.55	1.63	2.17124	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-53	MULTI	959.7	01/13/11	H-3	UF	CS	PEB	—	10.06	1.72	2.29896	pCi/L	Generic:Low_Level_Tritium	ARSL	—	—	—
Regional	R-53	MULTI	959.7	01/13/11	H-3	UF	CS	FD	<	2.36	0.70	1.88387	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4d
Regional	R-53	MULTI	959.7	01/13/11	H-3	UF	CS	—	<	2.75	0.80	2.20317	pCi/L	Generic:Low_Level_Tritium	ARSL	—	U	R4d
Regional	R-56	MULTI	945	02/03/11	H-3	UF	CS	—	—	2.81	0.67	1.56457	pCi/L	Generic:Low_Level_Tritium	ARSL	—	J-	R12a
Regional	R-56	MULTI	1046.6	02/07/11	H-3	UF	CS	—	<	-2.36	0.61	1.85194	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Regional	R-21	SINGLE	888.8	01/27/11	H-3	UF	CS	—	<	-2.04	0.54	1.62843	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Regional	R-41	MULTI	965.3	01/12/11	H-3	UF	CS	—	<	2.01	0.70	2.07545	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-55	MULTI	860	02/07/11	H-3	UF	CS	—	<	-2.20	0.57	1.75615	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Regional	R-55	MULTI	994.4	02/01/11	H-3	UF	CS	—	<	-2.01	0.54	1.5965	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Intermediate	R-40	MULTI	751.6	01/21/11	H-3	UF	CS	—	<	1.79	0.64	1.85194	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-51	MULTI	914.96	01/11/11	H-3	UF	CS	—	<	2.20	0.77	2.2351	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-51	MULTI	1030.96	01/11/11	H-3	UF	CS	—	<	2.33	0.83	2.39475	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-40	MULTI	849.3	01/19/11	H-3	UF	CS	—	<	1.79	0.67	1.94773	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-20	MULTI	904.6	01/27/11	H-3	UF	CS	—	<	-2.11	0.54	1.66036	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Regional	R-20	MULTI	1147.1	01/21/11	H-3	UF	CS	—	<	1.76	0.64	1.82001	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-54	MULTI	830	01/14/11	H-3	UF	CS	—	<	2.2351	0.79825	2.29896	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-54	MULTI	915	01/12/11	H-3	UF	CS	—	<	2.58633	0.92597	2.65019	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5

Table D-1 (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	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Regional	R-32	SINGLE	867.5	01/25/11	H-3	UF	CS	—	<	1.88387	0.70246	2.04352	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-49	MULTI	845	01/19/11	H-3	UF	CS	—	<	2.52247	0.92597	2.71405	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5
Regional	R-39	SINGLE	859	01/26/11	H-3	UF	CS	—	<	-2.24	0.57	1.75615	pCi/L	Generic:Low_Level_Tritium	ARSL	U	UJ	R12a
Regional	R-23	SINGLE	816	01/24/11	H-3	UF	CS	—	<	1.69	0.83	2.65019	pCi/L	Generic:Low_Level_Tritium	ARSL	U	U	R5

* — = None.

Table D-2
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)	DOE Drinking Water DCG Screening Level	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)
Intermediate	03-B-13	SINGLE	21.5	04/22/11	H-3	UF	CS	—*	—	1030	130	160	pCi/L	GELC	EPA:906.0	—	—	—	2,000,000	—	80,000	0.01	20,000	0.05
Regional	R-49	MULTI	845	05/02/11	Pb-212	UF	CS	—	—	14.5	4.4	8.1	pCi/L	GELC	EPA:901.1	—	—	—	—	—	—	—	—	—

* — = None.

Table D-3
Pajarito 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
Alluvial	CDBO-6	SINGLE	34	04/19/11	—*	F	CS	ClO4	SW-846:6850	—	0.292	0.05	µg/L	1	—	—	—	GELC
Regional	R-60	SINGLE	1330	04/27/11	—	F	CS	ClO4	SW-846:6850	—	0.277	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-52	MULTI	1035	05/04/11	—	F	CS	ClO4	SW-846:6850	—	0.377	0.05	µg/L	1	—	—	—	GELC
Regional	R-52	MULTI	1107	05/04/11	—	F	CS	ClO4	SW-846:6850	—	0.31	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-37	MULTI	929	05/03/11	—	F	CS	ClO4	SW-846:6850	—	0.453	0.05	µg/L	1	—	—	—	GELC
Regional	R-37	MULTI	1026	04/26/11	—	F	CS	ClO4	SW-846:6850	—	0.318	0.05	µg/L	1	—	—	—	GELC
Regional	R-38	SINGLE	821	05/06/11	—	F	CS	ClO4	SW-846:6850	—	0.366	0.05	µg/L	1	—	—	—	GELC
Regional	R-38	SINGLE	821	05/06/11	FD	F	CS	ClO4	SW-846:6850	—	0.371	0.05	µg/L	1	—	—	—	GELC
Regional	R-53	MULTI	849	05/06/11	—	F	CS	ClO4	SW-846:6850	—	0.287	0.05	µg/L	1	—	—	—	GELC
Regional	R-53	MULTI	960	05/06/11	—	F	CS	ClO4	SW-846:6850	—	0.28	0.05	µg/L	1	—	—	—	GELC
Regional	R-53	MULTI	960	05/06/11	FD	F	CS	ClO4	SW-846:6850	—	0.28	0.05	µg/L	1	—	—	—	GELC
Regional	R-53	MULTI	960	05/06/11	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-56	MULTI	945	05/10/11	—	F	CS	ClO4	SW-846:6850	—	0.284	0.05	µg/L	1	—	—	—	GELC
Regional	R-56	MULTI	1047	05/10/11	—	F	CS	ClO4	SW-846:6850	—	0.275	0.05	µg/L	1	—	—	—	GELC
Regional	R-21	SINGLE	889	04/19/11	—	F	CS	ClO4	SW-846:6850	—	0.281	0.05	µg/L	1	—	—	—	GELC
Regional	R-41	MULTI	965	04/21/11	—	F	CS	ClO4	SW-846:6850	—	0.375	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-55i	SINGLE	510	05/10/11	—	F	CS	ClO4	SW-846:6850	—	0.88	0.1	µg/L	2	—	—	—	GELC
Regional	R-55	MULTI	860	04/28/11	—	F	CS	ClO4	SW-846:6850	—	0.462	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-55	MULTI	994	04/28/11	—	F	CS	ClO4	SW-846:6850	—	0.418	0.05	µg/L	1	—	J+	PE12f	GELC
Alluvial	3MAO-2	SINGLE	15	04/27/11	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	3MAO-2	SINGLE	15	04/27/11	FD	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	PCAO-7c	SINGLE	10	04/21/11	—	F	CS	ClO4	SW-846:6850	—	0.279	0.05	µg/L	1	—	—	—	GELC
Intermediate	03-B-13	SINGLE	22	04/22/11	—	F	CS	ClO4	SW-846:6850	—	0.415	0.05	µg/L	1	—	—	—	GELC
Intermediate	PCI-2	SINGLE	512	05/06/11	—	F	CS	ClO4	SW-846:6850	—	0.183	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-19	MULTI	909	05/12/11	—	F	CS	ClO4	SW-846:6850	—	0.339	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	400	04/28/11	—	F	CS	ClO4	SW-846:6850	—	0.321	0.05	µg/L	1	—	—	—	GELC

Table D-3 (continued)

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
Intermediate	R-23i	MULTI	470	05/03/11	—	F	CS	ClO4	SW-846:6850	—	0.241	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	524	04/18/11	—	F	CS	ClO4	SW-846:6850	—	0.258	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Kieling Spring	SPRING	—	05/05/11	—	F	CS	ClO4	SW-846:6850	—	0.984	0.1	µg/L	2	—	—	—	GELC
Intermediate Spring	Bulldog Spring	SPRING	—	05/05/11	—	F	CS	ClO4	SW-846:6850	—	0.778	0.05	µg/L	1	—	—	—	GELC
Regional	R-18	SINGLE	1358	04/22/11	—	F	CS	ClO4	SW-846:6850	—	0.233	0.05	µg/L	1	—	—	—	GELC
Regional	R-18	SINGLE	1358	04/22/11	FD	F	CS	ClO4	SW-846:6850	—	0.227	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1057	04/27/11	—	F	CS	ClO4	SW-846:6850	—	0.259	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1124	04/27/11	—	F	CS	ClO4	SW-846:6850	—	0.26	0.05	µg/L	1	—	—	—	GELC
Regional	R-51	MULTI	915	05/09/11	—	F	CS	ClO4	SW-846:6850	—	0.264	0.05	µg/L	1	—	—	—	GELC
Regional	R-51	MULTI	1031	05/09/11	—	F	CS	ClO4	SW-846:6850	—	0.261	0.05	µg/L	1	—	—	—	GELC
Regional	R-19	MULTI	1191	05/10/11	—	F	CS	ClO4	SW-846:6850	—	0.228	0.05	µg/L	1	—	—	—	GELC
Regional	R-19	MULTI	1413	05/10/11	—	F	CS	ClO4	SW-846:6850	—	0.258	0.05	µg/L	1	—	—	—	GELC
Regional	R-40	MULTI	849	04/26/11	FD	F	CS	ClO4	SW-846:6850	—	0.261	0.05	µg/L	1	—	—	—	GELC
Regional	R-40	MULTI	849	04/26/11	—	F	CS	ClO4	SW-846:6850	—	0.257	0.05	µg/L	1	—	—	—	GELC
Regional	R-20	MULTI	905	04/20/11	—	F	CS	ClO4	SW-846:6850	—	0.071	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-20	MULTI	1147	04/25/11	—	F	CS	ClO4	SW-846:6850	—	0.189	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-54	MULTI	830	05/04/11	—	F	CS	ClO4	SW-846:6850	—	0.248	0.05	µg/L	1	—	—	—	GELC
Regional	R-54	MULTI	915	05/05/11	—	F	CS	ClO4	SW-846:6850	—	0.261	0.05	µg/L	1	—	—	—	GELC
Regional	R-32	SINGLE	868	05/02/11	—	F	CS	ClO4	SW-846:6850	—	0.355	0.05	µg/L	1	—	—	—	GELC
Regional	R-49	MULTI	845	05/02/11	—	F	CS	ClO4	SW-846:6850	—	0.29	0.05	µg/L	1	—	—	—	GELC
Regional	R-49	MULTI	906	04/29/11	—	F	CS	ClO4	SW-846:6850	—	0.346	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-57	MULTI	910	05/09/11	—	F	CS	ClO4	SW-846:6850	—	0.273	0.05	µg/L	1	—	—	—	GELC
Regional	R-57	MULTI	972	05/09/11	—	F	CS	ClO4	SW-846:6850	—	0.276	0.05	µg/L	1	—	—	—	GELC
Regional	R-39	SINGLE	859	04/21/11	—	F	CS	ClO4	SW-846:6850	—	0.336	0.05	µg/L	1	—	—	—	GELC
Regional	R-23	SINGLE	816	04/18/11	—	F	CS	ClO4	SW-846:6850	—	0.449	0.05	µg/L	1	—	—	—	GELC

* — = None.

Table D-4
Pajarito Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	MDL	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Groundwater Standard	Ratio (Result/Screening Level)
Regional	R-21	SINGLE	888.8	04/19/11	Tl	UF	CS	—*	—	1.56	0.45	µg/L	GELC	J	J	J_LAB	SW-846:6020	2	0.78	—	—
Intermediate	R-55i	SINGLE	510	05/10/11	Mn	F	CS	—	—	621	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	3.11
Intermediate	03-B-13	SINGLE	21.5	04/22/11	Al	F	CS	—	—	4400	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	5000	0.88
Intermediate	03-B-13	SINGLE	21.5	04/22/11	Fe	F	CS	—	—	2890	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	2.89
Regional	R-54	MULTI	830	05/04/11	Fe	F	CS	—	—	614	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	0.61
Regional	R-54	MULTI	830	05/04/11	Mn	F	CS	—	—	136	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	0.68

* — = None.

Table D-5
Pajarito 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)
Regional	R-60	SINGLE	1330	04/27/11	—*	UF	CS	VOA	Acetone	67-64-1	—	14.1	3.5	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	—	—	22,000	—	—	—
Intermediate	R-37	MULTI	929.3	05/03/11	—	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	3.08	2.1	µg/L	1	J	J	SV7d	SW-846:8270C	GELC	—	—	6.7	0.46	—	—	—	—
Intermediate	R-37	MULTI	929.3	05/03/11	FTB	UF	CS	VOA	Naphthalene	91-20-3	—	0.33	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	1.4	0.24	—	—	30	0.01
Regional	R-53	MULTI	959.7	05/06/11	—	UF	CS	PEST/PCB	BHC[beta-]	319-85-7	—	0.0108	0.007	µg/L	1	J	J-	P9	SW-846:8081A	GELC	—	—	0.37	0.03	—	—	—	—
Regional	R-21	SINGLE	888.8	04/19/11	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	7.38	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Intermediate	R-55i	SINGLE	510	05/10/11	FD	UF	CS	VOA	Acetone	67-64-1	—	56.3	3.5	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	—	—	22,000	—	—	—
Intermediate	R-55i	SINGLE	510	05/10/11	—	UF	CS	VOA	Acetone	67-64-1	—	48.8	3.5	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	—	—	22,000	—	—	—
Intermediate	R-55i	SINGLE	510	05/10/11	FD	UF	CS	VOA	Toluene	108-88-3	—	0.63	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—

Table D-5 (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	R-55i	SINGLE	510	05/10/11	—	UF	CS	VOA	Toluene	108-88-3	—	0.63	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Alluvial	3MAO-2	SINGLE	14.7	04/27/11	FB	UF	CS	VOA	Butanone[2-]	78-93-3	—	2.92	1.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	----	—	—	—	7100	—	----	—
Alluvial	3MAO-2	SINGLE	14.7	04/27/11	FB	UF	CS	VOA	Toluene	108-88-3	—	0.63	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	DL	SVOA	Dioxane[1,4-]	123-91-1	—	417	21	µg/L	10	—	—	—	SW-846:8270C	GELC	—	—	6.7	62.24	—	—	----	—
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	CS	VOA	Chloroform	67-66-3	—	1.17	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	80	0.01	1.9	0.62	—	—	100	0.01
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	CS	VOA	Dichloroethane[1,1-]	75-34-3	—	4.4	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	24	0.18	—	—	25	0.18
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	DL	VOA	Dichloroethane[1,1-]	75-34-3	—	4.2	1.5	µg/L	5	J	J	V88	SW-846:8260B	GELC	—	—	24	0.18	—	—	25	0.17
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	—	4.66	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	7	0.67	—	—	340	0.01	5	0.93
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	DL	VOA	Dichloroethene[1,1-]	75-35-4	—	3.9	1.5	µg/L	5	J	J	V88	SW-846:8260B	GELC	7	0.56	—	—	340	0.01	5	0.78
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	DL	VOA	Naphthalene	91-20-3	—	3.9	1.3	µg/L	5	J	J	V88	SW-846:8260B	GELC	—	—	1.4	2.79	—	—	30	0.13
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	DL	VOA	Trichloroethane[1,1,1-]	71-55-6	—	210	1.6	µg/L	5	—	J	V7c	SW-846:8260B	GELC	200	1.05	—	—	9100	0.02	60	3.5
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	CS	VOA	Trichloroethene	79-01-6	—	2.35	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.47	20	0.12	—	—	100	0.02
Intermediate	03-B-13	SINGLE	21.5	04/22/11	—	UF	DL	VOA	Trichloroethene	79-01-6	—	2.55	1.3	µg/L	5	J	J	V88	SW-846:8260B	GELC	5	0.51	20	0.13	—	—	100	0.03
Intermediate	R-23i	MULTI	400.3	04/28/11	EQB	UF	CS	VOA	Methyl-2-pentanone[4-]	108-10-1	—	1.92	1.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	2000	—	—	—
Intermediate	R-23i	MULTI	400.3	04/28/11	EQB	UF	CS	VOA	Toluene	108-88-3	—	1.56	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	R-23i	MULTI	524	04/18/11	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	11.7	2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	05/05/11	—	UF	CS	HEXP	HMX	2691-41-0	—	0.924	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	05/05/11	—	UF	CS	HEXP	RDX	121-82-4	—	3.9	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.64	—	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	05/05/11	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.173	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	05/05/11	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.123	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	05/05/11	—	UF	CS	HEXP	HMX	2691-41-0	—	3.58	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	05/05/11	—	UF	CS	HEXP	RDX	121-82-4	—	4.88	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.8	—	—	—	—
Regional	R-18	SINGLE	1358	04/22/11	FD	UF	CS	HEXP	RDX	121-82-4	—	1.18	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.19	—	—	—	—
Regional	R-18	SINGLE	1358	04/22/11	—	UF	CS	HEXP	RDX	121-82-4	—	1.18	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.19	—	—	—	—
Regional	R-18	SINGLE	1358	04/22/11	FD	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.128	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Regional	R-18	SINGLE	1358	04/22/11	—	UF	CS	HEXP	Trinitrobenzene[1,3,5-]	99-35-4	—	0.127	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	1100	—	—	—
Regional	R-20	MULTI	904.6	04/20/11	FTB	UF	CS	VOA	Toluene	108-88-3	—	0.39	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—

Table D-5 (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-20	MULTI	1147.1	04/25/11	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.34	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.07	20	0.02	—	—	100	—
Regional	R-20	MULTI	1147.1	04/25/11	—	UF	CS	VOA	Xylene[1,3-]+Xylene[1,4-]	Xylene[1,3 and 1,4]	—	0.52	0.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	—	—	—	—
Regional	R-57	MULTI	971.5	05/09/11	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	8.14	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—
Regional	R-23	SINGLE	816	04/18/11	—	UF	CS	SVOA	Chrysene	218-01-9	—	0.295	0.21	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	29	0.01	—	—	—	—
Regional	R-23	SINGLE	816	04/18/11	—	UF	CS	SVOA	Diethylphthalate	84-66-2	—	5.69	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	—	—	29,000	—	—	—

* — = None.

Table D-6
Pajarito Surface-Water Perchlorate

Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	Pajarito below confluences of South and North Anchor East Basin	05/05/11	—*	F	CS	ClO4	SW-846:6850	—	0.586	0.05	µg/L	1	—	—	—	GELC
WS	Pajarito below confluences of South and North Anchor East Basin	05/05/11	FD	F	CS	ClO4	SW-846:6850	—	0.581	0.05	µg/L	1	—	—	—	GELC

* — = None.

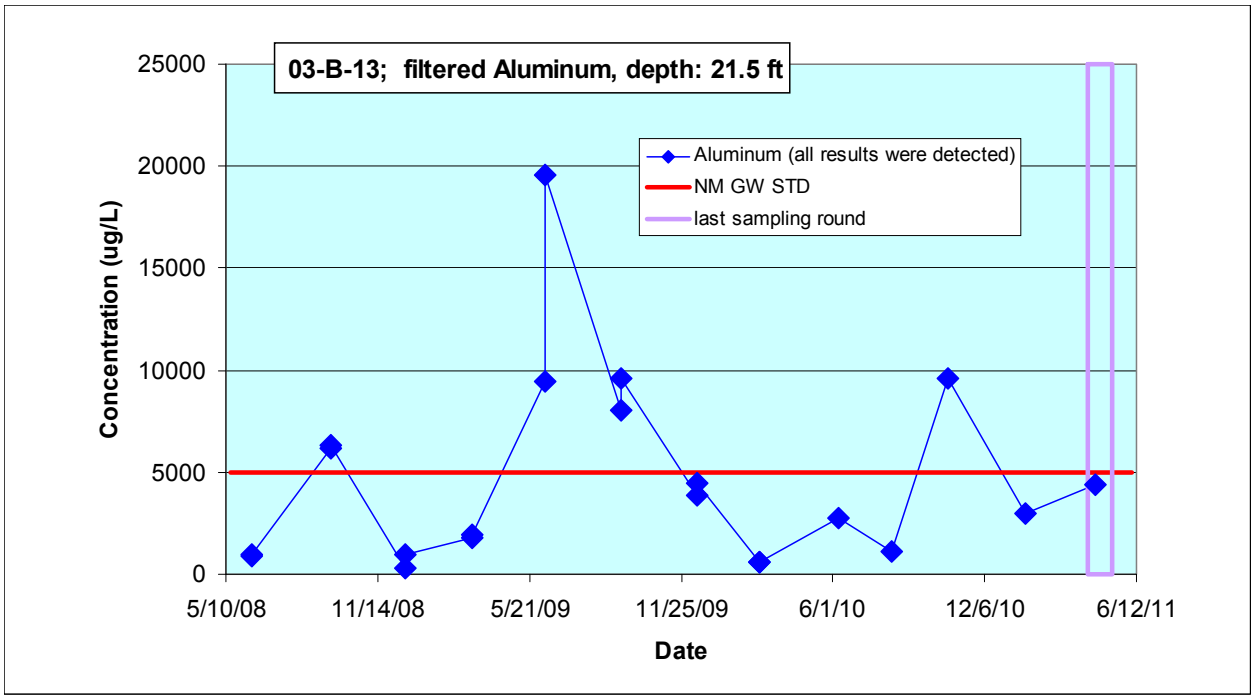
Table D-7
Pajarito Surface Water Organics

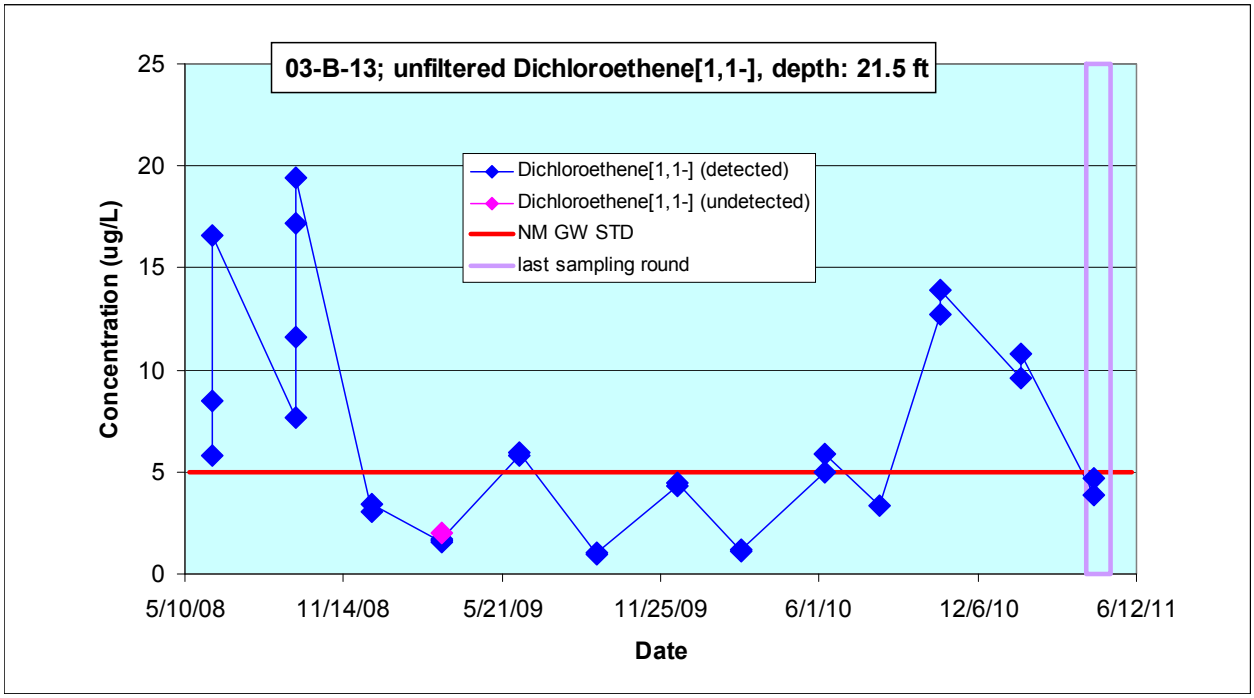
Field Matrix Code	Location	Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte	Analyte	Symbol	Result	MDL	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code
WS	Pajarito below confluences of South and North Anchor East Basin	05/05/11	FD	UF	CS	HEXP	HMX	2691-41-0	—*	3.15	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC
WS	Pajarito below confluences of South and North Anchor East Basin	05/05/11	FD	UF	CS	HEXP	RDX	121-82-4	—	4.22	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC
WS	Pajarito below confluences of South and North Anchor East Basin	05/05/11	—	UF	CS	HEXP	HMX	2691-41-0	—	3.14	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC
WS	Pajarito below confluences of South and North Anchor East Basin	05/05/11	—	UF	CS	HEXP	RDX	121-82-4	—	4.56	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC

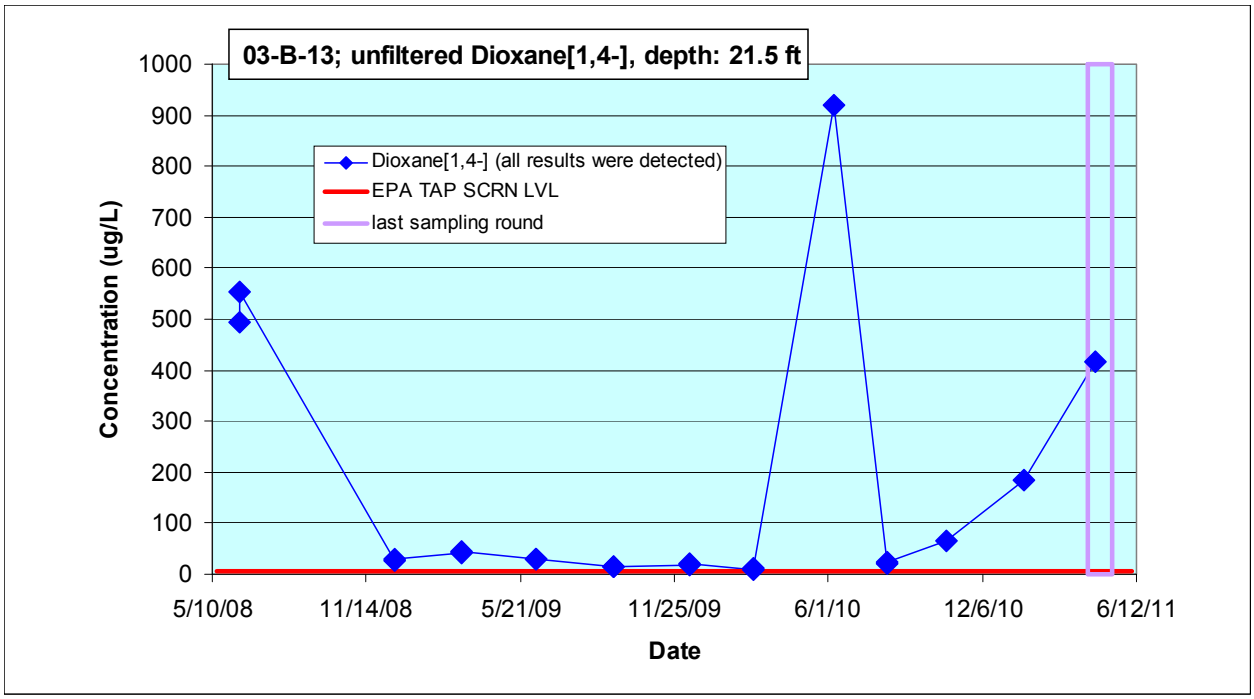
* — = None.

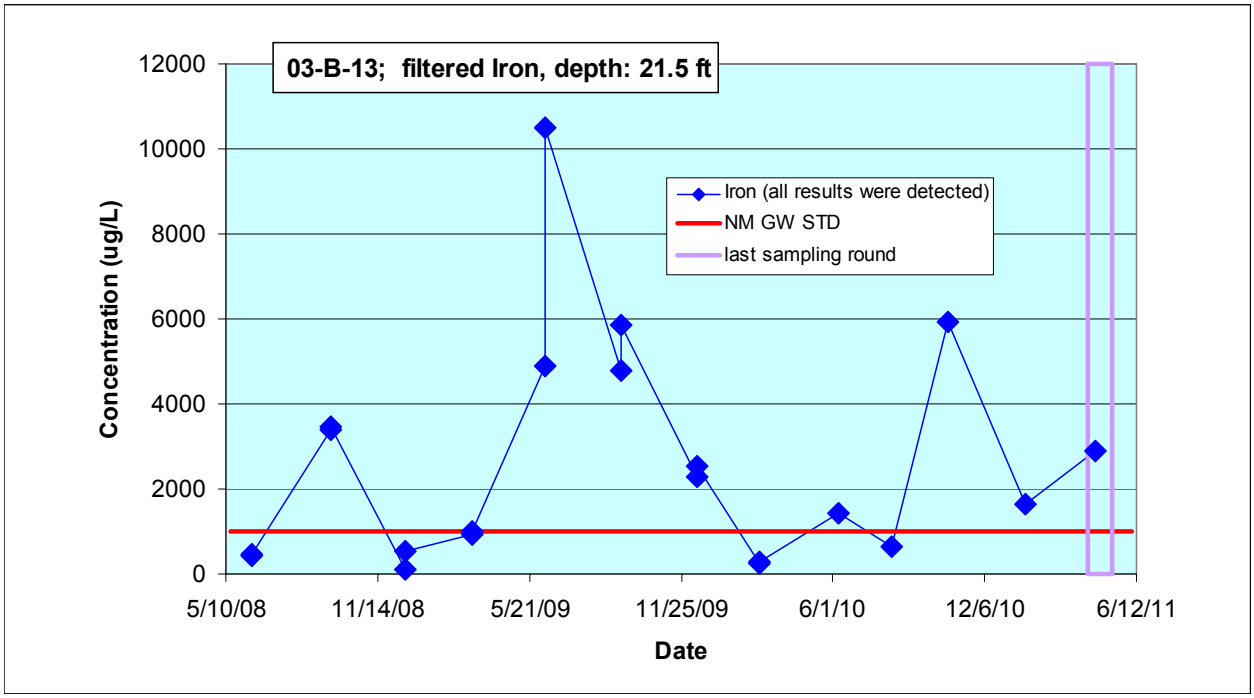
Appendix E

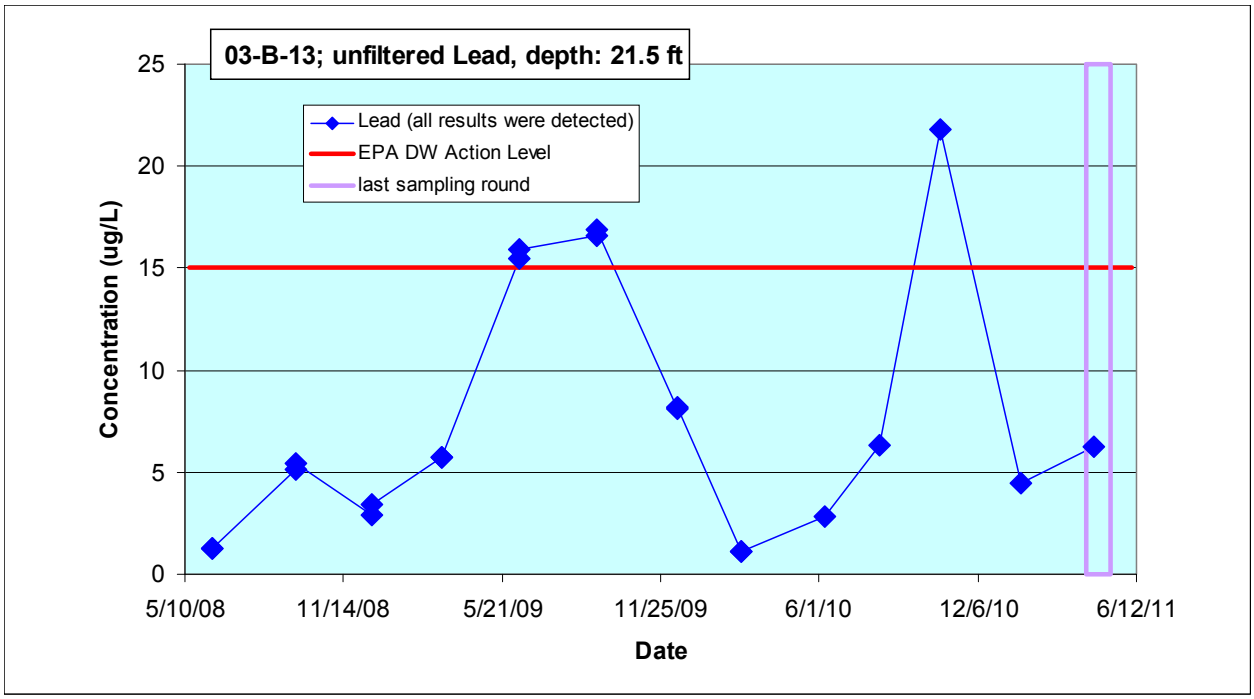
Analytical Chemistry Graphs of Screening-Level Exceedances

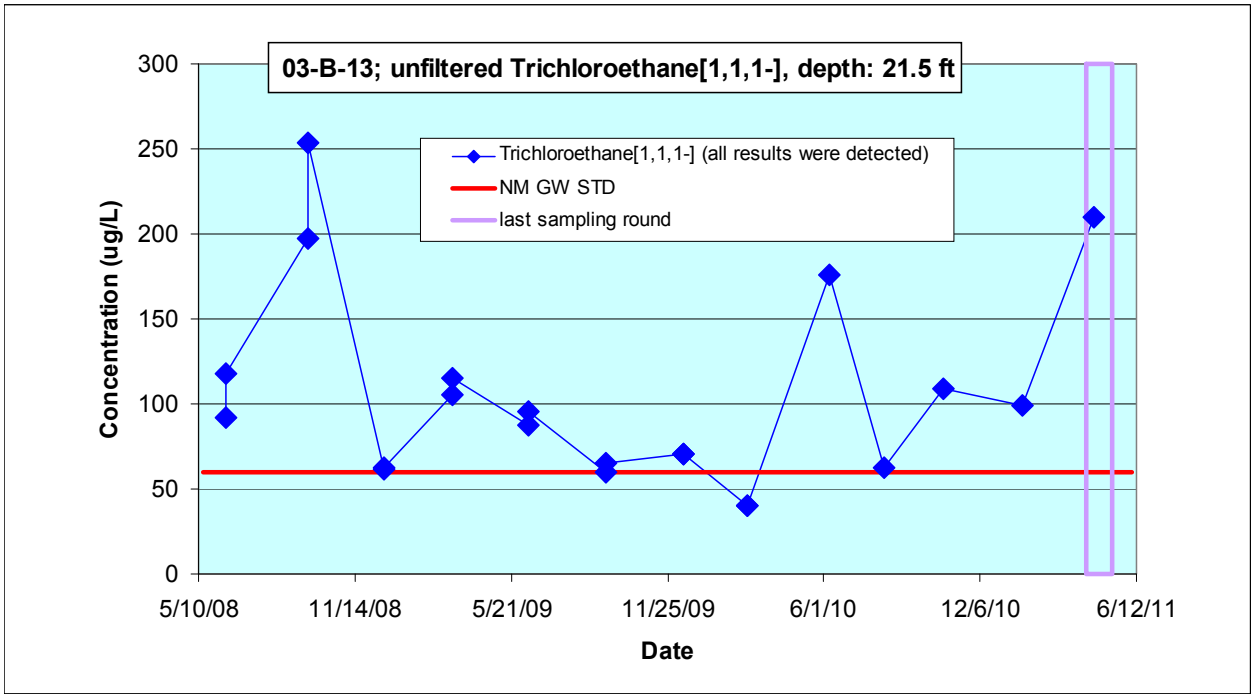

03-B-13; filtered Aluminum, depth: 21.5 ft
Aluminum (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
25000
20000
15000
10000
5000
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

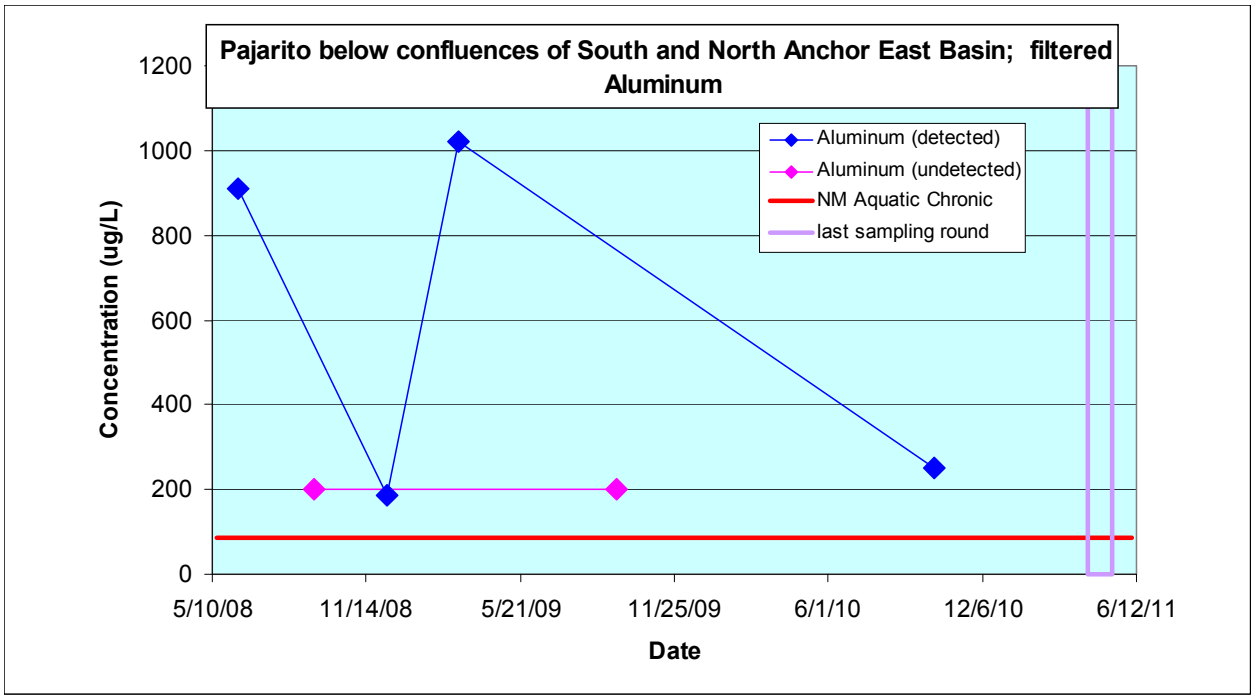

03-B-13; unfiltered Dichloroethene[1,1-], depth: 21.5 ft
Dichloroethene[1,1-] (detected)
Dichloroethene[1,1-] (undetected)
NM GW STD
last sampling round
Concentration (ug/L)
25
20
15
10
5
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

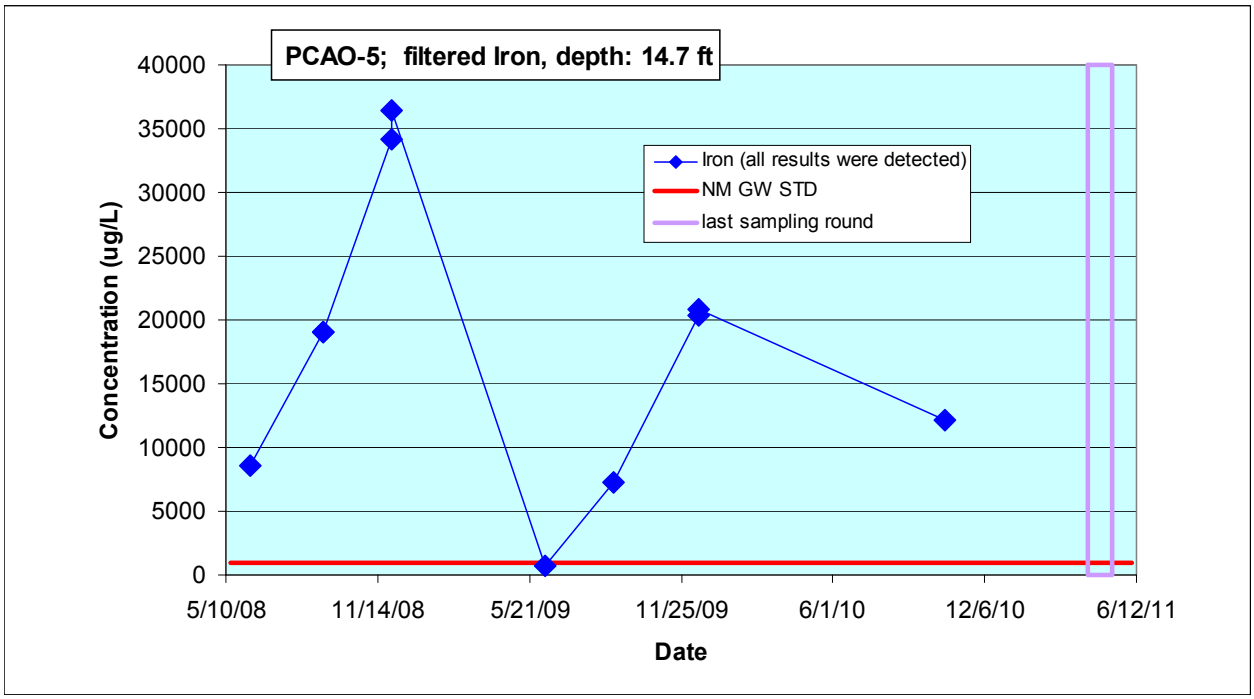

03-B-13; unfiltered Dioxane[1,4-], depth: 21.5 ft
Dioxane[1,4-] (all results were detected)
EPA TAP SCRN LVL
last sampling round
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

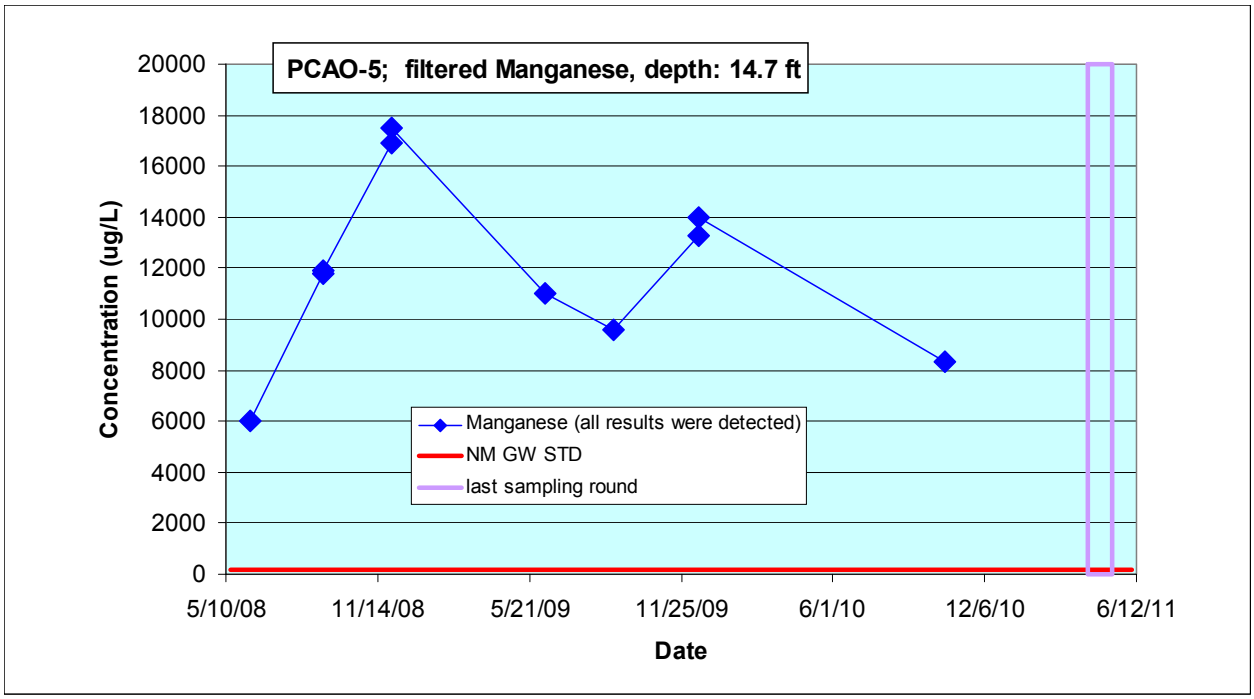

03-B-13; filtered Iron, depth: 21.5 ft
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

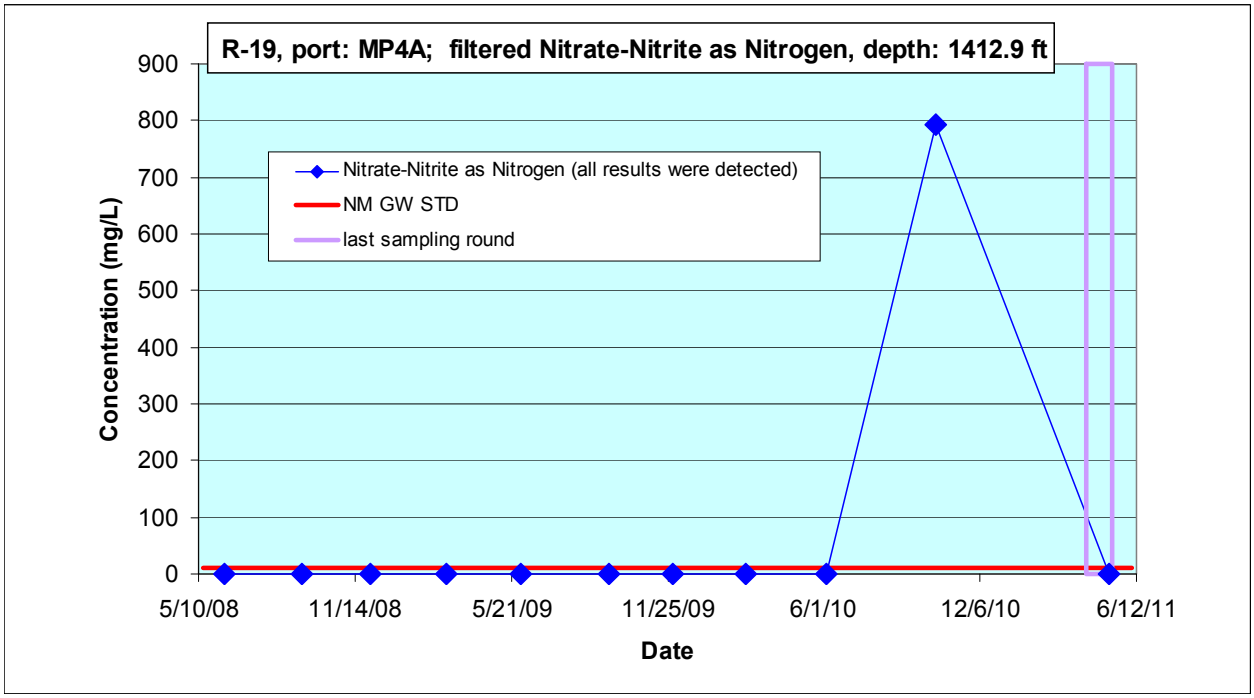

03-B-13; unfiltered Lead, depth: 21.5 ft
Lead (all results were detected)
EPA DW Action Level
last sampling round
Concentration (ug/L)
25
20
15
10
5
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

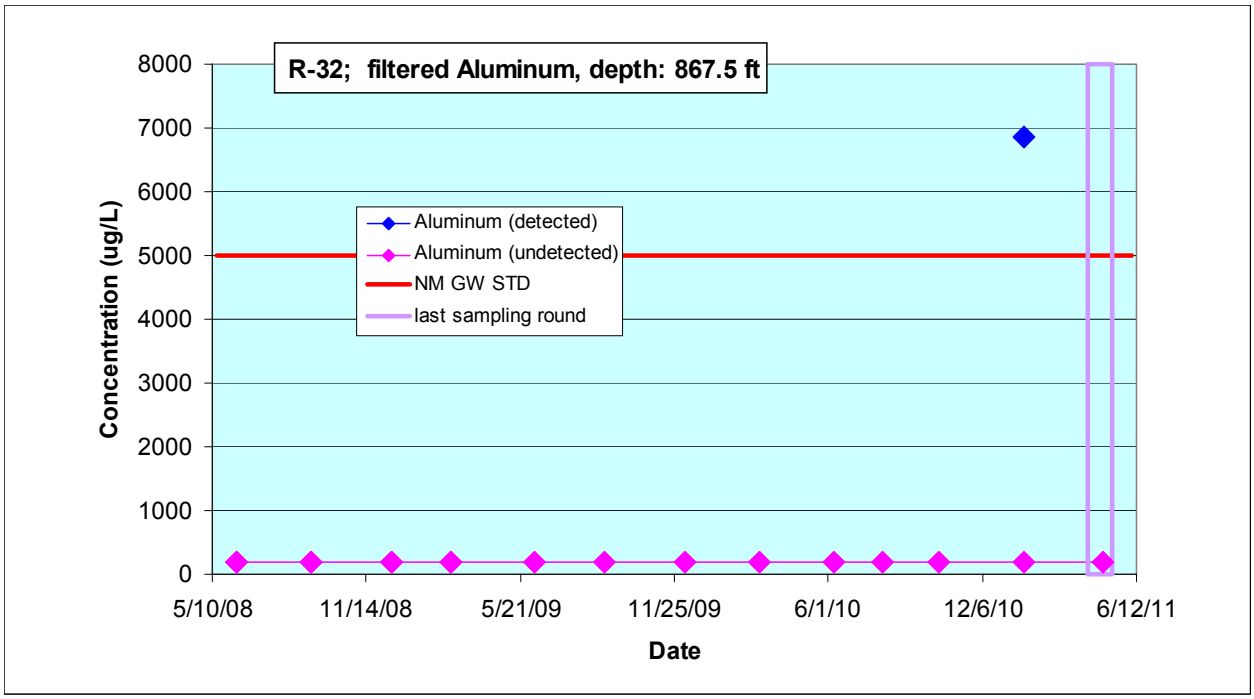

03-B-13; unfiltered Trichloroethane[1,1,1-], depth: 21.5 ft
Trichloroethane[1,1,1-] (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
300
250
200
150
100
50
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

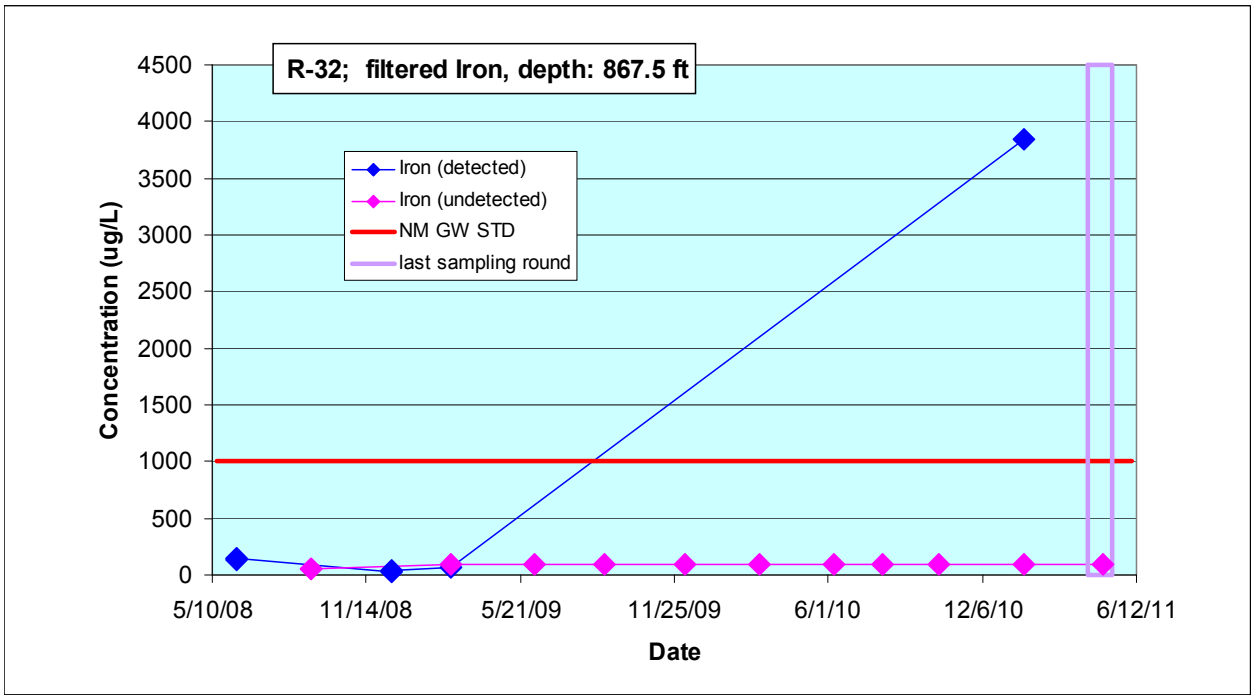

Pajarito below confluences of South and North Anchor East Basin; filtered Aluminum
Aluminum (detected)
Aluminum (undetected)
NM Aquatic Chronic
last sampling round
Concentration (ug/L)
1200
1000
800
600
400
200
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

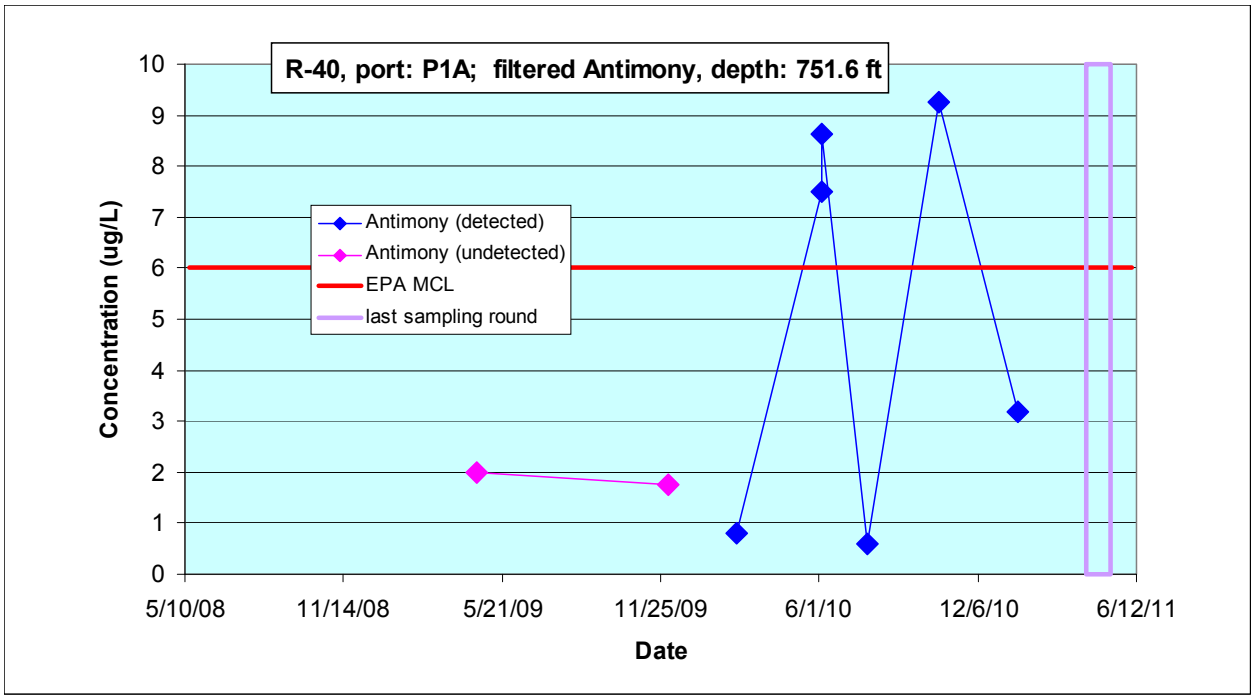

PCAO-5; filtered Iron, depth: 14.7 ft
Iron (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
40000
35000
30000
25000
20000
15000
10000
5000
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

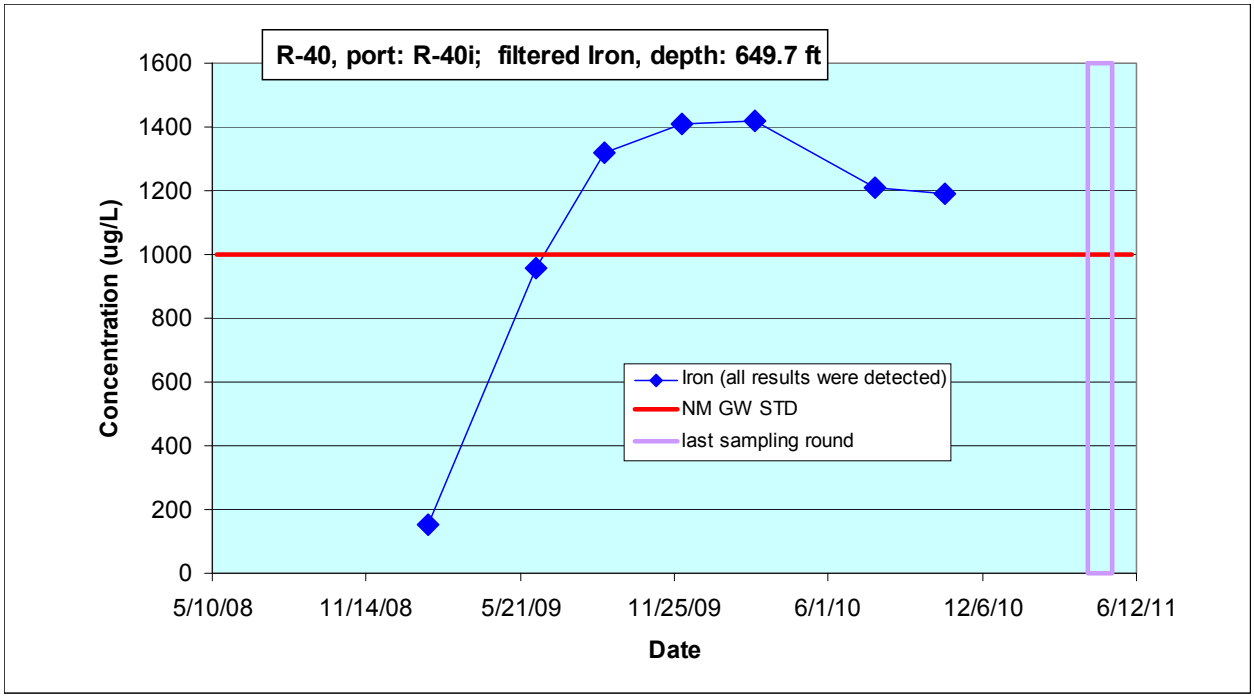

PCAO-5; filtered Manganese, depth: 14.7 ft
Concentration (ug/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date
Manganese (all results were detected)
NM GW STD
last sampling round

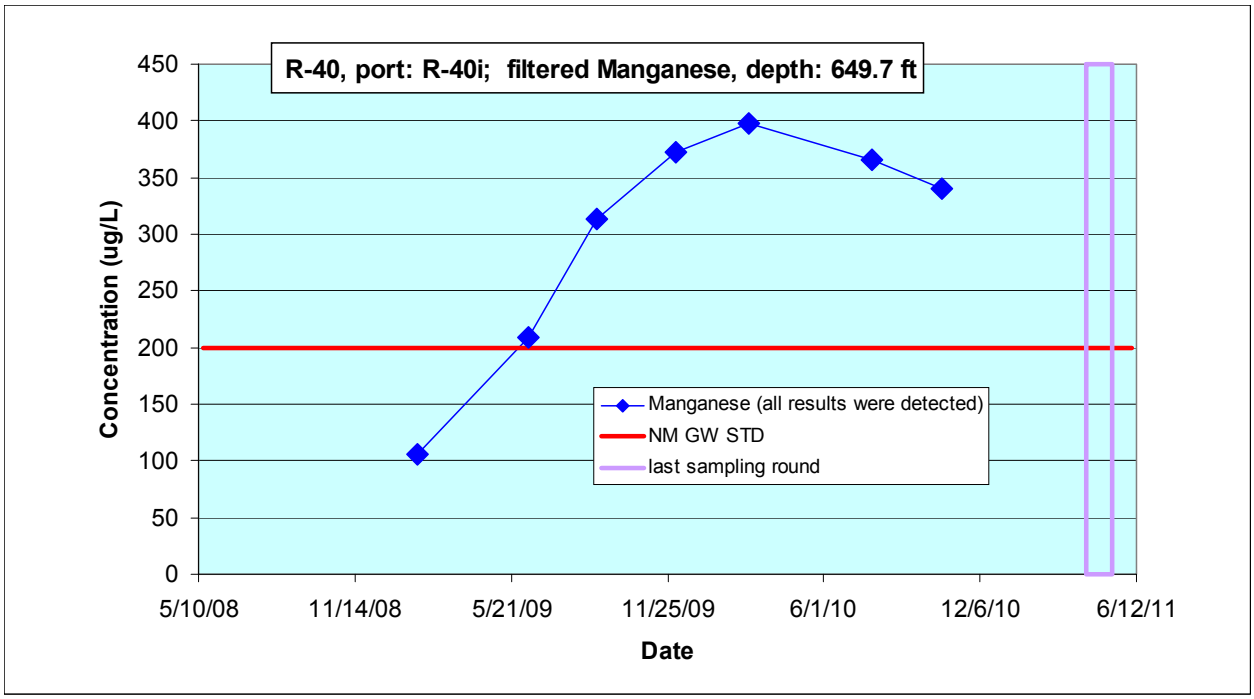

R-19, port: MP4A; filtered Nitrate-Nitrite as Nitrogen, depth: 1412.9 ft
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date
Nitrate-Nitrite as Nitrogen (all results were detected)
NM GW STD
last sampling round

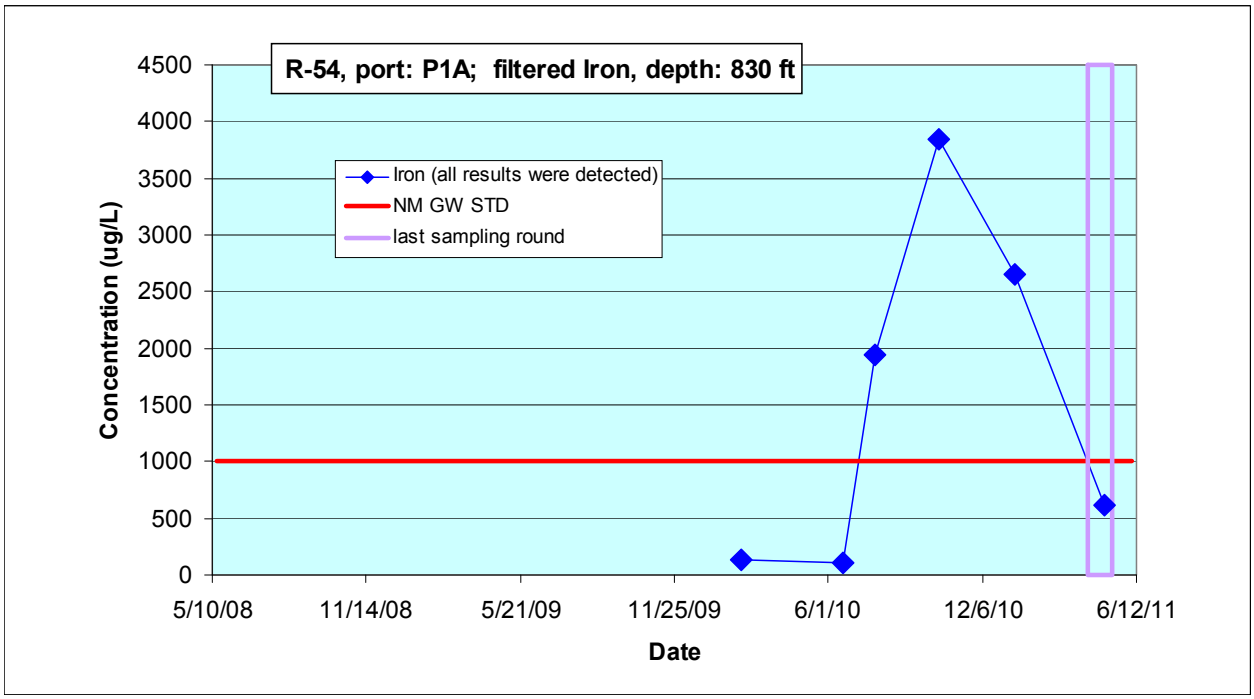

R-32; filtered Aluminum, depth: 867.5 ft
Concentration (ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
Aluminum (detected)
Aluminum (undetected)
NM GW STD
last sampling round
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

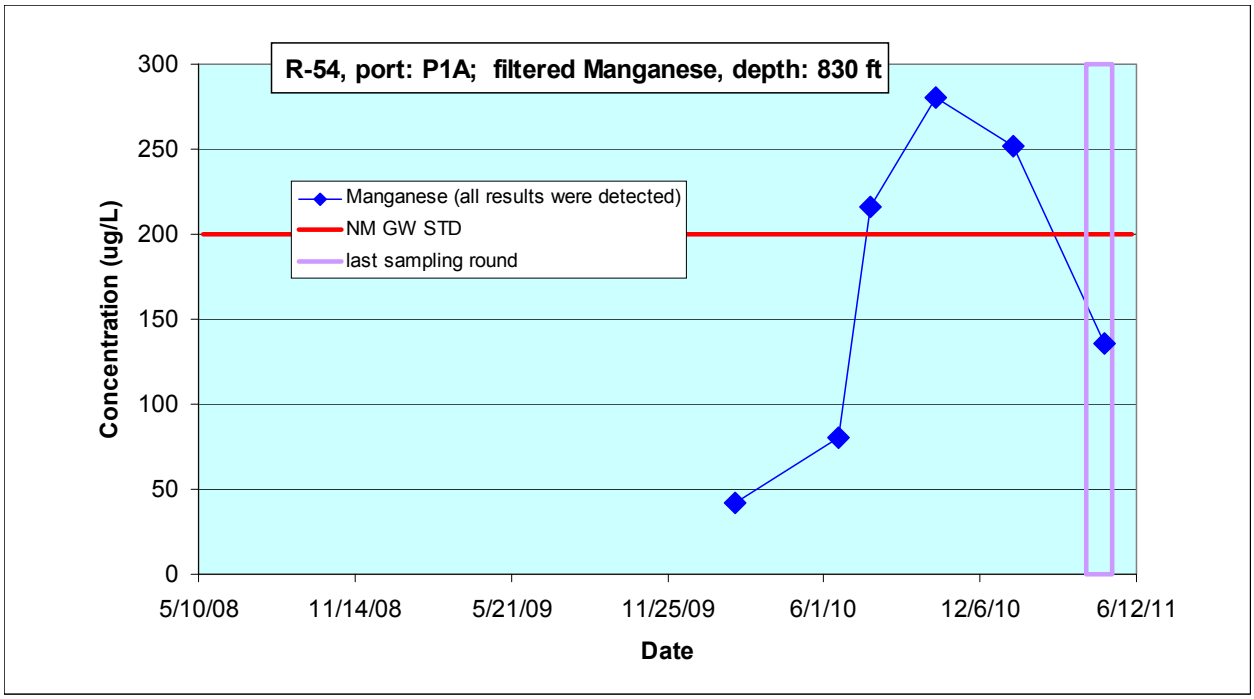

R-32; filtered Iron, depth: 867.5 ft
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Iron (detected)
Iron (undetected)
NM GW STD
last sampling round
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

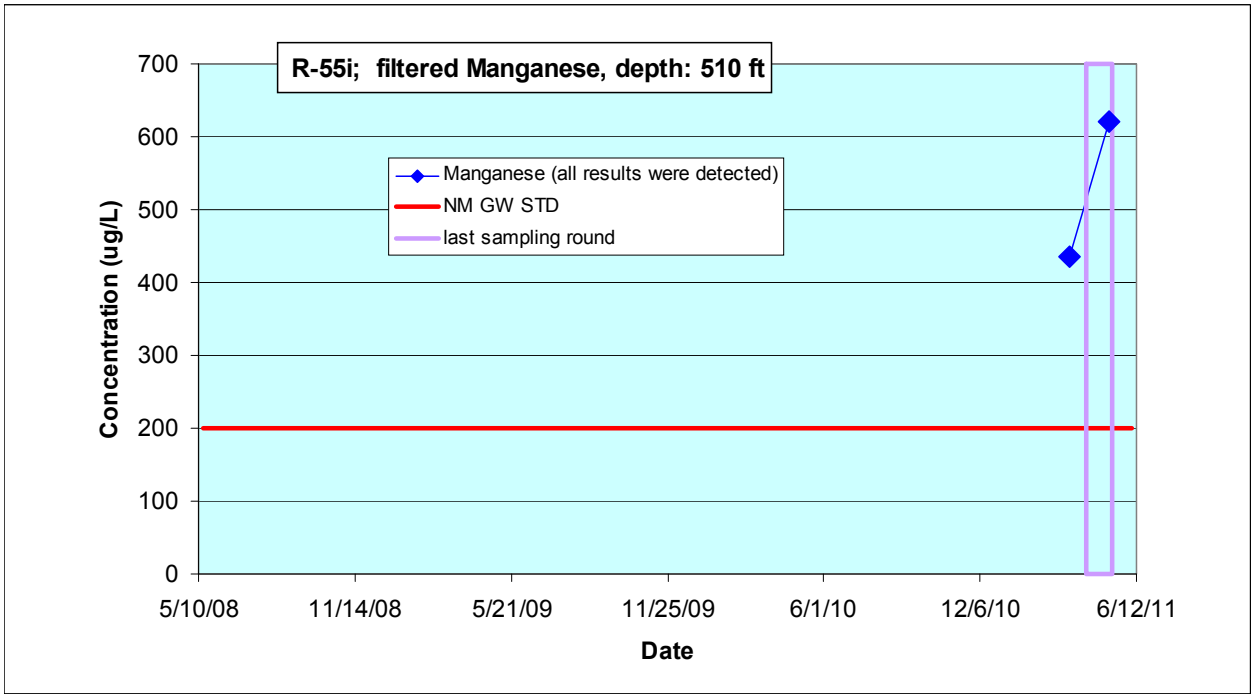

R-40, port: P1A; filtered Antimony, depth: 751.6 ft
Concentration (ug/L)
10
9
8
7
6
5
4
3
2
1
0
Antimony (detected)
Antimony (undetected)
EPA MCL
last sampling round
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date


R-40, port: R-40i; filtered Iron, depth: 649.7 ft
Concentration (ug/L)
1600
1400
1200
1000
800
600
400
200
0
Iron (all results were detected)
NM GW STD
last sampling round
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date


R-40, port: R-40i; filtered Manganese, depth: 649.7 ft
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date
Manganese (all results were detected)
NM GW STD
last sampling round


R-54, port: P1A; filtered Iron, depth: 830 ft
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date
Iron (all results were detected)
NM GW STD
last sampling round


R-54, port: P1A; filtered Manganese, depth: 830 ft
Manganese (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
300
250
200
150
100
50
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date


R-55i; filtered Manganese, depth: 510 ft
Manganese (all results were detected)
NM GW STD
last sampling round
Concentration (ug/L)
700
600
500
400
300
200
100
0
5/10/08
11/14/08
5/21/09
11/25/09
6/1/10
12/6/10
6/12/11
Date

Appendix F

Analytical Reports
(on CD included with this document)

DVD Table of Contents

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2091	GENINORG[a]	GELC[b]	CAPA-11-9575	04/18/11	R-23i	524
11-2091	GENINORG	GELC	CAPA-11-9576	04/18/11	R-23i	524
11-2091	GENINORG	GELC	CAPA-11-9586	04/18/11	R-23	816
11-2091	GENINORG	GELC	CAPA-11-9588	04/18/11	R-23	816
11-2091	HEXP[c]	GELC	CAPA-11-9575	04/18/11	R-23i	524
11-2091	METALS	GELC	CAPA-11-9575	04/18/11	R-23i	524
11-2091	METALS	GELC	CAPA-11-9576	04/18/11	R-23i	524
11-2091	METALS	GELC	CAPA-11-9586	04/18/11	R-23	816
11-2091	METALS	GELC	CAPA-11-9588	04/18/11	R-23	816
11-2091	SVOA[d]	GELC	CAPA-11-9575	04/18/11	R-23i	524
11-2091	SVOA	GELC	CAPA-11-9588	04/18/11	R-23	816
11-2091	VOA[e]	GELC	CAPA-11-9575	04/18/11	R-23i	524
11-2091	VOA	GELC	CAPA-11-9577	04/18/11	R-23i	524
11-2091	VOA	GELC	CAPA-11-9587	04/18/11	R-23	816
11-2091	VOA	GELC	CAPA-11-9588	04/18/11	R-23	816
11-2109	GENINORG	GELC	CAPA-11-9315	04/19/11	R-21	888.8
11-2109	GENINORG	GELC	CAPA-11-9316	04/19/11	R-21	888.8
11-2109	GENINORG	GELC	CAPA-11-9540	04/19/11	CDBO-6	34
11-2109	GENINORG	GELC	CAPA-11-9541	04/19/11	CDBO-6	34
11-2109	METALS	GELC	CAPA-11-9315	04/19/11	R-21	888.8
11-2109	METALS	GELC	CAPA-11-9316	04/19/11	R-21	888.8
11-2109	METALS	GELC	CAPA-11-9541	04/19/11	CDBO-6	34
11-2109	SVOA	GELC	CAPA-11-9315	04/19/11	R-21	888.8
11-2109	VOA	GELC	CAPA-11-9315	04/19/11	R-21	888.8
11-2109	VOA	GELC	CAPA-11-9317	04/19/11	R-21	888.8
11-2116	GENINORG	GELC	CAPA-11-9309	04/20/11	R-20	904.6
11-2116	GENINORG	GELC	CAPA-11-9310	04/20/11	R-20	904.6
11-2116	METALS	GELC	CAPA-11-9309	04/20/11	R-20	904.6
11-2116	METALS	GELC	CAPA-11-9310	04/20/11	R-20	904.6
11-2116	SVOA	GELC	CAPA-11-9309	04/20/11	R-20	904.6
11-2116	VOA	GELC	CAPA-11-9309	04/20/11	R-20	904.6
11-2116	VOA	GELC	CAPA-11-9311	04/20/11	R-20	904.6
11-2142	GENINORG	GELC	CAPA-11-9340	04/21/11	R-39	859
11-2142	GENINORG	GELC	CAPA-11-9341	04/21/11	R-39	859
11-2142	GENINORG	GELC	CAPA-11-9357	04/21/11	R-41	965.3
11-2142	GENINORG	GELC	CAPA-11-9358	04/21/11	R-41	965.3
11-2142	GENINORG	GELC	CAPA-11-9550	04/21/11	PCAO-7c	9.7
11-2142	GENINORG	GELC	CAPA-11-9551	04/21/11	PCAO-7c	9.7

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2142	METALS	GELC	CAPA-11-9340	04/21/11	R-39	859
11-2142	METALS	GELC	CAPA-11-9341	04/21/11	R-39	859
11-2142	METALS	GELC	CAPA-11-9357	04/21/11	R-41	965.3
11-2142	METALS	GELC	CAPA-11-9358	04/21/11	R-41	965.3
11-2142	METALS	GELC	CAPA-11-9550	04/21/11	PCAO-7c	9.7
11-2142	METALS	GELC	CAPA-11-9551	04/21/11	PCAO-7c	9.7
11-2142	SVOA	GELC	CAPA-11-9340	04/21/11	R-39	859
11-2142	SVOA	GELC	CAPA-11-9358	04/21/11	R-41	965.3
11-2142	VOA	GELC	CAPA-11-9339	04/21/11	R-39	859
11-2142	VOA	GELC	CAPA-11-9340	04/21/11	R-39	859
11-2142	VOA	GELC	CAPA-11-9356	04/21/11	R-41	965.3
11-2142	VOA	GELC	CAPA-11-9358	04/21/11	R-41	965.3
11-2148	GENINORG	GELC	CAPA-11-9561	04/22/11	03-B-13	21.5
11-2148	GENINORG	GELC	CAPA-11-9562	04/22/11	03-B-13	21.5
11-2148	HEXP	GELC	CAPA-11-9562	04/22/11	03-B-13	21.5
11-2148	METALS	GELC	CAPA-11-9561	04/22/11	03-B-13	21.5
11-2148	METALS	GELC	CAPA-11-9562	04/22/11	03-B-13	21.5
11-2148	RAD[f]	GELC	CAPA-11-9562	04/22/11	03-B-13	21.5
11-2148	SVOA	GELC	CAPA-11-9562	04/22/11	03-B-13	21.5
11-2148	SVOA	GELC	CAPA-11-9563	04/22/11	03-B-13	21.5
11-2148	VOA	GELC	CAPA-11-9560	04/22/11	03-B-13	21.5
11-2148	VOA	GELC	CAPA-11-9562	04/22/11	03-B-13	21.5
11-2148	VOA	GELC	CAPA-11-9563	04/22/11	03-B-13	21.5
11-2158	HEXP	STSL[g]	CAPA-11-9292	04/22/11	R-18	1358
11-2158	HEXP	STSL	CAPA-11-9296	04/22/11	R-18	1358
11-2159	GENINORG	GELC	CAPA-11-9292	04/22/11	R-18	1358
11-2159	GENINORG	GELC	CAPA-11-9293	04/22/11	R-18	1358
11-2159	GENINORG	GELC	CAPA-11-9295	04/22/11	R-18	1358
11-2159	GENINORG	GELC	CAPA-11-9296	04/22/11	R-18	1358
11-2159	HEXP	GELC	CAPA-11-9292	04/22/11	R-18	1358
11-2159	HEXP	GELC	CAPA-11-9296	04/22/11	R-18	1358
11-2159	METALS	GELC	CAPA-11-9292	04/22/11	R-18	1358
11-2159	METALS	GELC	CAPA-11-9293	04/22/11	R-18	1358
11-2159	METALS	GELC	CAPA-11-9295	04/22/11	R-18	1358
11-2159	METALS	GELC	CAPA-11-9296	04/22/11	R-18	1358
11-2159	VOA	GELC	CAPA-11-9292	04/22/11	R-18	1358
11-2159	VOA	GELC	CAPA-11-9294	04/22/11	R-18	1358
11-2159	VOA	GELC	CAPA-11-9296	04/22/11	R-18	1358
11-2159	VOA	GELC	CAPA-11-9297	04/22/11	R-18	1358
11-2171	GENINORG	GELC	CAPA-11-9312	04/25/11	R-20	1147.1

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2171	GENINORG	GELC	CAPA-11-9314	04/25/11	R-20	1147.1
11-2171	GENINORG	GELC	CAPA-11-9553	04/25/11	PCAO-8	9.7
11-2171	METALS	GELC	CAPA-11-9312	04/25/11	R-20	1147.1
11-2171	METALS	GELC	CAPA-11-9314	04/25/11	R-20	1147.1
11-2171	METALS	GELC	CAPA-11-9553	04/25/11	PCAO-8	9.7
11-2171	SVOA	GELC	CAPA-11-9314	04/25/11	R-20	1147.1
11-2171	VOA	GELC	CAPA-11-9313	04/25/11	R-20	1147.1
11-2171	VOA	GELC	CAPA-11-9314	04/25/11	R-20	1147.1
11-2183	GENINORG	GELC	CAPA-11-9321	04/26/11	R-37	1026
11-2183	GENINORG	GELC	CAPA-11-9322	04/26/11	R-37	1026
11-2183	METALS	GELC	CAPA-11-9321	04/26/11	R-37	1026
11-2183	METALS	GELC	CAPA-11-9322	04/26/11	R-37	1026
11-2183	SVOA	GELC	CAPA-11-9322	04/26/11	R-37	1026
11-2183	VOA	GELC	CAPA-11-9322	04/26/11	R-37	1026
11-2183	VOA	GELC	CAPA-11-9323	04/26/11	R-37	1026
11-2195	GENINORG	GELC	CAPA-11-9306	04/26/11	R-40	849.3
11-2195	GENINORG	GELC	CAPA-11-9344	04/26/11	R-40	849.3
11-2195	SVOA	GELC	CAPA-11-9306	04/26/11	R-40	849.3
11-2195	SVOA	GELC	CAPA-11-9308	04/26/11	R-40	849.3
11-2195	SVOA	GELC	CAPA-11-9344	04/26/11	R-40	849.3
11-2195	VOA	GELC	CAPA-11-9306	04/26/11	R-40	849.3
11-2195	VOA	GELC	CAPA-11-9308	04/26/11	R-40	849.3
11-2195	VOA	GELC	CAPA-11-9344	04/26/11	R-40	849.3
11-2195	VOA	GELC	CAPA-11-9345	04/26/11	R-40	849.3
11-2196	GENINORG	GELC	CAPA-11-9306	04/26/11	R-40	849.3
11-2196	GENINORG	GELC	CAPA-11-9307	04/26/11	R-40	849.3
11-2196	GENINORG	GELC	CAPA-11-9343	04/26/11	R-40	849.3
11-2196	GENINORG	GELC	CAPA-11-9344	04/26/11	R-40	849.3
11-2196	METALS	GELC	CAPA-11-9306	04/26/11	R-40	849.3
11-2196	METALS	GELC	CAPA-11-9307	04/26/11	R-40	849.3
11-2196	METALS	GELC	CAPA-11-9343	04/26/11	R-40	849.3
11-2196	METALS	GELC	CAPA-11-9344	04/26/11	R-40	849.3
11-2210	GENINORG	GELC	CAPA-11-9534	04/27/11	3MAO-2	14.7
11-2210	GENINORG	GELC	CAPA-11-9535	04/27/11	3MAO-2	14.7
11-2210	GENINORG	GELC	CAPA-11-9537	04/27/11	3MAO-2	14.7
11-2210	GENINORG	GELC	CAPA-11-9538	04/27/11	3MAO-2	14.7
11-2210	METALS	GELC	CAPA-11-9534	04/27/11	3MAO-2	14.7
11-2210	METALS	GELC	CAPA-11-9535	04/27/11	3MAO-2	14.7
11-2210	METALS	GELC	CAPA-11-9537	04/27/11	3MAO-2	14.7
11-2210	METALS	GELC	CAPA-11-9538	04/27/11	3MAO-2	14.7

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2210	VOA	GELC	CAPA-11-9534	04/27/11	3MAO-2	14.7
11-2210	VOA	GELC	CAPA-11-9536	04/27/11	3MAO-2	14.7
11-2210	VOA	GELC	CAPA-11-9537	04/27/11	3MAO-2	14.7
11-2210	VOA	GELC	CAPA-11-9539	04/27/11	3MAO-2	14.7
11-2212	GENINORG	GELC	CAPA-11-9287	04/27/11	R-17	1057
11-2212	GENINORG	GELC	CAPA-11-9288	04/27/11	R-17	1057
11-2212	GENINORG	GELC	CAPA-11-9289	04/27/11	R-17	1124
11-2212	GENINORG	GELC	CAPA-11-9291	04/27/11	R-17	1124
11-2212	METALS	GELC	CAPA-11-9287	04/27/11	R-17	1057
11-2212	METALS	GELC	CAPA-11-9288	04/27/11	R-17	1057
11-2212	METALS	GELC	CAPA-11-9289	04/27/11	R-17	1124
11-2212	METALS	GELC	CAPA-11-9291	04/27/11	R-17	1124
11-2212	VOA	GELC	CAPA-11-9286	04/27/11	R-17	1057
11-2212	VOA	GELC	CAPA-11-9288	04/27/11	R-17	1057
11-2212	VOA	GELC	CAPA-11-9289	04/27/11	R-17	1124
11-2212	VOA	GELC	CAPA-11-9290	04/27/11	R-17	1124
11-2217	HEXP	STSL	CAPA-11-9591	04/27/11	R-60	1330
11-2218	DIOX/FUR[h]	CFA[i]	CAPA-11-9591	04/27/11	R-60	1330
11-2219	GENINORG	GELC	CAPA-11-9589	04/27/11	R-60	1330
11-2219	GENINORG	GELC	CAPA-11-9591	04/27/11	R-60	1330
11-2219	HEXP	GELC	CAPA-11-9591	04/27/11	R-60	1330
11-2219	METALS	GELC	CAPA-11-9589	04/27/11	R-60	1330
11-2219	METALS	GELC	CAPA-11-9591	04/27/11	R-60	1330
11-2219	PEST/PCB[j]	GELC	CAPA-11-9591	04/27/11	R-60	1330
11-2219	RAD	GELC	CAPA-11-9591	04/27/11	R-60	1330
11-2219	SVOA	GELC	CAPA-11-9591	04/27/11	R-60	1330
11-2219	VOA	GELC	CAPA-11-9590	04/27/11	R-60	1330
11-2219	VOA	GELC	CAPA-11-9591	04/27/11	R-60	1330
11-2230	GENINORG	GELC	CAPA-11-9503	04/28/11	R-55	860
11-2230	GENINORG	GELC	CAPA-11-9505	04/28/11	R-55	860
11-2230	GENINORG	GELC	CAPA-11-9507	04/28/11	R-55	994.4
11-2230	GENINORG	GELC	CAPA-11-9508	04/28/11	R-55	994.4
11-2230	HEXP	GELC	CAPA-11-9505	04/28/11	R-55	860
11-2230	HEXP	GELC	CAPA-11-9508	04/28/11	R-55	994.4
11-2230	METALS	GELC	CAPA-11-9503	04/28/11	R-55	860
11-2230	METALS	GELC	CAPA-11-9505	04/28/11	R-55	860
11-2230	METALS	GELC	CAPA-11-9507	04/28/11	R-55	994.4
11-2230	METALS	GELC	CAPA-11-9508	04/28/11	R-55	994.4
11-2230	PEST/PCB	GELC	CAPA-11-9505	04/28/11	R-55	860
11-2230	PEST/PCB	GELC	CAPA-11-9508	04/28/11	R-55	994.4

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2230	RAD	GELC	CAPA-11-9505	04/28/11	R-55	860
11-2230	RAD	GELC	CAPA-11-9508	04/28/11	R-55	994.4
11-2230	SVOA	GELC	CAPA-11-9505	04/28/11	R-55	860
11-2230	SVOA	GELC	CAPA-11-9508	04/28/11	R-55	994.4
11-2230	VOA	GELC	CAPA-11-9504	04/28/11	R-55	860
11-2230	VOA	GELC	CAPA-11-9505	04/28/11	R-55	860
11-2230	VOA	GELC	CAPA-11-9506	04/28/11	R-55	994.4
11-2230	VOA	GELC	CAPA-11-9508	04/28/11	R-55	994.4
11-2231	GENINORG	GELC	CAPA-11-9568	04/28/11	R-23i	400.3
11-2231	GENINORG	GELC	CAPA-11-9570	04/28/11	R-23i	400.3
11-2231	HEXP	GELC	CAPA-11-9568	04/28/11	R-23i	400.3
11-2231	METALS	GELC	CAPA-11-9568	04/28/11	R-23i	400.3
11-2231	METALS	GELC	CAPA-11-9570	04/28/11	R-23i	400.3
11-2231	SVOA	GELC	CAPA-11-9568	04/28/11	R-23i	400.3
11-2231	SVOA	GELC	CAPA-11-9571	04/28/11	R-23i	400.3
11-2231	VOA	GELC	CAPA-11-9568	04/28/11	R-23i	400.3
11-2231	VOA	GELC	CAPA-11-9569	04/28/11	R-23i	400.3
11-2231	VOA	GELC	CAPA-11-9571	04/28/11	R-23i	400.3
11-2248	HEXP	STSL	CAPA-11-9505	04/28/11	R-55	860
11-2248	HEXP	STSL	CAPA-11-9508	04/28/11	R-55	994.4
11-2249	DIOX/FUR	CFA	CAPA-11-9378	04/29/11	R-49	905.6
11-2249	DIOX/FUR	CFA	CAPA-11-9505	04/28/11	R-55	860
11-2249	DIOX/FUR	CFA	CAPA-11-9508	04/28/11	R-55	994.4
11-2250	GENINORG	GELC	CAPA-11-9377	04/29/11	R-49	905.6
11-2250	GENINORG	GELC	CAPA-11-9378	04/29/11	R-49	905.6
11-2250	HEXP	GELC	CAPA-11-9378	04/29/11	R-49	905.6
11-2250	METALS	GELC	CAPA-11-9377	04/29/11	R-49	905.6
11-2250	METALS	GELC	CAPA-11-9378	04/29/11	R-49	905.6
11-2250	PEST/PCB	GELC	CAPA-11-9378	04/29/11	R-49	905.6
11-2250	RAD	GELC	CAPA-11-9378	04/29/11	R-49	905.6
11-2250	SVOA	GELC	CAPA-11-9378	04/29/11	R-49	905.6
11-2250	VOA	GELC	CAPA-11-9376	04/29/11	R-49	905.6
11-2250	VOA	GELC	CAPA-11-9378	04/29/11	R-49	905.6
11-2258	GENINORG	GELC	CAPA-11-9318	05/02/11	R-32	867.5
11-2258	GENINORG	GELC	CAPA-11-9320	05/02/11	R-32	867.5
11-2258	METALS	GELC	CAPA-11-9318	05/02/11	R-32	867.5
11-2258	METALS	GELC	CAPA-11-9320	05/02/11	R-32	867.5
11-2258	SVOA	GELC	CAPA-11-9318	05/02/11	R-32	867.5
11-2258	VOA	GELC	CAPA-11-9318	05/02/11	R-32	867.5
11-2258	VOA	GELC	CAPA-11-9319	05/02/11	R-32	867.5

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2262	DIOX/FUR	CFA	CAPA-11-9366	05/02/11	R-49	845
11-2263	GENINORG	GELC	CAPA-11-9366	05/02/11	R-49	845
11-2263	GENINORG	GELC	CAPA-11-9367	05/02/11	R-49	845
11-2263	HEXP	GELC	CAPA-11-9366	05/02/11	R-49	845
11-2263	METALS	GELC	CAPA-11-9366	05/02/11	R-49	845
11-2263	METALS	GELC	CAPA-11-9367	05/02/11	R-49	845
11-2263	PEST/PCB	GELC	CAPA-11-9366	05/02/11	R-49	845
11-2263	RAD	GELC	CAPA-11-9366	05/02/11	R-49	845
11-2263	SVOA	GELC	CAPA-11-9366	05/02/11	R-49	845
11-2263	VOA	GELC	CAPA-11-9365	05/02/11	R-49	845
11-2263	VOA	GELC	CAPA-11-9366	05/02/11	R-49	845
11-2283	HEXP	GELC	CAPA-11-9574	05/03/11	R-23i	470.2
11-2283	SVOA	GELC	CAPA-11-9298	05/03/11	R-37	929.3
11-2283	SVOA	GELC	CAPA-11-9574	05/03/11	R-23i	470.2
11-2283	VOA	GELC	CAPA-11-9298	05/03/11	R-37	929.3
11-2283	VOA	GELC	CAPA-11-9299	05/03/11	R-37	929.3
11-2283	VOA	GELC	CAPA-11-9572	05/03/11	R-23i	470.2
11-2283	VOA	GELC	CAPA-11-9574	05/03/11	R-23i	470.2
11-2284	GENINORG	GELC	CAPA-11-9298	05/03/11	R-37	929.3
11-2284	GENINORG	GELC	CAPA-11-9300	05/03/11	R-37	929.3
11-2284	GENINORG	GELC	CAPA-11-9573	05/03/11	R-23i	470.2
11-2284	GENINORG	GELC	CAPA-11-9574	05/03/11	R-23i	470.2
11-2284	METALS	GELC	CAPA-11-9298	05/03/11	R-37	929.3
11-2284	METALS	GELC	CAPA-11-9300	05/03/11	R-37	929.3
11-2284	METALS	GELC	CAPA-11-9573	05/03/11	R-23i	470.2
11-2284	METALS	GELC	CAPA-11-9574	05/03/11	R-23i	470.2
11-2298	DIOX/FUR	CFA	CAPA-11-9464	05/04/11	R-52	1035.2
11-2298	DIOX/FUR	CFA	CAPA-11-9475	05/04/11	R-52	1107
11-2299	GENINORG	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2299	GENINORG	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2299	HEXP	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2299	HEXP	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2299	PEST/PCB	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2299	PEST/PCB	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2299	SVOA	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2299	SVOA	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2299	VOA	GELC	CAPA-11-9462	05/04/11	R-52	1035.2
11-2299	VOA	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2299	VOA	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2299	VOA	GELC	CAPA-11-9476	05/04/11	R-52	1107

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2300	GENINORG	GELC	CAPA-11-9463	05/04/11	R-52	1035.2
11-2300	GENINORG	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2300	GENINORG	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2300	GENINORG	GELC	CAPA-11-9477	05/04/11	R-52	1107
11-2300	METALS	GELC	CAPA-11-9463	05/04/11	R-52	1035.2
11-2300	METALS	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2300	METALS	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2300	METALS	GELC	CAPA-11-9477	05/04/11	R-52	1107
11-2300	RAD	GELC	CAPA-11-9464	05/04/11	R-52	1035.2
11-2300	RAD	GELC	CAPA-11-9475	05/04/11	R-52	1107
11-2303	DIOX/FUR	CFA	CAPA-11-9499	05/04/11	R-54	830
11-2304	GENINORG	GELC	CAPA-11-9497	05/04/11	R-54	830
11-2304	GENINORG	GELC	CAPA-11-9499	05/04/11	R-54	830
11-2304	HEXP	GELC	CAPA-11-9499	05/04/11	R-54	830
11-2304	METALS	GELC	CAPA-11-9497	05/04/11	R-54	830
11-2304	METALS	GELC	CAPA-11-9499	05/04/11	R-54	830
11-2304	PEST/PCB	GELC	CAPA-11-9499	05/04/11	R-54	830
11-2304	RAD	GELC	CAPA-11-9499	05/04/11	R-54	830
11-2304	SVOA	GELC	CAPA-11-9499	05/04/11	R-54	830
11-2304	VOA	GELC	CAPA-11-9498	05/04/11	R-54	830
11-2304	VOA	GELC	CAPA-11-9499	05/04/11	R-54	830
11-2316	GENINORG	GELC	CAPA-11-9524	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—[k]
11-2316	GENINORG	GELC	CAPA-11-9525	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—
11-2316	GENINORG	GELC	CAPA-11-9526	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—
11-2316	GENINORG	GELC	CAPA-11-9527	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—
11-2316	GENINORG	GELC	CAPA-11-9530	05/05/11	Bulldog Spring	0
11-2316	GENINORG	GELC	CAPA-11-9531	05/05/11	Bulldog Spring	0
11-2316	GENINORG	GELC	CAPA-11-9532	05/05/11	Kieling Spring	0
11-2316	GENINORG	GELC	CAPA-11-9533	05/05/11	Kieling Spring	0
11-2316	HEXP	GELC	CAPA-11-9524	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—
11-2316	HEXP	GELC	CAPA-11-9526	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—
11-2316	HEXP	GELC	CAPA-11-9530	05/05/11	Bulldog Spring	0
11-2316	HEXP	GELC	CAPA-11-9532	05/05/11	Kieling Spring	0
11-2316	METALS	GELC	CAPA-11-9525	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2316	METALS	GELC	CAPA-11-9527	05/05/11	Pajarito below confluences of South and North Anchor East Basin	—
11-2316	METALS	GELC	CAPA-11-9531	05/05/11	Bulldog Spring	0
11-2316	METALS	GELC	CAPA-11-9533	05/05/11	Kieling Spring	0
11-2328	DIOX/FUR	CFA	CAPA-11-9500	05/05/11	R-54	915
11-2329	DRO[l]	GELC	CAPA-11-9304	05/05/11	R-40	751.6
11-2329	GENINORG	GELC	CAPA-11-9500	05/05/11	R-54	915
11-2329	GENINORG	GELC	CAPA-11-9501	05/05/11	R-54	915
11-2329	GRO[m]	GELC	CAPA-11-9304	05/05/11	R-40	751.6
11-2329	HEXP	GELC	CAPA-11-9500	05/05/11	R-54	915
11-2329	METALS	GELC	CAPA-11-9500	05/05/11	R-54	915
11-2329	METALS	GELC	CAPA-11-9501	05/05/11	R-54	915
11-2329	PEST/PCB	GELC	CAPA-11-9500	05/05/11	R-54	915
11-2329	RAD	GELC	CAPA-11-9500	05/05/11	R-54	915
11-2329	SVOA	GELC	CAPA-11-9500	05/05/11	R-54	915
11-2329	VOA	GELC	CAPA-11-9303	05/05/11	R-40	751.6
11-2329	VOA	GELC	CAPA-11-9304	05/05/11	R-40	751.6
11-2329	VOA	GELC	CAPA-11-9500	05/05/11	R-54	915
11-2329	VOA	GELC	CAPA-11-9502	05/05/11	R-54	915
11-2336	GENINORG	GELC	CAPA-11-9283	05/06/11	PCI-2	512
11-2336	GENINORG	GELC	CAPA-11-9284	05/06/11	PCI-2	512
11-2336	METALS	GELC	CAPA-11-9283	05/06/11	PCI-2	512
11-2336	METALS	GELC	CAPA-11-9284	05/06/11	PCI-2	512
11-2336	VOA	GELC	CAPA-11-9283	05/06/11	PCI-2	512
11-2336	VOA	GELC	CAPA-11-9285	05/06/11	PCI-2	512
11-2344	GENINORG	GELC	CAPA-11-9325	05/06/11	R-38	821.2
11-2344	GENINORG	GELC	CAPA-11-9326	05/06/11	R-38	821.2
11-2344	GENINORG	GELC	CAPA-11-9327	05/06/11	R-38	821.2
11-2344	GENINORG	GELC	CAPA-11-9328	05/06/11	R-38	821.2
11-2344	METALS	GELC	CAPA-11-9325	05/06/11	R-38	821.2
11-2344	METALS	GELC	CAPA-11-9326	05/06/11	R-38	821.2
11-2344	METALS	GELC	CAPA-11-9327	05/06/11	R-38	821.2
11-2344	METALS	GELC	CAPA-11-9328	05/06/11	R-38	821.2
11-2344	SVOA	GELC	CAPA-11-9325	05/06/11	R-38	821.2
11-2344	SVOA	GELC	CAPA-11-9327	05/06/11	R-38	821.2
11-2344	VOA	GELC	CAPA-11-9324	05/06/11	R-38	821.2
11-2344	VOA	GELC	CAPA-11-9325	05/06/11	R-38	821.2
11-2344	VOA	GELC	CAPA-11-9327	05/06/11	R-38	821.2
11-2347	DIOX/FUR	CFA	CAPA-11-9483	05/06/11	R-53	849.2
11-2347	DIOX/FUR	CFA	CAPA-11-9491	05/06/11	R-53	959.7

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2347	DIOX/FUR	CFA	CAPA-11-9494	05/06/11	R-53	959.7
11-2347	DIOX/FUR	CFA	CAPA-11-9495	05/06/11	R-53	959.7
11-2347	DIOX/FUR	CFA	CAPA-11-9496	05/06/11	R-53	959.7
11-2348	HEXP	STSL	CAPA-11-9496	05/06/11	R-53	959.7
11-2349	GENINORG	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2349	GENINORG	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2349	GENINORG	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2349	GENINORG	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2349	HEXP	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2349	HEXP	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2349	HEXP	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2349	HEXP	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2349	PEST/PCB	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2349	PEST/PCB	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2349	PEST/PCB	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2349	PEST/PCB	GELC	CAPA-11-9495	05/06/11	R-53	959.7
11-2349	PEST/PCB	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2349	SVOA	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2349	SVOA	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2349	SVOA	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2349	SVOA	GELC	CAPA-11-9495	05/06/11	R-53	959.7
11-2349	SVOA	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2349	VOA	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2349	VOA	GELC	CAPA-11-9485	05/06/11	R-53	849.2
11-2349	VOA	GELC	CAPA-11-9490	05/06/11	R-53	959.7
11-2349	VOA	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2349	VOA	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2349	VOA	GELC	CAPA-11-9495	05/06/11	R-53	959.7
11-2349	VOA	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2350	GENINORG	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2350	GENINORG	GELC	CAPA-11-9484	05/06/11	R-53	849.2
11-2350	GENINORG	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2350	GENINORG	GELC	CAPA-11-9492	05/06/11	R-53	959.7
11-2350	GENINORG	GELC	CAPA-11-9493	05/06/11	R-53	959.7
11-2350	GENINORG	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2350	GENINORG	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2350	METALS	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2350	METALS	GELC	CAPA-11-9484	05/06/11	R-53	849.2
11-2350	METALS	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2350	METALS	GELC	CAPA-11-9492	05/06/11	R-53	959.7

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2350	METALS	GELC	CAPA-11-9493	05/06/11	R-53	959.7
11-2350	METALS	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2350	METALS	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2351	RAD	GELC	CAPA-11-9483	05/06/11	R-53	849.2
11-2351	RAD	GELC	CAPA-11-9491	05/06/11	R-53	959.7
11-2351	RAD	GELC	CAPA-11-9494	05/06/11	R-53	959.7
11-2351	RAD	GELC	CAPA-11-9496	05/06/11	R-53	959.7
11-2360	DIOX/FUR	CFA	CAPA-11-9405	05/09/11	R-51	914.96
11-2360	DIOX/FUR	CFA	CAPA-11-9424	05/09/11	R-51	914.96
11-2360	DIOX/FUR	CFA	CAPA-11-9446	05/09/11	R-51	1030.96
11-2361	GENINORG	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2361	GENINORG	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2361	HEXP	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2361	HEXP	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2361	PEST/PCB	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2361	PEST/PCB	GELC	CAPA-11-9424	05/09/11	R-51	914.96
11-2361	PEST/PCB	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2361	SVOA	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2361	SVOA	GELC	CAPA-11-9424	05/09/11	R-51	914.96
11-2361	SVOA	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2361	VOA	GELC	CAPA-11-9403	05/09/11	R-51	914.96
11-2361	VOA	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2361	VOA	GELC	CAPA-11-9424	05/09/11	R-51	914.96
11-2361	VOA	GELC	CAPA-11-9444	05/09/11	R-51	1030.96
11-2361	VOA	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2362	GENINORG	GELC	CAPA-11-9404	05/09/11	R-51	914.96
11-2362	GENINORG	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2362	GENINORG	GELC	CAPA-11-9445	05/09/11	R-51	1030.96
11-2362	GENINORG	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2362	METALS	GELC	CAPA-11-9404	05/09/11	R-51	914.96
11-2362	METALS	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2362	METALS	GELC	CAPA-11-9445	05/09/11	R-51	1030.96
11-2362	METALS	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2362	RAD	GELC	CAPA-11-9405	05/09/11	R-51	914.96
11-2362	RAD	GELC	CAPA-11-9446	05/09/11	R-51	1030.96
11-2365	DIOX/FUR	CFA	CAPA-11-9515	05/09/11	R-57	910
11-2365	DIOX/FUR	CFA	CAPA-11-9518	05/09/11	R-57	971.5
11-2366	HEXP	STSL	CAPA-11-9515	05/09/11	R-57	910
11-2366	HEXP	STSL	CAPA-11-9518	05/09/11	R-57	971.5
11-2367	GENINORG	GELC	CAPA-11-9515	05/09/11	R-57	910

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2367	GENINORG	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2367	HEXP	GELC	CAPA-11-9515	05/09/11	R-57	910
11-2367	HEXP	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2367	PEST/PCB	GELC	CAPA-11-9515	05/09/11	R-57	910
11-2367	PEST/PCB	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2367	SVOA	GELC	CAPA-11-9515	05/09/11	R-57	910
11-2367	SVOA	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2367	VOA	GELC	CAPA-11-9515	05/09/11	R-57	910
11-2367	VOA	GELC	CAPA-11-9516	05/09/11	R-57	910
11-2367	VOA	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2367	VOA	GELC	CAPA-11-9520	05/09/11	R-57	971.5
11-2368	GENINORG	GELC	CAPA-11-9515	05/09/11	R-57	910
11-2368	GENINORG	GELC	CAPA-11-9517	05/09/11	R-57	910
11-2368	GENINORG	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2368	GENINORG	GELC	CAPA-11-9519	05/09/11	R-57	971.5
11-2368	METALS	GELC	CAPA-11-9515	05/09/11	R-57	910
11-2368	METALS	GELC	CAPA-11-9517	05/09/11	R-57	910
11-2368	METALS	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2368	METALS	GELC	CAPA-11-9519	05/09/11	R-57	971.5
11-2368	RAD	GELC	CAPA-11-9515	05/09/11	R-57	910
11-2368	RAD	GELC	CAPA-11-9518	05/09/11	R-57	971.5
11-2374	DIOX/FUR	CFA	CAPA-11-10606	05/10/11	R-55i	510
11-2375	HEXP	STSL	CAPA-11-10606	05/10/11	R-55i	510
11-2376	GENINORG	GELC	CAPA-11-10606	05/10/11	R-55i	510
11-2376	GENINORG	GELC	CAPA-11-10607	05/10/11	R-55i	510
11-2376	HEXP	GELC	CAPA-11-10606	05/10/11	R-55i	510
11-2376	METALS	GELC	CAPA-11-10606	05/10/11	R-55i	510
11-2376	METALS	GELC	CAPA-11-10607	05/10/11	R-55i	510
11-2376	PEST/PCB	GELC	CAPA-11-10606	05/10/11	R-55i	510
11-2376	RAD	GELC	CAPA-11-10606	05/10/11	R-55i	510
11-2376	SVOA	GELC	CAPA-11-10606	05/10/11	R-55i	510
11-2376	SVOA	GELC	CAPA-11-10609	05/10/11	R-55i	510
11-2376	VOA	GELC	CAPA-11-10606	05/10/11	R-55i	510
11-2376	VOA	GELC	CAPA-11-10608	05/10/11	R-55i	510
11-2376	VOA	GELC	CAPA-11-10609	05/10/11	R-55i	510
11-2378	GENINORG	GELC	CAPA-11-9578	05/10/11	R-19	1190.7
11-2378	GENINORG	GELC	CAPA-11-9582	05/10/11	R-19	1412.9
11-2378	HEXP	GELC	CAPA-11-9578	05/10/11	R-19	1190.7
11-2378	HEXP	GELC	CAPA-11-9582	05/10/11	R-19	1412.9
11-2378	VOA	GELC	CAPA-11-9578	05/10/11	R-19	1190.7

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2378	VOA	GELC	CAPA-11-9579	05/10/11	R-19	1190.7
11-2378	VOA	GELC	CAPA-11-9581	05/10/11	R-19	1190.7
11-2378	VOA	GELC	CAPA-11-9582	05/10/11	R-19	1412.9
11-2378	VOA	GELC	CAPA-11-9584	05/10/11	R-19	1412.9
11-2378	VOA	GELC	CAPA-11-9585	05/10/11	R-19	1412.9
11-2379	GENINORG	GELC	CAPA-11-9578	05/10/11	R-19	1190.7
11-2379	GENINORG	GELC	CAPA-11-9580	05/10/11	R-19	1190.7
11-2379	GENINORG	GELC	CAPA-11-9582	05/10/11	R-19	1412.9
11-2379	GENINORG	GELC	CAPA-11-9583	05/10/11	R-19	1412.9
11-2379	METALS	GELC	CAPA-11-9578	05/10/11	R-19	1190.7
11-2379	METALS	GELC	CAPA-11-9580	05/10/11	R-19	1190.7
11-2379	METALS	GELC	CAPA-11-9582	05/10/11	R-19	1412.9
11-2379	METALS	GELC	CAPA-11-9583	05/10/11	R-19	1412.9
11-2389	DIOX/FUR	CFA	CAPA-11-9510	05/10/11	R-56	945
11-2389	DIOX/FUR	CFA	CAPA-11-9514	05/10/11	R-56	1046.6
11-2390	HEXP	STSL	CAPA-11-9510	05/10/11	R-56	945
11-2390	HEXP	STSL	CAPA-11-9514	05/10/11	R-56	1046.6
11-2391	GENINORG	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2391	GENINORG	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2391	HEXP	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2391	HEXP	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2391	PEST/PCB	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2391	PEST/PCB	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2391	SVOA	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2391	SVOA	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2391	VOA	GELC	CAPA-11-9509	05/10/11	R-56	945
11-2391	VOA	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2391	VOA	GELC	CAPA-11-9512	05/10/11	R-56	1046.6
11-2391	VOA	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2392	GENINORG	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2392	GENINORG	GELC	CAPA-11-9511	05/10/11	R-56	945
11-2392	GENINORG	GELC	CAPA-11-9513	05/10/11	R-56	1046.6
11-2392	GENINORG	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2392	METALS	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2392	METALS	GELC	CAPA-11-9511	05/10/11	R-56	945
11-2392	METALS	GELC	CAPA-11-9513	05/10/11	R-56	1046.6
11-2392	METALS	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2392	RAD	GELC	CAPA-11-9510	05/10/11	R-56	945
11-2392	RAD	GELC	CAPA-11-9514	05/10/11	R-56	1046.6
11-2407	GENINORG	GELC	CAPA-11-9564	05/12/11	R-19	909.3

Request	Suite	Lab	Sample	Date	Location	Port Depth (ft)
11-2407	GENINORG	GELC	CAPA-11-9565	05/12/11	R-19	909.3
11-2407	HEXP	GELC	CAPA-11-9564	05/12/11	R-19	909.3
11-2407	METALS	GELC	CAPA-11-9564	05/12/11	R-19	909.3
11-2407	METALS	GELC	CAPA-11-9565	05/12/11	R-19	909.3
11-2407	VOA	GELC	CAPA-11-9564	05/12/11	R-19	909.3
11-2407	VOA	GELC	CAPA-11-9566	05/12/11	R-19	909.3

[a] GENINORG = General inorganics.

[b] GELC = General Engineering Laboratories, Inc.

[c] HEXP = High explosives.

[d] SVOA = Semivolatile organic analysis.

[e] VOA = Volatile organic analysis.

[f] RAD = Radionuclides.

[g] STSL = Severn Trent Laboratories, Inc.

[h] DIOX/FUR = Dioxins and furans.

[i] CFA = Cape Fear Analytical, LLC.

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

[k] — = Not applicable.

[l] DRO = Diesel range organics.

[m] GRO = Gasoline range organics.