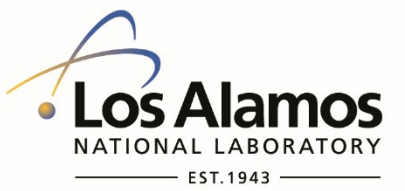
LA-UR-15-25994
August 2015
EP2015-0118

Periodic Monitoring Report for Pajarito Watershed General Surveillance Monitoring Group, Third Quarter, Monitoring Year 2015



Prepared by the Environmental Programs Directorate

EP2015-0118

Periodic Monitoring Report for Pajarito Watershed General Surveillance Monitoring Group, Third Quarter, Monitoring Year 2015

August 2015

Responsible project manager:

Printed Name	Signature	Title	Organization	Date
Steve Paris		Project Manager	Environmental Remediation Program	8/18/2015

Responsible LANS representative:

Printed Name	Signature	Title	Organization	Date
Bruce Robinson		Acting Associate Director	Environmental Programs	08/19/2015

Responsible DOE representative:

Printed Name	Signature	Title	Organization	Date
Christine Gelles		Assistant Manager	DOE-NA-LA	8/28/2015

EXECUTIVE SUMMARY

This periodic monitoring report (PMR) provides the results of the monitoring year 2015, third quarter, periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Pajarito watershed portion of the General Surveillance monitoring group. This PME was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015, prepared in accordance with the Compliance Order on Consent.

The PME documented in this report occurred from April 6 to April 23, 2015, and included the monitoring of groundwater wells or well screens and surface-water locations. This report also includes any results from previous PMEs that were unreported in their respective PMRs because validated laboratory data were not available (in some cases because of data release agreements). Any additional results from sampling that occurred outside the time frame of the current PME are also included in this report.

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

No results from previous sampling of PME surface-water monitoring locations are reported in this PMR. No results from surface-water locations sampled during the current PME were above applicable screening levels.

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

CONTENTS

Figures

Tables

Appendixes

Plates

Acronyms and Abbreviations

AOC	area of concern
amsl	above mean sea level
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations (U.S.)
Consent Order	Compliance Order on Consent
DCS	Derived Concentration Technical Standard (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
F	filtered
gpm	gallons per minute
HE	high explosives
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDA	material disposal area
MDL	method detection limit
N	no (best value flag code)
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
PME	periodic monitoring event
PMR	periodic monitoring report
QC	quality control
SOP	standard operating procedure
SWMU	solid waste management unit
TA	technical area
UF	unfiltered
VOC	volatile organic compound
Y	yes (best value flag code)

1.0 INTRODUCTION

This periodic monitoring report (PMR) provides documentation of monitoring year 2015, third quarter, annual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Pajarito watershed portion of the General Surveillance monitoring group. Monitoring was conducted pursuant to the Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015 (2015 IFGMP) (LANL 2014, 256728), which was prepared in accordance with the Compliance Order on Consent (the Consent Order). The periodic monitoring event (PME) occurred from April 6 to April 23, 2015, and included sampling of groundwater wells or well screens and surface-water locations.

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

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

This report presents the following information:

- general background information on the monitoring group
- field-measurement monitoring results
- water-quality monitoring results
- screening analysis results (comparing these PME results with 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

Most of the monitoring wells discussed in the 2015 IFGMP (LANL 2014, 256728) are assigned to area-specific monitoring groups related to project areas that may be located in more than one watershed. Locations that are not included within one of these six area-specific monitoring groups are assigned to the General Surveillance monitoring group. This PMR presents results from the Pajarito watershed portion of the General Surveillance monitoring group.

Pajarito Canyon has a drainage that extends into the Sierra de los Valles, west of the Laboratory. Saturated alluvium occurs in lower Pajarito Canyon near the eastern Laboratory boundary but does not extend beyond the boundary. In the past, the Laboratory released small amounts of wastewater into tributaries of Pajarito Canyon from several high explosives– (HE-) processing sites at Technical Area 09 (TA-09) and a plating facility at TA-22. Some firing sites border portions of tributaries Twomile and

Threemile Canyons. A nuclear materials experimental facility occupied the floor of Pajarito Canyon at TA-18. Waste management areas at TA-54, used for disposal of organic chemicals and low-level radioactive waste, occupy the mesa north of the lower part of the canyon. A small contaminated area of shallow intermediate groundwater occurs behind a former Laboratory warehouse location at TA-03. The main groundwater impacts are from organic chemicals and from HE.

Other wells in Pajarito Canyon are assigned to the TA-54 monitoring group. At TA-54, groundwater monitoring is conducted to support both (1) the corrective measures process for solid waste management units (SWMUs) and areas of concern (AOCs) (particularly Material Disposal Areas [MDAs] G, H, and L) under the Consent Order and (2) the Resource Conservation and Recovery Act permit. The TA-54 monitoring group was established to address the monitoring requirements for all portions and aspects of TA-54. The TA-54 monitoring group includes both intermediate-perched and regional wells in the near vicinity. Other downgradient wells have general relevance to TA-54 and other upgradient sources but are not considered part of the TA-54 monitoring network and are not included in the monitoring group.

TA-54 is situated in the east-central portion of the Laboratory on Mesita del Buey. TA-54 includes four MDAs designated as G, H, J, and L; a waste characterization, container storage, and transfer facility (TA-54 West); active radioactive waste storage and disposal operations at Area G; hazardous and mixed-waste storage operations at Area L; and administrative and support areas. The transfer facility is located at the western end of TA-54. A total of 47 SWMUs and AOCs are located within TA-54.

Mesita del Buey is a 100-ft- to 140-ft-high finger-shaped mesa that trends southeast. The elevation of Mesita del Buey ranges from 6750 ft to 6670 ft above mean sea level (amsl) at Area G. The mesa is approximately 500 ft wide and is bounded by Cañada del Buey and Pajarito Canyon.

The TA-54 monitoring group is located predominantly in the Pajarito Canyon watershed, and the occurrence of surface water, alluvial groundwater, and intermediate-perched and regional groundwater is discussed in the Pajarito Canyon Investigation Report, Revision 1 (LANL 2009, 106939).

Pore-gas monitoring data show vapor-phase organic compounds are present in the upper portion of the unsaturated zone beneath MDAs G and L. The primary contaminants that have been transported in the vapor phase at TA-54 are 1,1,1-trichloroethane; trichloroethene; Freon-113; and tritium (LANL 2005, 090513; LANL 2006, 091888; LANL 2007, 096409).

Data from the groundwater monitoring network around TA-54 show sporadic detections of a variety of contaminants, including several vapor-phase organic compounds. The temporal and spatial nature of the occurrences does not, however, clearly indicate the presence of a source related to potential sources at TA-54 (LANL 2009, 106939). Further evaluations of existing groundwater data near TA-54 and detailed descriptions of organic and inorganic contaminants detected in intermediate-perched and regional groundwater at TA-54 are presented in the corrective measures evaluation reports for MDAs G, H, and L (LANL 2011, 205756; LANL 2011, 206319; LANL 2011, 206324).

2.0 SCOPE OF ACTIVITIES

The PME for the Pajarito watershed portion of the General Surveillance monitoring group was conducted pursuant to the 2015 IFGMP (LANL 2014, 256728).

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

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2015 IFGMP (LANL 2014, 256728).

3.2 Field Parameter Results

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

3.3 Groundwater Elevations and Base-Flow Observations

The periodic monitoring water-level data for the previous 2 yr are presented in Appendix B (on CD included with this document). For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements were recorded immediately before sampling. The groundwater-elevation measurements are shown graphically on Plate 1. 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 PME. Table 3.4-2 presents a list of analytes for which the method detection limits (MDLs) are greater than screening levels. Some of the analytes were measured using more than one analytical method or analytical laboratory, leading to a range of MDLs. For some of these analytes, the MDL is much lower than for earlier analyses. Table 3.4-3 presents a list of analytes for which the MDLs are now below screening levels. The tables apply to the results with the lowest MDL, so the analytical method and analytical laboratory are included in the tables for reference.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2015 IFGMP (LANL 2014, 256728). Purge water is managed and characterized in accordance with the waste characterization strategy form associated with the well and ENV-RCRA-QP-010.3, Land Application of Groundwater. ENV-RCRA-QP-010.3 implements the NMED-approved Notice of Intent Decision Tree for land application of drilling, development, rehabilitation, and sampling of purge water.

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

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

evaluate the appropriateness of the analytical methodologies, and measure the routine performance of the analytical laboratory.

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

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

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

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

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

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

4.2 Analytical Data

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

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

- All data
    - ❖ Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered unusable but are still reported.
    - ❖ Analytical laboratory QC results, including matrix spike and matrix spike duplicates, and field blanks, trip blanks, and equipment blanks are not included in the data set.
    - ❖ Field duplicates, reanalyses, and results from different analytical methods are reported.

- Radionuclides
    - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
    - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
    - ❖ Otherwise, all results are reported at all locations.
- Nonradionuclides
    - ❖ All detected results are reported.

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

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

- The base-flow monitoring locations are assigned to one of two screening categories—perennial or ephemeral. Along with a hardness value, this category determines the screening levels used for data at each monitoring location. Hardness-dependent screening levels used to screen data at each base-flow monitoring location are determined using the geometric mean of hardness data (mg/L as calcium carbonate) collected from 2006 to 2010 at each location. Hardness-dependent acute and chronic criteria were used for total aluminum and dissolved cadmium, chromium, copper, lead, manganese, nickel, silver, and zinc in accordance with the requirements of 20 New Mexico Administrative Code (NMAC) 6.4.900.
- Surface-water and groundwater perchlorate data were compared with the screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order.
- Other groundwater data are screened to groundwater cleanup levels described in Section VIII.A.1 of the Consent Order; for an individual substance, the lesser of the EPA MCL or the NMWQCC groundwater standard is used.
- If an NMWQCC standard or an MCL has not been established for a specific substance for which toxicological information is published, the EPA regional screening levels for tap water (formerly Region 6 screening levels for tap water) are used as the groundwater cleanup level. These screening levels are for either a cancer- or noncancer-risk type. The Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels are for 10^{-6} excess cancer risk, so 10 times the EPA 10^{-6} screening levels are used for screening. This report was prepared using the June 2015 EPA regional screening levels.
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. EPA MCLs are applied to both filtered and unfiltered sample results.

- The analytical results for radioactivity are compared with the DOE Biota Concentration Guides (BCGs) for surface water and Derived Concentration Technical Standards (DCSs) for groundwater.

The results of data screening for this PMR are presented in Appendix D. This appendix shows all analytical results greater than half the lowest applicable screening levels. Results with a best value flag of N are included in Appendix D but not discussed in the text.

Table 4.2-2 provides groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that are above screening levels. Multiple detections are included in the table except for field duplicate exceedances. For example, if aluminum was detected above a screening level in both a primary sample and a field duplicate, only the primary sample result is shown. If aluminum was detected above a screening level in two primary samples, both results are shown.

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

No analytes from the current PME exceeded their screening level at more than one sampling location, so no maps showing concentrations are included.

4.2.1 Surface Water (Base Flow)

No results from previous sampling of PME surface-water monitoring locations are reported in this PMR. No results from surface-water locations sampled during the current PME were above applicable screening levels.

4.2.2 Groundwater

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

For the current PME, the filtered chloride concentration of 317 mg/L at alluvial well 18-MW-18 was above the 250-mg/L NMWQCC groundwater standard screening level. Earlier chloride concentrations measured at this well since 2006 range from 51.3 mg/L to 354 mg/L.

The unfiltered 1,4-dioxane concentration of 232 µg/L at intermediate well 03-B-13 was above the 4.6-µg/L EPA tap water screening level. Earlier concentrations from sampling events since 2006 range from 6.22 µg/L to 919 µg/L. The unfiltered 1,1,1-trichloroethane concentration of 68.5 µg/L at well 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 16.5-pCi/L gross-alpha activity at regional well R-19 screen 3 (S3) was above the 15-pCi/L EPA MCL screening level. This is the only detected result out of eight measurements from the well screen to date.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Pajarito watershed portion of the General Surveillance monitoring group are proposed at this time.

5.0 SUMMARY AND INTERPRETATIONS

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

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

5.2.2 Groundwater

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

For results above screening levels, except for the gross-alpha result at R-19 screen 3, the types of contaminants detected and their concentrations are consistent with data reported from previous PMEs in this monitoring group.

5.3 Data Gaps

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

5.4 Remediation System Monitoring

Remediation system monitoring is not applicable to the Pajarito watershed portion of the General Surveillance monitoring group because no systems are installed in the monitoring group area.

6.0 REFERENCES

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID or ESH ID. This information is also included in text citations. ER IDs were assigned by the Environmental Programs Directorate's Records Processing Facility (IDs through 599999), and ESH IDs are assigned by the Environment, Safety, and Health (ESH) Directorate (IDs 600000 and above). IDs are used to locate documents in the Laboratory's Electronic Document Management System and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the ESH 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 2005. "Investigation Report for Material Disposal Area G, Consolidated Unit 54-013(b)-99, at Technical Area 54," Los Alamos National Laboratory document LA-UR-05-6398, Los Alamos, New Mexico. (LANL 2005, 090513)

LANL (Los Alamos National Laboratory), March 2006. "Investigation Report for Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Revision 1," Los Alamos National Laboratory document LA-UR-06-1564, Los Alamos, New Mexico. (LANL 2006, 091888)

LANL (Los Alamos National Laboratory), May 2007. "Addendum to the Investigation Report for Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54," Los Alamos National Laboratory document LA-UR-07-3214, Los Alamos, New Mexico. (LANL 2007, 096409)

LANL (Los Alamos National Laboratory), August 2009. "Pajarito Canyon Investigation Report, Revision 1," Los Alamos National Laboratory document LA-UR-09-4670, Los Alamos, New Mexico. (LANL 2009, 106939)

LANL (Los Alamos National Laboratory), September 2011. "Corrective Measures Evaluation Report for Material Disposal Area L, Solid Waste Management Unit 54-006, at Technical Area 54, Revision 2," Los Alamos National Laboratory document LA-UR-11-4798, Los Alamos, New Mexico. (LANL 2011, 205756)

LANL (Los Alamos National Laboratory), September 2011. "Corrective Measures Evaluation Report for Material Disposal Area H, Solid Waste Management Unit 54-004, at Technical Area 54, Revision 1," Los Alamos National Laboratory document LA-UR-11-5079, Los Alamos, New Mexico. (LANL 2011, 206319)

LANL (Los Alamos National Laboratory), September 2011. "Corrective Measures Evaluation Report for Material Disposal Area G, Solid Waste Management Unit 54-013(b)-99, at Technical Area 54, Revision 3," Los Alamos National Laboratory document LA-UR-11-4910, Los Alamos, New Mexico. (LANL 2011, 206324)

LANL (Los Alamos National Laboratory), May 2014. "Interim Facility-Wide Groundwater Monitoring Plan for the 2015 Monitoring Year, October 2014–September 2015," Los Alamos National Laboratory document LA-UR-14-23327, Los Alamos, New Mexico. (LANL 2014, 256728)

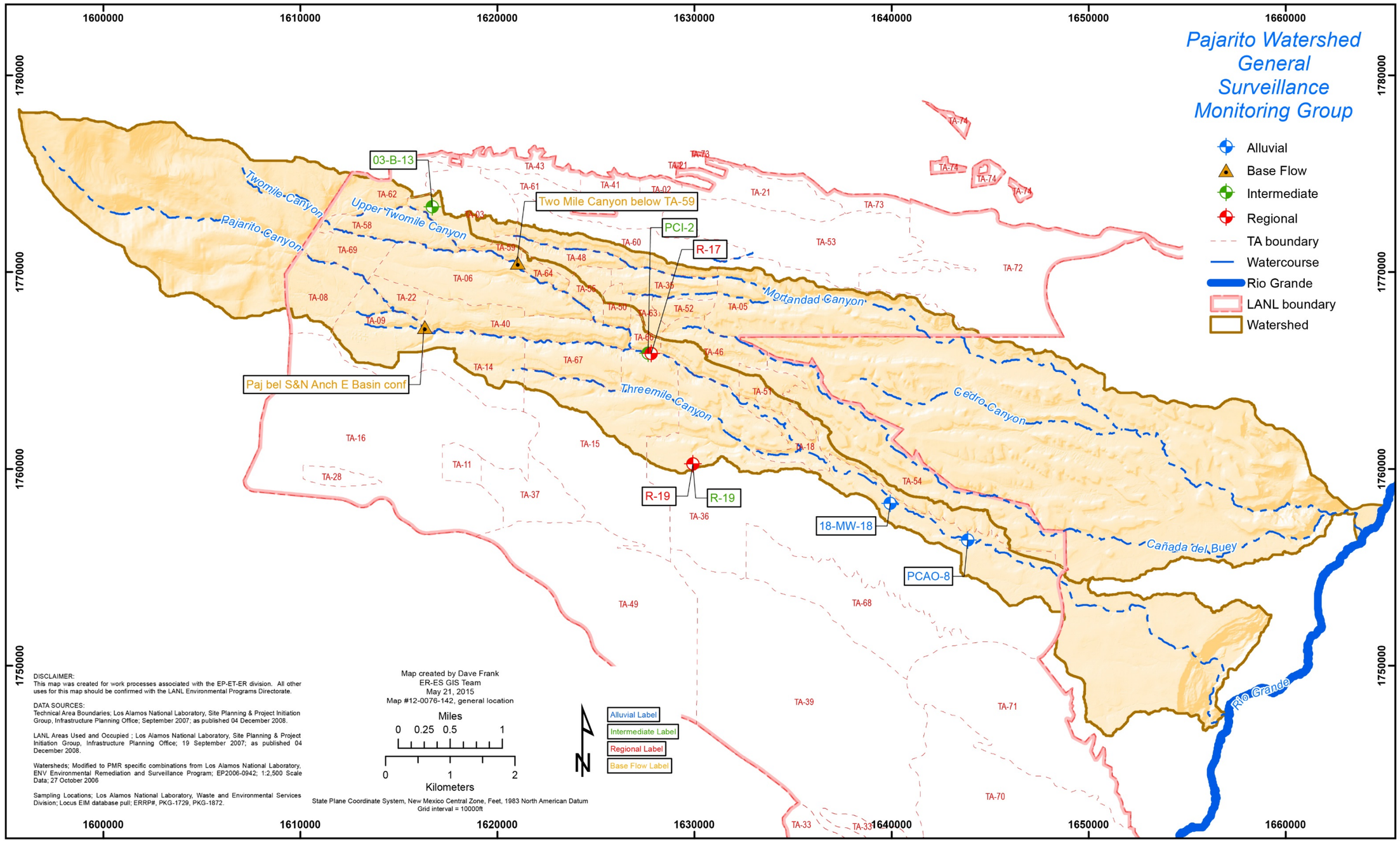


Figure 2.0-1 Locations scheduled to be monitored for this PME (see Table 3.4-1)

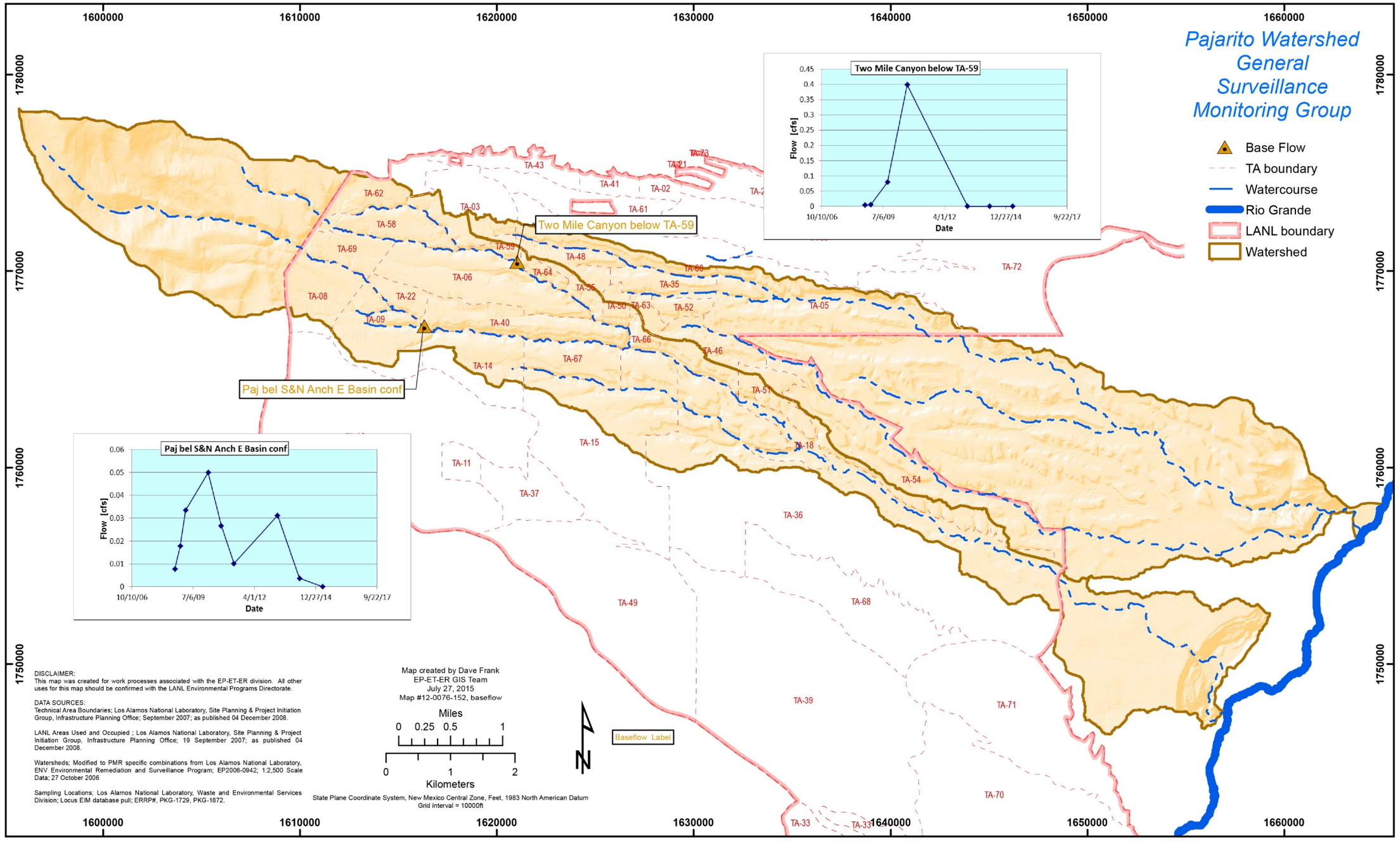


Figure 3.3-1 Base-flow measurements

Table 2.0-1
Pajarito Watershed General Surveillance
Monitoring Group Locations and General Information

Location Name	Sample Collection Date	Screen Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[a])
Base Flow							
Paj bel S&N Anch E Basin conf	n/a[b]	n/a	n/a	n/a	n/a	n/a	n/a
Two Mile Canyon below TA-59	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Alluvial							
18-MW-18	04/21/15	10.5	12.5	23	1.7	2.9	0.26
PCAO-8	n/a	9.7	10	19.7	n/a	n/a	n/a
Intermediate							
03-B-13	04/17/15	10	21.5	31.5	1.1	3.3	0.03
PCI-2	04/06/15	10	512	522	21.05	64.8	0.48
R-19 S2	04/13/15	16.3	893.3	909.6	n/a	n/a	n/a
Regional							
R-17 S1	04/20/15	23	1057	1080	51.8	155.8	1.9
R-17 S2	04/20/15	10	1124	1134	28.7	129	2.16
R-19 S3	04/14/15	44	1171.4	1215.4	n/a	n/a	n/a
R-19 S4	04/15/15	7.2	1410.2	1417.4	n/a	n/a	n/a

[a] gpm = Gallons per minute.

[b] n/a = Not applicable.

Table 3.4-1
Pajarito Watershed General Surveillance
Monitoring Group PME Observations and Deviations

Location	Deviation	Cause	Comment
Paj bel S&N Anch E Basin conf	No samples collected	Site was dry	This location will be sampled during the next scheduled PME.
Two Mile Canyon below TA-59	No samples collected	Site was dry	This location will be sampled during the next scheduled PME.
PCAO-8	No samples collected	Site was dry	This location will be sampled during the next scheduled PME.
03-B-13	Prioritized suite collected	A prioritized suite was collected until the well went dry.	n/a*
R-17 S1	A partial set of water-level measurements was plotted for the current PME.	Equipment failure prevented representative water-level data collection from 01/24/14 to 02/09/15.	A new transducer was installed on 02/09/15.
R-19 S2, S3, S4	A partial set of water-level measurements was plotted for the current PME.	R-19 transducers were removed for sampling from 04/01/15 to 05/01/15.	Transducers were reinstalled on 05/01/15.

*n/a = Not applicable.

Table 3.4-2
Target Analytes with MDLs above Screening Levels for Current PME

Analyte Name	MDL	Analytical Method	Screening Level	Unit	Screening-Level Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	3.16–3.19	SW-846:8270D	3	µg/L	DOE DW DCS[a]	GELC[b]
Azobenzene	3–3.19	SW-846:8270D	1.2	µg/L	DOE DW DCS	GELC
Benzidine	0.25–4.15	SW-846:8270D	0.0011	µg/L	DOE DW DCS	SHEALY[c], GELC
Bis(2-chloroethyl)ether	0.15–3.19	SW-846:8270D	0.14	µg/L	DOE DW DCS	SHEALY, GELC
Dichlorobenzidine[3,3'-]	3–3.19	SW-846:8270D	1.2	µg/L	DOE DW DCS	GELC
Dinitro-2-methylphenol[4,6-]	1.7–3.19	SW-846:8270D	1.5	µg/L	DOE DW DCS	SHEALY, GELC
Hexachlorobenzene	3–3.19	SW-846:8270D	1	µg/L	DOE DW DCS	GELC
Nitrosodiethylamine[N-]	0.53–3.19	SW-846:8270D	0.0017	µg/L	DOE DW DCS	SHEALY, GELC
Nitrosodimethylamine[N-]	0.1–3.19	SW-846:8270D	0.00112	µg/L	DOE DW DCS	SHEALY, GELC
Nitroso-di-n-butylamine[N-]	0.21–3.19	SW-846:8270D	0.027	µg/L	DOE DW DCS	SHEALY, GELC
Nitroso-di-n-propylamine[N-]	3–3.19	SW-846:8270D	0.11	µg/L	DOE DW DCS	GELC
Nitrosopyrrolidine[N-]	3–3.19	SW-846:8270D	0.37	µg/L	DOE DW DCS	GELC
Volatile Organic Compounds						
Acrolein	0.96–1.5	SW-846:8260B	0.042	µg/L	DOE DW DCS	SHEALY, GELC
Acrylonitrile	1–1.2	SW-846:8260B	0.52	µg/L	DOE DW DCS	GELC, SHEALY
Chloro-1,3-butadiene[2-]	0.2	SW-846:8260B	0.19	µg/L	DOE DW DCS	GELC
Trichloropropane[1,2,3-]	0.3–0.33	SW-846:8260B	0.0075	µg/L	DOE DW DCS	GELC, SHEALY

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

[a] DOE DW DCS = U.S. Department of Energy Drinking Water Derived Concentration Technical Standard.

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

[c] SHEALY = Shealy Environmental Services, Inc.

Table 3.4-3
Target Analytes with MDLs below Screening Levels for Current PME

Analyte Name	MDL	Analytical Method	Screening Level	Unit	Screening-Level Type	Lab ID
Herbicides						
Pentachlorophenol	0.0859–0.105	SW-846:8270D	1	µg/L	DOE DW DCS[a]	GELC[b]
Semivolatile Organic Compounds						
Atrazine	0.2–3	SW-846:8270D	3	µg/L	DOE DW DCS	GELC, SHEALY
Azobenzene	0.16–0.19	SW-846:8270D	1.2	µg/L	DOE DW DCS	SHEALY[c]
Benzo(a)anthracene	0.0168–0.0183	SW-846:8270D	0.12	µg/L	DOE DW DCS	GELC
Benzo(a)pyrene	0.0168–0.0183	SW-846:8270D	0.2	µg/L	DOE DW DCS	GELC
Benzo(b)fluoranthene	0.0168–0.0183	SW-846:8270D	0.34	µg/L	DOE DW DCS	GELC
Bis(2-chloroethyl)ether	0.13	SW-846:8270D	0.14	µg/L	DOE DW DCS	SHEALY
Dibenz(a,h)anthracene	0.0168–0.0183	SW-846:8270D	0.034	µg/L	DOE DW DCS	GELC
Dichlorobenzidine[3,3'-]	0.81–0.96	SW-846:8270D	1.2	µg/L	DOE DW DCS	SHEALY
Dinitro-2-methylphenol[4,6-]	1.5	SW-846:8270D	1.5	µg/L	DOE DW DCS	SHEALY
Hexachlorobenzene	0.21–0.25	SW-846:8270D	1	µg/L	DOE DW DCS	SHEALY
Indeno(1,2,3-cd)pyrene	0.0168–0.0183	SW-846:8270D	0.34	µg/L	DOE DW DCS	GELC
Nitroso-di-n-propylamine[N-]	0.08–0.095	SW-846:8270D	0.11	µg/L	DOE DW DCS	SHEALY
Nitrosopyrrolidine[N-]	0.26–0.31	SW-846:8260B	0.37	µg/L	DOE DW DCS	SHEALY
Oxybis(1-chloropropane)[2,2'-]	0.08–3.19	SW-846:8260B	3.6	µg/L	DOE DW DCS	GELC, SHEALY
Volatile Organic Compounds						
Chloro-1,3-butadiene[2-]	0.15	SW-846:8260B	0.19	µg/L	DOE DW DCS	SHEALY
Dibromo-3-Chloropropane[1,2-]	0.00566–0.00618	SW-846:8011; SW-846:8260B	0.2	µg/L	DOE DW DCS	GELC
Dibromoethane[1,2-]	0.00566–0.00618	SW-846:8011; SW-846:8260B	0.05	µg/L	DOE DW DCS	GELC
Methacrylonitrile	0.31–1	SW-846:8260B	1.9	µg/L	DOE DW DCS	GELC, SHEALY

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

[a] DOE DW DCS = U.S. Department of Energy Drinking Water Derived Concentration Technical Standard.

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

[c] SHEALY = Shealy Environmental Services, Inc.

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

Standard Source	Standard Type	Groundwater	Surface Water
DOE Order 458.1	DOE BCGs	n/a[a]	X[b]
DOE Order 458.1	DOE 100-mrem Public Dose DCS	X	n/a
DOE Order 458.1	DOE 4-mrem Drinking Water DCS	X	n/a
40 CFR[c] 141	EPA Primary Drinking Water Standard	X	n/a
EPA Regional Screening Levels for Chemical Contaminants at Superfund Sites	EPA Regional Screening Levels for Tap Water	X	n/a
20 NMAC.3.4	New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
20 NMAC 6.2.3103	NMWQCC Groundwater Standard	X	n/a
20 NMAC 6.4.900.C	NMWQCC Irrigation Standard	n/a	X
20 NMAC 6.4.900.F	NMWQCC Livestock Watering Standard	n/a	X
20 NMAC 6.4.900.G	NMWQCC Wildlife Habitat Standard	n/a	X
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Acute	n/a	X[d,e]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Standards Chronic	n/a	X[d,e]
20 NMAC 6.4.900.H	NMWQCC Aquatic Life Human Health Standard	n/a	X

[a] n/a = Not applicable.

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

[c] CFR = Code of Federal Regulations.

[d] Hardness-based standards for total recoverable aluminum and dissolved chromium(III) conservatively compared to results for total aluminum and dissolved chromium, respectively.

[e] Standard for dissolved chromium(VI) conservatively compared to results for dissolved chromium.

Table 4.2-2
Pajarito Watershed General Surveillance Monitoring Group Groundwater Results above Screening Levels

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening Level	Screening-Level Type
Alluvial Groundwater							
18-MW-18	04/21/15	Chloride	F[a]	317	mg/L	250	NMWQCC Groundwater Standard
Intermediate Groundwater							
03-B-13	04/17/15	Dioxane[1,4-]	UF[b]	232	µg/L	4.6	EPA Tap Water Screening Level
03-B-13	04/17/15	Trichloroethane[1,1,1-]	UF	68.5	µg/L	60	NMWQCC Groundwater Standard
Regional Groundwater							
R-19 S3	04/14/15	Gross alpha	UF	16.5	pCi/L	15	EPA MCL

[a] F = Filtered.

[b] UF = Unfiltered.

Appendix A

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

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
03-B-13	21.5	04/17/15	WG[a]	Dissolved Oxygen	0.79	mg/L	CAPA-15-93432
03-B-13	21.5	10/14/14	WG	Dissolved Oxygen	0.99	mg/L	CAPA-14-87121
03-B-13	21.5	04/14/14	WG	Dissolved Oxygen	2.94	mg/L	CAPA-14-56383
03-B-13	21.5	12/19/13	WG	Dissolved Oxygen	0.45	mg/L	CAPA-14-49315
03-B-13	21.5	12/16/13	WG	Dissolved Oxygen	0.5	mg/L	CAPA-14-49316
03-B-13	21.5	04/17/15	WG	Flow (in gpm[b])	0.03	gpm	CAPA-15-93432
03-B-13	21.5	10/14/14	WG	Flow (in gpm)	0.05	gpm	CAPA-14-87121
03-B-13	21.5	04/14/14	WG	Flow (in gpm)	0.05	gpm	CAPA-14-56383
03-B-13	21.5	10/21/11	WG	Flow (in gpm)	0.08	gpm	CAPA-12-1132
03-B-13	21.5	07/11/11	WG	Flow (in gpm)	0.1	gpm	CAPA-11-22661
03-B-13	21.5	04/17/15	WG	Oxidation-Reduction Potential	194	mV	CAPA-15-93432
03-B-13	21.5	10/14/14	WG	Oxidation-Reduction Potential	45	mV	CAPA-14-87121
03-B-13	21.5	04/14/14	WG	Oxidation-Reduction Potential	240.9	mV	CAPA-14-56383
03-B-13	21.5	12/19/13	WG	Oxidation-Reduction Potential	142.6	mV	CAPA-14-49315
03-B-13	21.5	12/16/13	WG	Oxidation-Reduction Potential	196.5	mV	CAPA-14-49316
03-B-13	21.5	04/17/15	WG	pH	5.85	SU[c]	CAPA-15-93432
03-B-13	21.5	10/14/14	WG	pH	5.71	SU	CAPA-14-87121
03-B-13	21.5	04/14/14	WG	pH	5.8	SU	CAPA-14-56383
03-B-13	21.5	12/19/13	WG	pH	5.97	SU	CAPA-14-49315
03-B-13	21.5	12/16/13	WG	pH	5.32	SU	CAPA-14-49316
03-B-13	21.5	04/17/15	WG	Specific Conductance	719	µS/cm	CAPA-15-93432
03-B-13	21.5	10/14/14	WG	Specific Conductance	270	µS/cm	CAPA-14-87121
03-B-13	21.5	04/14/14	WG	Specific Conductance	242	µS/cm	CAPA-14-56383
03-B-13	21.5	12/19/13	WG	Specific Conductance	208	µS/cm	CAPA-14-49315
03-B-13	21.5	12/16/13	WG	Specific Conductance	192	µS/cm	CAPA-14-49316
03-B-13	21.5	04/17/15	WG	Temperature	13.11	deg C	CAPA-15-93432
03-B-13	21.5	10/14/14	WG	Temperature	14.66	deg C	CAPA-14-87121
03-B-13	21.5	04/14/14	WG	Temperature	12.52	deg C	CAPA-14-56383

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
03-B-13	21.5	12/19/13	WG	Temperature	12.63	deg C	CAPA-14-49315
03-B-13	21.5	12/16/13	WG	Temperature	13.58	deg C	CAPA-14-49316
03-B-13	21.5	04/17/15	WG	Turbidity	5.5	NTU[d]	CAPA-15-93432
03-B-13	21.5	10/14/14	WG	Turbidity	49.4	NTU	CAPA-14-87121
03-B-13	21.5	04/14/14	WG	Turbidity	56.1	NTU	CAPA-14-56383
03-B-13	21.5	12/19/13	WG	Turbidity	45.5	NTU	CAPA-14-49315
03-B-13	21.5	12/16/13	WG	Turbidity	48	NTU	CAPA-14-49316
18-MW-18	12.5	04/21/15	WG	Dissolved Oxygen	7.72	mg/L	CAPA-15-93433
18-MW-18	12.5	04/18/14	WG	Dissolved Oxygen	7.77	mg/L	CAPA-14-56384
18-MW-18	12.5	04/23/13	WG	Dissolved Oxygen	4.27	mg/L	CAPA-13-29663
18-MW-18	12.5	04/30/12	WG	Dissolved Oxygen	7.27	mg/L	CAPA-12-13278
18-MW-18	12.5	07/26/10	WG	Dissolved Oxygen	14.34	mg/L	CAPA-10-24037
18-MW-18	12.5	04/21/15	WG	Flow (in gpm)	0.26	gpm	CAPA-15-93433
18-MW-18	12.5	04/18/14	WG	Flow (in gpm)	0.24	gpm	CAPA-14-56384
18-MW-18	12.5	05/29/09	WG	Flow (in gpm)	0.26	gpm	CAPA-09-9327
18-MW-18	12.5	03/02/09	WG	Flow (in gpm)	0.26	gpm	CAPA-09-4115
18-MW-18	12.5	12/11/08	WG	Flow (in gpm)	0.17	gpm	CAPA-09-1131
18-MW-18	12.5	04/21/15	WG	Oxidation-Reduction Potential	145.9	mV	CAPA-15-93433
18-MW-18	12.5	04/18/14	WG	Oxidation-Reduction Potential	152.4	mV	CAPA-14-56384
18-MW-18	12.5	04/23/13	WG	Oxidation-Reduction Potential	181	mV	CAPA-13-29663
18-MW-18	12.5	04/30/12	WG	Oxidation-Reduction Potential	125.2	mV	CAPA-12-13278
18-MW-18	12.5	07/26/10	WG	Oxidation-Reduction Potential	188.1	mV	CAPA-10-24037
18-MW-18	12.5	04/21/15	WG	pH	6.6	SU	CAPA-15-93433
18-MW-18	12.5	04/18/14	WG	pH	6.51	SU	CAPA-14-56384
18-MW-18	12.5	04/23/13	WG	pH	6.54	SU	CAPA-13-29663
18-MW-18	12.5	04/30/12	WG	pH	6.76	SU	CAPA-12-13278
18-MW-18	12.5	07/26/10	WG	pH	6.51	SU	CAPA-10-24037
18-MW-18	12.5	04/21/15	WG	Specific Conductance	1345	µS/cm	CAPA-15-93433

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
18-MW-18	12.5	04/18/14	WG	Specific Conductance	1190	µS/cm	CAPA-14-56384
18-MW-18	12.5	04/23/13	WG	Specific Conductance	831	µS/cm	CAPA-13-29663
18-MW-18	12.5	04/30/12	WG	Specific Conductance	146.7	µS/cm	CAPA-12-13278
18-MW-18	12.5	07/26/10	WG	Specific Conductance	635	µS/cm	CAPA-10-24037
18-MW-18	12.5	04/21/15	WG	Temperature	12.52	deg C	CAPA-15-93433
18-MW-18	12.5	04/18/14	WG	Temperature	12.41	deg C	CAPA-14-56384
18-MW-18	12.5	04/23/13	WG	Temperature	13.01	deg C	CAPA-13-29663
18-MW-18	12.5	04/30/12	WG	Temperature	11.93	deg C	CAPA-12-13278
18-MW-18	12.5	07/26/10	WG	Temperature	13.62	deg C	CAPA-10-24037
18-MW-18	12.5	04/21/15	WG	Turbidity	2.2	NTU	CAPA-15-93433
18-MW-18	12.5	04/18/14	WG	Turbidity	42.8	NTU	CAPA-14-56384
18-MW-18	12.5	04/23/13	WG	Turbidity	910	NTU	CAPA-13-29663
18-MW-18	12.5	04/30/12	WG	Turbidity	1.86	NTU	CAPA-12-13278
18-MW-18	12.5	07/26/10	WG	Turbidity	3.94	NTU	CAPA-10-24037
PCI-2	512	04/06/15	WG	Dissolved Oxygen	8.29	mg/L	CAPA-15-93436
PCI-2	512	10/27/14	WG	Dissolved Oxygen	8.07	mg/L	CAPA-14-89328
PCI-2	512	04/08/14	WG	Dissolved Oxygen	8.24	mg/L	CAPA-14-56387
PCI-2	512	04/15/13	WG	Dissolved Oxygen	8.16	mg/L	CAPA-13-29666
PCI-2	512	04/24/12	WG	Dissolved Oxygen	8.23	mg/L	CAPA-12-13281
PCI-2	512	04/06/15	WG	Flow (in gpm)	0.48	gpm	CAPA-15-93436
PCI-2	512	10/27/14	WG	Flow (in gpm)	0.47	gpm	CAPA-14-89328
PCI-2	512	04/08/14	WG	Flow (in gpm)	0.47	gpm	CAPA-14-56387
PCI-2	512	07/22/11	WG	Flow (in gpm)	0.49	gpm	CAPA-11-22851
PCI-2	512	05/06/11	WG	Flow (in gpm)	0.5	gpm	CAPA-11-9283
PCI-2	512	04/06/15	WG	Oxidation-Reduction Potential	114	mV	CAPA-15-93436
PCI-2	512	10/27/14	WG	Oxidation-Reduction Potential	162	mV	CAPA-14-89328
PCI-2	512	04/08/14	WG	Oxidation-Reduction Potential	131	mV	CAPA-14-56387
PCI-2	512	04/15/13	WG	Oxidation-Reduction Potential	235.5	mV	CAPA-13-29666

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
PCI-2	512	04/24/12	WG	Oxidation-Reduction Potential	134.8	mV	CAPA-12-13281
PCI-2	512	04/06/15	WG	pH	6.74	SU	CAPA-15-93436
PCI-2	512	10/27/14	WG	pH	7.15	SU	CAPA-14-89328
PCI-2	512	04/08/14	WG	pH	7.45	SU	CAPA-14-56387
PCI-2	512	04/15/13	WG	pH	7.08	SU	CAPA-13-29666
PCI-2	512	04/24/12	WG	pH	7.33	SU	CAPA-12-13281
PCI-2	512	04/06/15	WG	Specific Conductance	110	µS/cm	CAPA-15-93436
PCI-2	512	10/27/14	WG	Specific Conductance	109	µS/cm	CAPA-14-89328
PCI-2	512	04/08/14	WG	Specific Conductance	107	µS/cm	CAPA-14-56387
PCI-2	512	04/15/13	WG	Specific Conductance	105	µS/cm	CAPA-13-29666
PCI-2	512	04/24/12	WG	Specific Conductance	107	µS/cm	CAPA-12-13281
PCI-2	512	04/06/15	WG	Temperature	13.64	deg C	CAPA-15-93436
PCI-2	512	10/27/14	WG	Temperature	13.65	deg C	CAPA-14-89328
PCI-2	512	04/08/14	WG	Temperature	13.84	deg C	CAPA-14-56387
PCI-2	512	04/15/13	WG	Temperature	13.42	deg C	CAPA-13-29666
PCI-2	512	04/24/12	WG	Temperature	13.46	deg C	CAPA-12-13281
PCI-2	512	04/06/15	WG	Turbidity	0.1	NTU	CAPA-15-93436
PCI-2	512	10/27/14	WG	Turbidity	1	NTU	CAPA-14-89328
PCI-2	512	04/08/14	WG	Turbidity	0.6	NTU	CAPA-14-56387
PCI-2	512	04/15/13	WG	Turbidity	0.4	NTU	CAPA-13-29666
PCI-2	512	04/24/12	WG	Turbidity	0.35	NTU	CAPA-12-13281
R-17 S1	1057	04/20/15	WG	Dissolved Oxygen	6.49	mg/L	CAPA-15-93437
R-17 S1	1057	04/02/14	WG	Dissolved Oxygen	7.15	mg/L	CAPA-14-56388
R-17 S1	1057	04/25/13	WG	Dissolved Oxygen	7.39	mg/L	CAPA-13-29667
R-17 S1	1057	05/02/12	WG	Dissolved Oxygen	7.2	mg/L	CAPA-12-13282
R-17 S1	1057	05/02/12	WG	Dissolved Oxygen	7.2	mg/L	CAPA-12-13292
R-17 S1	1057	07/27/11	WG	Dissolved Oxygen	7.55	mg/L	CAPA-11-22871
R-17 S1	1057	04/20/15	WG	Flow (in gpm)	1.9	gpm	CAPA-15-93437

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-17 S1	1057	04/02/14	WG	Flow (in gpm)	2.2	gpm	CAPA-14-56388
R-17 S1	1057	07/27/11	WG	Flow (in gpm)	2.2	gpm	CAPA-11-22871
R-17 S1	1057	04/27/11	WG	Flow (in gpm)	2.1	gpm	CAPA-11-9288
R-17 S1	1057	01/20/11	WG	Flow (in gpm)	2	gpm	CAPA-11-2982
R-17 S1	1057	04/20/15	WG	Oxidation-Reduction Potential	103.4	mV	CAPA-15-93437
R-17 S1	1057	04/02/14	WG	Oxidation-Reduction Potential	67	mV	CAPA-14-56388
R-17 S1	1057	04/25/13	WG	Oxidation-Reduction Potential	140.2	mV	CAPA-13-29667
R-17 S1	1057	05/02/12	WG	Oxidation-Reduction Potential	137.9	mV	CAPA-12-13282
R-17 S1	1057	05/02/12	WG	Oxidation-Reduction Potential	137.9	mV	CAPA-12-13292
R-17 S1	1057	07/27/11	WG	Oxidation-Reduction Potential	123.1	mV	CAPA-11-22871
R-17 S1	1057	04/20/15	WG	pH	7.4	SU	CAPA-15-93437
R-17 S1	1057	04/02/14	WG	pH	7.77	SU	CAPA-14-56388
R-17 S1	1057	04/25/13	WG	pH	7.88	SU	CAPA-13-29667
R-17 S1	1057	05/02/12	WG	pH	7.75	SU	CAPA-12-13282
R-17 S1	1057	05/02/12	WG	pH	7.75	SU	CAPA-12-13292
R-17 S1	1057	07/27/11	WG	pH	7.95	SU	CAPA-11-22871
R-17 S1	1057	04/20/15	WG	Specific Conductance	126	µS/cm	CAPA-15-93437
R-17 S1	1057	04/02/14	WG	Specific Conductance	124	µS/cm	CAPA-14-56388
R-17 S1	1057	04/25/13	WG	Specific Conductance	127	µS/cm	CAPA-13-29667
R-17 S1	1057	05/02/12	WG	Specific Conductance	123	µS/cm	CAPA-12-13282
R-17 S1	1057	05/02/12	WG	Specific Conductance	123	µS/cm	CAPA-12-13292
R-17 S1	1057	07/27/11	WG	Specific Conductance	130	µS/cm	CAPA-11-22871
R-17 S1	1057	04/20/15	WG	Temperature	18.26	deg C	CAPA-15-93437
R-17 S1	1057	04/02/14	WG	Temperature	21.37	deg C	CAPA-14-56388
R-17 S1	1057	04/25/13	WG	Temperature	20.52	deg C	CAPA-13-29667
R-17 S1	1057	05/02/12	WG	Temperature	22.15	deg C	CAPA-12-13282
R-17 S1	1057	05/02/12	WG	Temperature	22.15	deg C	CAPA-12-13292
R-17 S1	1057	07/27/11	WG	Temperature	22.07	deg C	CAPA-11-22871

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-17 S1	1057	04/20/15	WG	Turbidity	3.99	NTU	CAPA-15-93437
R-17 S1	1057	04/02/14	WG	Turbidity	1.3	NTU	CAPA-14-56388
R-17 S1	1057	04/25/13	WG	Turbidity	127	NTU	CAPA-13-29667
R-17 S1	1057	05/02/12	WG	Turbidity	0.7	NTU	CAPA-12-13282
R-17 S1	1057	05/02/12	WG	Turbidity	0.7	NTU	CAPA-12-13292
R-17 S1	1057	07/27/11	WG	Turbidity	0.81	NTU	CAPA-11-22871
R-17 S2	1124	04/20/15	WG	Dissolved Oxygen	6.6	mg/L	CAPA-15-93438
R-17 S2	1124	04/02/14	WG	Dissolved Oxygen	6.5	mg/L	CAPA-14-56389
R-17 S2	1124	04/25/13	WG	Dissolved Oxygen	6.61	mg/L	CAPA-13-29668
R-17 S2	1124	05/02/12	WG	Dissolved Oxygen	6.52	mg/L	CAPA-12-13283
R-17 S2	1124	05/02/12	WG	Dissolved Oxygen	6.52	mg/L	CAPA-12-13293
R-17 S2	1124	07/27/11	WG	Dissolved Oxygen	6.45	mg/L	CAPA-11-22876
R-17 S2	1124	04/20/15	WG	Flow (in gpm)	2.16	gpm	CAPA-15-93438
R-17 S2	1124	04/02/14	WG	Flow (in gpm)	2.2	gpm	CAPA-14-56389
R-17 S2	1124	07/27/11	WG	Flow (in gpm)	2.3	gpm	CAPA-11-22876
R-17 S2	1124	04/27/11	WG	Flow (in gpm)	2.2	gpm	CAPA-11-9289
R-17 S2	1124	01/20/11	WG	Flow (in gpm)	2.1	gpm	CAPA-11-2984
R-17 S2	1124	04/20/15	WG	Oxidation-Reduction Potential	148.4	mV	CAPA-15-93438
R-17 S2	1124	04/02/14	WG	Oxidation-Reduction Potential	32.2	mV	CAPA-14-56389
R-17 S2	1124	04/25/13	WG	Oxidation-Reduction Potential	126.8	mV	CAPA-13-29668
R-17 S2	1124	05/02/12	WG	Oxidation-Reduction Potential	146.9	mV	CAPA-12-13283
R-17 S2	1124	05/02/12	WG	Oxidation-Reduction Potential	146.9	mV	CAPA-12-13293
R-17 S2	1124	07/27/11	WG	Oxidation-Reduction Potential	123.2	mV	CAPA-11-22876
R-17 S2	1124	04/20/15	WG	pH	7.95	SU	CAPA-15-93438
R-17 S2	1124	04/02/14	WG	pH	7.89	SU	CAPA-14-56389
R-17 S2	1124	04/25/13	WG	pH	7.93	SU	CAPA-13-29668
R-17 S2	1124	05/02/12	WG	pH	7.89	SU	CAPA-12-13283
R-17 S2	1124	05/02/12	WG	pH	7.89	SU	CAPA-12-13293

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-17 S2	1124	07/27/11	WG	pH	7.97	SU	CAPA-11-22876
R-17 S2	1124	04/20/15	WG	Specific Conductance	116	µS/cm	CAPA-15-93438
R-17 S2	1124	04/02/14	WG	Specific Conductance	117	µS/cm	CAPA-14-56389
R-17 S2	1124	04/25/13	WG	Specific Conductance	117	µS/cm	CAPA-13-29668
R-17 S2	1124	05/02/12	WG	Specific Conductance	118	µS/cm	CAPA-12-13283
R-17 S2	1124	05/02/12	WG	Specific Conductance	118	µS/cm	CAPA-12-13293
R-17 S2	1124	07/27/11	WG	Specific Conductance	122	µS/cm	CAPA-11-22876
R-17 S2	1124	04/20/15	WG	Temperature	21.18	deg C	CAPA-15-93438
R-17 S2	1124	04/02/14	WG	Temperature	20.88	deg C	CAPA-14-56389
R-17 S2	1124	04/25/13	WG	Temperature	20.94	deg C	CAPA-13-29668
R-17 S2	1124	05/02/12	WG	Temperature	21.96	deg C	CAPA-12-13283
R-17 S2	1124	05/02/12	WG	Temperature	21.96	deg C	CAPA-12-13293
R-17 S2	1124	07/27/11	WG	Temperature	22.03	deg C	CAPA-11-22876
R-17 S2	1124	04/20/15	WG	Turbidity	0.22	NTU	CAPA-15-93438
R-17 S2	1124	04/02/14	WG	Turbidity	0.3	NTU	CAPA-14-56389
R-17 S2	1124	04/25/13	WG	Turbidity	0.6	NTU	CAPA-13-29668
R-17 S2	1124	05/02/12	WG	Turbidity	0.28	NTU	CAPA-12-13283
R-17 S2	1124	05/02/12	WG	Turbidity	0.28	NTU	CAPA-12-13293
R-17 S2	1124	07/27/11	WG	Turbidity	0.35	NTU	CAPA-11-22876
R-19 S2	893.3	04/13/15	WG	Dissolved Oxygen	6.52	mg/L	CAPA-15-93439
R-19 S2	893.3	04/09/14	WG	Dissolved Oxygen	7.21	mg/L	CAPA-14-56390
R-19 S2	893.3	04/17/13	WG	Dissolved Oxygen	6.9	mg/L	CAPA-13-29669
R-19 S2	893.3	05/02/12	WG	Dissolved Oxygen	4.17	mg/L	CAPA-12-13284
R-19 S2	893.3	05/12/11	WG	Dissolved Oxygen	6.59	mg/L	CAPA-11-9564
R-19 S2	893.3	04/13/15	WG	pH	8.31	SU	CAPA-15-93439
R-19 S2	893.3	04/09/14	WG	pH	8.35	SU	CAPA-14-56390
R-19 S2	893.3	04/17/13	WG	pH	7.92	SU	CAPA-13-29669
R-19 S2	893.3	05/02/12	WG	pH	8.24	SU	CAPA-12-13284

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19 S2	893.3	05/12/11	WG	pH	8.27	SU	CAPA-11-9564
R-19 S2	893.3	04/13/15	WG	Specific Conductance	170	µS/cm	CAPA-15-93439
R-19 S2	893.3	04/09/14	WG	Specific Conductance	173	µS/cm	CAPA-14-56390
R-19 S2	893.3	04/17/13	WG	Specific Conductance	166	µS/cm	CAPA-13-29669
R-19 S2	893.3	05/02/12	WG	Specific Conductance	168	µS/cm	CAPA-12-13284
R-19 S2	893.3	05/12/11	WG	Specific Conductance	169	µS/cm	CAPA-11-9564
R-19 S2	893.3	04/13/15	WG	Temperature	17.77	deg C	CAPA-15-93439
R-19 S2	893.3	04/09/14	WG	Temperature	18.94	deg C	CAPA-14-56390
R-19 S2	893.3	04/17/13	WG	Temperature	17.63	deg C	CAPA-13-29669
R-19 S2	893.3	05/02/12	WG	Temperature	20.29	deg C	CAPA-12-13284
R-19 S2	893.3	05/12/11	WG	Temperature	17.79	deg C	CAPA-11-9564
R-19 S2	893.3	04/13/15	WG	Turbidity	7.4	NTU	CAPA-15-93439
R-19 S2	893.3	04/09/14	WG	Turbidity	4.1	NTU	CAPA-14-56390
R-19 S2	893.3	04/17/13	WG	Turbidity	5.4	NTU	CAPA-13-29669
R-19 S2	893.3	05/02/12	WG	Turbidity	0.3	NTU	CAPA-12-13284
R-19 S2	893.3	05/12/11	WG	Turbidity	0.44	NTU	CAPA-11-9564
R-19 S3	1171.4	04/14/15	WG	Dissolved Oxygen	7.14	mg/L	CAPA-15-93440
R-19 S3	1171.4	04/10/14	WG	Dissolved Oxygen	7.16	mg/L	CAPA-14-56391
R-19 S3	1171.4	04/16/13	WG	Dissolved Oxygen	5.19	mg/L	CAPA-13-29670
R-19 S3	1171.4	05/03/12	WG	Dissolved Oxygen	5.82	mg/L	CAPA-12-13285
R-19 S3	1171.4	07/20/11	WG	Dissolved Oxygen	4.69	mg/L	CAPA-11-22860
R-19 S3	1171.4	04/14/15	WG	pH	8.54	SU	CAPA-15-93440
R-19 S3	1171.4	04/10/14	WG	pH	8.31	SU	CAPA-14-56391
R-19 S3	1171.4	04/16/13	WG	pH	7.89	SU	CAPA-13-29670
R-19 S3	1171.4	05/03/12	WG	pH	7.94	SU	CAPA-12-13285
R-19 S3	1171.4	07/20/11	WG	pH	8.03	SU	CAPA-11-22860
R-19 S3	1171.4	04/14/15	WG	Specific Conductance	133	µS/cm	CAPA-15-93440
R-19 S3	1171.4	04/10/14	WG	Specific Conductance	143	µS/cm	CAPA-14-56391

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19 S3	1171.4	04/16/13	WG	Specific Conductance	134	µS/cm	CAPA-13-29670
R-19 S3	1171.4	05/03/12	WG	Specific Conductance	135	µS/cm	CAPA-12-13285
R-19 S3	1171.4	07/20/11	WG	Specific Conductance	140	µS/cm	CAPA-11-22860
R-19 S3	1171.4	04/14/15	WG	Temperature	20.03	deg C	CAPA-15-93440
R-19 S3	1171.4	04/10/14	WG	Temperature	19.81	deg C	CAPA-14-56391
R-19 S3	1171.4	04/16/13	WG	Temperature	19.17	deg C	CAPA-13-29670
R-19 S3	1171.4	05/03/12	WG	Temperature	20.59	deg C	CAPA-12-13285
R-19 S3	1171.4	07/20/11	WG	Temperature	23.85	deg C	CAPA-11-22860
R-19 S3	1171.4	04/14/15	WG	Turbidity	7.3	NTU	CAPA-15-93440
R-19 S3	1171.4	04/10/14	WG	Turbidity	6.3	NTU	CAPA-14-56391
R-19 S3	1171.4	04/16/13	WG	Turbidity	2.5	NTU	CAPA-13-29670
R-19 S3	1171.4	05/03/12	WG	Turbidity	0.36	NTU	CAPA-12-13285
R-19 S3	1171.4	07/20/11	WG	Turbidity	0.63	NTU	CAPA-11-22860
R-19 S4	1410.2	04/15/15	WG	Dissolved Oxygen	8.02	mg/L	CAPA-15-93441
R-19 S4	1410.2	04/11/14	WG	Dissolved Oxygen	7.23	mg/L	CAPA-14-56392
R-19 S4	1410.2	04/17/13	WG	Dissolved Oxygen	6.75	mg/L	CAPA-13-29671
R-19 S4	1410.2	05/07/12	WG	Dissolved Oxygen	7.58	mg/L	CAPA-12-13286
R-19 S4	1410.2	07/20/11	WG	Dissolved Oxygen	6.38	mg/L	CAPA-11-22864
R-19 S4	1410.2	04/15/15	WG	pH	7.99	SU	CAPA-15-93441
R-19 S4	1410.2	04/11/14	WG	pH	8.26	SU	CAPA-14-56392
R-19 S4	1410.2	04/17/13	WG	pH	8.12	SU	CAPA-13-29671
R-19 S4	1410.2	05/07/12	WG	pH	8.04	SU	CAPA-12-13286
R-19 S4	1410.2	07/20/11	WG	pH	8.05	SU	CAPA-11-22864
R-19 S4	1410.2	04/15/15	WG	Specific Conductance	117	µS/cm	CAPA-15-93441
R-19 S4	1410.2	04/11/14	WG	Specific Conductance	122	µS/cm	CAPA-14-56392
R-19 S4	1410.2	04/17/13	WG	Specific Conductance	113	µS/cm	CAPA-13-29671
R-19 S4	1410.2	05/07/12	WG	Specific Conductance	115	µS/cm	CAPA-12-13286
R-19 S4	1410.2	07/20/11	WG	Specific Conductance	120	µS/cm	CAPA-11-22864

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Unit	Sample
R-19 S4	1410.2	04/15/15	WG	Temperature	19.87	deg C	CAPA-15-93441
R-19 S4	1410.2	04/11/14	WG	Temperature	19.95	deg C	CAPA-14-56392
R-19 S4	1410.2	04/17/13	WG	Temperature	18.46	deg C	CAPA-13-29671
R-19 S4	1410.2	05/07/12	WG	Temperature	19.33	deg C	CAPA-12-13286
R-19 S4	1410.2	07/20/11	WG	Temperature	22.97	deg C	CAPA-11-22864
R-19 S4	1410.2	04/15/15	WG	Turbidity	8.7	NTU	CAPA-15-93441
R-19 S4	1410.2	04/11/14	WG	Turbidity	43.3	NTU	CAPA-14-56392
R-19 S4	1410.2	04/17/13	WG	Turbidity	5.2	NTU	CAPA-13-29671
R-19 S4	1410.2	05/07/12	WG	Turbidity	0.7	NTU	CAPA-12-13286
R-19 S4	1410.2	07/20/11	WG	Turbidity	0.71	NTU	CAPA-11-22864

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

Appendix B

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

Appendix C

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

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

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IS	internal standard
LAL	lower acceptance limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
LOC	level of chlorination
LSC	liquid scintillation counting
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	mononitroso-RDX (or hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)
MS	matrix spike
MSD	matrix spike duplicate
NM	NMWQCC
NMED	New Mexico Environmental Department
NMWQCC	New Mexico Water Quality Control Commission
OPR	ongoing precision recovery
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo-p-dioxin
PCDF	polychlorinated dibenzofuran
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
RRT	relative retention time
RT	retention time
Scr	screening
SDG	sample delivery group
SMO	Sample Management Office
SSC	suspended sediment concentration
SU	standard unit
TCDD	tetrachlorodibenzo-p-dioxin

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
TCDF	tetrachlorodibenzofuran
TDS	total dissolved solids
TPH-DRO	total petroleum hydrocarbons—diesel range organics
TNX	trinitroso-RDX (or hexahydro-1,3,5-trinitroso-1,3,5-triazine)
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
W	water
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
INIT	initial
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	equipment blank taken during installation and not associated with a sampling event
ITB	trip blank taken during installation and not associated with a sampling event
NA	not applicable
PEB	performance evaluation blank

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
PEK	performance evaluation known
REG	regular
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
Geninorg, GENINORG, General Chemistry	general inorganics
GRO	gasoline range organics
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
METALS, Metals	metals
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry
SVOC, SVOA	semivolatile organic compounds
VOC, VOA	volatile organic compounds
Detect Flag and Best Value Flag Codes	
N	no
Y	yes
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services, Inc.
CFA	Cape Fear Analytical, LLC, Wilmington, NC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field
GEL	General Engineering Laboratories, Inc.

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Lab Codes (continued)	
GELC	General Engineering Laboratories, Inc., Charleston, SC
GEO	Geochron Laboratories, Boston, MA
HENV	Health and Environmental Laboratory (Johnson Controls, Northern New Mexico)
HUFFMAN	Huffman Laboratories, Inc., Golden, CO
KA	KEMRON Environmental Services, Inc., Vienna, VA
LVLI	Lionville Laboratory, Inc., Philadelphia, PA
PARA	Paragon Analytics, Inc., Salt Lake City, UT
PEC	Pacific Ecorisk Laboratories, Fairfield, CA
QESL	Quanterra Environmental Services, St. Louis, MO
QST	QST Environmental, Newberry, FL
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Roy F. Weston, Inc., West Chester, PA
SGSW	Paradigm Analytical Laboratories, Inc., Wilmington, NC
SILENS	Stable Isotope Laboratory, Woods Hole, MA
STL2, STR	Severn Trent Laboratories, Inc., Richland, WA (historical)
STLA	Severn Trent Laboratories, Inc., Los Angeles, CA
STSL	Severn Trent Laboratories, Inc., St. Louis, MO
SwRI	Southwest Research Institute, San Antonio, TX
UAZ	University of Arizona, Tucson
UIL	University of Illinois, Urbana-Champaign
UMTL	University of Miami Tritium Lab

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.82	—	—	0.01	SU	Y	H	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.6	—	—	0.01	SU	Y	H	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.66	—	—	0.01	SU	Y	H	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.3	—	—	0.01	SU	Y	H	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.18	—	—	0.01	SU	Y	H	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.38	—	—	0.01	SU	Y	H	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	40.9	—	—	0.725	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.2	—	—	0.725	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	37.8	—	—	0.725	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	37.3	—	—	0.725	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	37.5	—	—	0.725	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43	—	—	0.725	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	163	—	—	1	µg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	81.5	—	—	1	µg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	57.5	—	—	1	µg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	59	—	—	1	µg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	53.2	—	—	1	µg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.2	—	—	15	µg/L	Y	J	J	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	45.7	—	—	15	µg/L	Y	J	J	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	41.4	—	—	15	µg/L	Y	J	J	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	42.2	—	—	15	µg/L	Y	J	J	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	33.2	—	—	15	µg/L	Y	J	J	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	38.9	—	—	15	µg/L	Y	J	J	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0933	—	—	0.067	mg/L	Y	J	J	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.067	mg/L	Y	U	U	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	32.4	—	—	0.05	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.61	—	—	0.05	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.82	—	—	0.05	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	7.4	—	—	0.05	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	4.15	—	—	0.05	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	164	—	—	3.35	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	50.1	—	—	0.67	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.9	—	—	0.67	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.9	—	—	0.67	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	30.1	—	—	0.335	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.8	—	—	0.134	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.39	—	—	0.3	µg/L	Y	J	J	2015-1068	CAPA-15-93432	GELC
03-B-13	21.5	10/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.43	—	—	0.3	µg/L	Y	HJ	J	2015-80	CAPA-14-87121	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.56	—	—	0.3	µg/L	Y	HJ	J	2014-3209	CAPA-14-56383	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.63	—	—	0.3	µg/L	Y	HJ	J	2014-3209	CAPA-14-56371	GELC
03-B-13	21.5	12/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	1	—	—	0.3	µg/L	Y	U	U	2014-2715	CAPA-14-49315	GELC
03-B-13	21.5	04/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	Y	0.53	—	—	0.3	µg/L	Y	J	J	2013-760	CAPA-13-29662	GELC
03-B-13	21.5	04/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	1.61	—	—	0.3	µg/L	Y	—	NQ	2015-1068	CAPA-15-93432	GELC
03-B-13	21.5	10/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	1.29	—	—	0.3	µg/L	Y	H	NQ	2015-80	CAPA-14-87121	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	21.5	04/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	1.66	—	—	0.3	µg/L	Y	H	NQ	2014-3209	CAPA-14-56383	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	1.56	—	—	0.3	µg/L	Y	H	NQ	2014-3209	CAPA-14-56371	GELC
03-B-13	21.5	12/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	1.18	—	—	0.3	µg/L	Y	—	NQ	2014-2715	CAPA-14-49315	GELC
03-B-13	21.5	04/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	Y	0.75	—	—	0.3	µg/L	Y	J	J	2013-760	CAPA-13-29662	GELC
03-B-13	21.5	04/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	1.61	—	—	0.3	µg/L	Y	—	NQ	2015-1068	CAPA-15-93432	GELC
03-B-13	21.5	10/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	0.85	—	—	0.3	µg/L	Y	HJ	J	2015-80	CAPA-14-87121	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	3.44	—	—	0.3	µg/L	Y	H	NQ	2014-3209	CAPA-14-56383	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	1	—	—	0.3	µg/L	Y	UH	U	2014-3209	CAPA-14-56371	GELC
03-B-13	21.5	12/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	2.04	—	—	0.3	µg/L	Y	—	NQ	2014-2715	CAPA-14-49315	GELC
03-B-13	21.5	04/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	Y	0.74	—	—	0.3	µg/L	Y	J	J	2013-760	CAPA-13-29662	GELC
03-B-13	21.5	04/17/15	WG	UF	DL	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	232	—	—	12.8	µg/L	Y	—	NQ	2015-1068	CAPA-15-93432	GELC
03-B-13	21.5	10/14/14	WG	UF	RE	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	21.5	—	—	3.06	µg/L	Y	—	NQ	2015-80	CAPA-14-87121	GELC
03-B-13	21.5	10/14/14	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	19.4	—	—	3.06	µg/L	N	—	J-	2015-80	CAPA-14-87121	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	33.9	—	—	3	µg/L	Y	—	NQ	2014-3209	CAPA-14-56383	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	29	—	—	3.13	µg/L	Y	—	NQ	2014-3209	CAPA-14-56371	GELC
03-B-13	21.5	12/19/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	38.5	—	—	3.13	µg/L	Y	—	NQ	2014-2715	CAPA-14-49315	GELC
03-B-13	21.5	04/23/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dioxane[1,4-]	123-91-1	Y	6.22	—	—	3	µg/L	Y	J	J	2013-760	CAPA-13-29662	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0987	—	—	0.033	mg/L	Y	J	J	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0988	—	—	0.033	mg/L	Y	J	J	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0925	—	—	0.033	mg/L	Y	J	J	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.072	—	—	0.033	mg/L	Y	J	J	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.131	—	—	0.033	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.141	—	—	0.033	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	108	—	—	0.453	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.9	—	—	0.453	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.1	—	—	0.453	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.1	—	—	0.453	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	27.2	—	—	0.453	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	15	—	—	0.453	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.86	—	—	0.11	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	0.11	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.46	—	—	0.11	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.57	—	—	0.11	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.12	—	—	0.11	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	1.14	—	—	0.11	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	5.5	—	—	2	µg/L	Y	J	J	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	19	—	—	2	µg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.22	—	—	2	µg/L	Y	J	J	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.83	—	—	2	µg/L	Y	J	J	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	19.5	—	—	2	µg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	10.4	—	—	2	µg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.338	—	—	0.165	µg/L	Y	J	J	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.667	—	—	0.165	µg/L	Y	—	J	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.367	—	—	0.165	µg/L	Y	J	J	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.366	—	—	0.165	µg/L	Y	J	J	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.745	—	—	0.165	µg/L	Y	—	U	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.165	µg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.21	—	—	0.5	µg/L	Y	J	J	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.23	—	—	0.5	µg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.73	—	—	0.5	µg/L	Y	J	J	2014-3209	CAPA-14-56394	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.77	—	—	0.5	µg/L	Y	J	J	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.03	—	—	0.5	µg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.2	—	—	0.5	µg/L	Y	J	J	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.51	—	—	0.085	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.307	—	—	0.017	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.529	—	—	0.017	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.561	—	—	0.017	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.303	—	—	0.017	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.12	—	—	0.017	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.141	—	—	0.05	µg/L	Y	J	J	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.177	—	—	0.05	µg/L	Y	J	J	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.388	—	—	0.05	µg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.382	—	—	0.05	µg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.0678	—	—	0.05	µg/L	Y	J	J	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.265	—	—	0.05	µg/L	Y	—	NQ	12-1236	CAPA-12-13287	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	8.6	—	—	0.05	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.5	—	—	0.05	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.35	—	—	0.05	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	5.43	—	—	0.05	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.95	—	—	0.05	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.4	—	—	0.05	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	11.1	—	—	0.053	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.6	—	—	0.053	mg/L	Y	—	J+	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	18.2	—	—	0.053	mg/L	Y	N	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	19.8	—	—	0.053	mg/L	Y	N	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	35.4	—	—	0.053	mg/L	Y	N	J+	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	45.4	—	—	0.053	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	80.1	—	—	0.1	mg/L	Y	—	J+	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	34	—	—	0.1	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	28.9	—	—	0.1	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	29.5	—	—	0.1	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	26.2	—	—	0.1	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	23.6	—	—	0.1	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	674	—	—	3.63	uS/cm	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259	—	—	3.63	uS/cm	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	—	—	1	uS/cm	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	232	—	—	1	uS/cm	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	uS/cm	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	uS/cm	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	194	—	—	1	µg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.7	—	—	1	µg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	39.4	—	—	1	µg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	23.8	—	—	1	µg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.6	—	—	0.133	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.04	—	—	0.133	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.71	—	—	0.133	mg/L	Y	—	NQ	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.67	—	—	0.133	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.97	—	—	0.133	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.37	—	—	0.133	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	344	—	—	3.4	mg/L	Y	—	NQ	2015-1068	CAPA-15-93469	GELC
03-B-13	21.5	10/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2015-80	CAPA-14-87122	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	J	2014-3209	CAPA-14-56394	GELC
03-B-13	21.5	04/14/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	2014-3209	CAPA-14-56373	GELC
03-B-13	21.5	12/16/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2014-2694	CAPA-14-49316	GELC
03-B-13	21.5	04/23/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2013-760	CAPA-13-29673	GELC
03-B-13	21.5	04/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	68.5	—	—	0.3	µg/L	Y	—	NQ	2015-1068	CAPA-15-93432	GELC
03-B-13	21.5	10/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	72.3	—	—	0.3	µg/L	Y	H	NQ	2015-80	CAPA-14-87121	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	97.4	—	—	0.3	µg/L	Y	H	NQ	2014-3209	CAPA-14-56383	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	95.2	—	—	0.3	µg/L	Y	H	NQ	2014-3209	CAPA-14-56371	GELC
03-B-13	21.5	12/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	52.9	—	—	0.3	µg/L	Y	—	NQ	2014-2715	CAPA-14-49315	GELC
03-B-13	21.5	04/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	Y	48.2	—	—	0.3	µg/L	Y	—	NQ	2013-760	CAPA-13-29662	GELC
03-B-13	21.5	04/17/15	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.53	—	—	0.3	µg/L	Y	J	J	2015-1068	CAPA-15-93432	GELC
03-B-13	21.5	10/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.58	—	—	0.3	µg/L	Y	HJ	J	2015-80	CAPA-14-87121	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.72	—	—	0.3	µg/L	Y	HJ	J	2014-3209	CAPA-14-56383	GELC
03-B-13	21.5	04/14/14	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.66	—	—	0.3	µg/L	Y	HJ	J	2014-3209	CAPA-14-56371	GELC
03-B-13	21.5	12/19/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.51	—	—	0.3	µg/L	Y	J	J	2014-2715	CAPA-14-49315	GELC
03-B-13	21.5	04/23/13	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.41	—	—	0.3	µg/L	Y	J	J	2013-760	CAPA-13-29662	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.22	—	—	0.01	SU	Y	H	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.78	—	—	0.01	SU	Y	H	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.99	—	—	0.01	SU	Y	H	J-	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.85	—	—	0.01	SU	Y	H	J-	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	0.725	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	0.725	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.9	—	—	0.725	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.4	—	—	0.73	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.73	mg/L	Y	—	NQ	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00519	0.0064	0.0398	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.0086	0.0439	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0156	0.0136	0.0746	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00191	0.0018	0.036	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00457	0.0034	0.032	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00286	0.0016	0.03	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	462	—	—	1	µg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	441	—	—	1	µg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	322	—	—	1	µg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	531	—	—	1	µg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	257	—	—	1	µg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	27.3	—	—	15	µg/L	Y	J	J	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	32	—	—	15	µg/L	Y	J	J	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	25.1	—	—	15	µg/L	Y	J	J	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	26.9	—	—	15	µg/L	Y	J	J	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	30.6	—	—	15	µg/L	Y	J	J	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.193	—	—	0.067	mg/L	Y	J	J	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.137	—	—	0.067	mg/L	Y	J	J	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0915	—	—	0.067	mg/L	Y	J	J	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	U	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.2	—	—	0.066	mg/L	Y	U	UJ	09-3117	CAPA-09-12141	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	66.1	—	—	0.05	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	65	—	—	0.05	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	53.8	—	—	0.05	mg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	80.5	—	—	0.05	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	39.8	—	—	0.05	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.58	1.78	5.21	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.89	1.49	5.05	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.23	1.3	5.12	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.52	1.7	6.2	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.97	1.5	4.5	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.608	1.2	4.2	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	317	—	—	6.7	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	300	—	—	3.35	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	354	—	—	3.35	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	179	—	—	1.3	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	275	—	—	1.3	mg/L	Y	—	NQ	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.71	2.15	7.46	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.862	1.32	5.75	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.3	1.56	6.84	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.07	1.6	5	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.21	1.2	4.1	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.819	1.5	5	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	UF	RE	REG	SVOC	SW-846:8310	Dibenz(a,h)anthracene	53-70-3	N	0.0526	—	—	0.0168	µg/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	SVOC	SW-846:8310	Dibenz(a,h)anthracene	53-70-3	Y	0.0238	—	—	0.0168	µg/L	N	J	J	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Dibenz(a,h)anthracene	53-70-3	N	0.0532	—	—	0.017	µg/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Dibenz(a,h)anthracene	53-70-3	Y	0.0238	—	—	0.017	µg/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/23/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dibenz(a,h)anthracene	53-70-3	N	1.15	—	—	0.345	µg/L	Y	U	UJ	2013-760	CAPA-13-29663	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dibenz(a,h)anthracene	53-70-3	N	1.08	—	—	0.22	µg/L	Y	U	U	10-3871	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	SVOC	SW-846:8270C	Dibenz(a,h)anthracene	53-70-3	N	1.1	—	—	0.22	µg/L	Y	U	U	09-3116	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	SVOC	SW-846:8270C	Dibenz(a,h)anthracene	53-70-3	N	1.27	—	—	0.25	µg/L	Y	U	U	09-3116	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0815	—	—	0.033	mg/L	Y	J	J	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0578	—	—	0.033	mg/L	Y	J	J	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.117	—	—	0.033	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	J-	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.956	3.19	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	21.2	2.06	4.23	—	pCi/L	Y	—	NQ	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0645	0.64	2.95	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.93	2.9	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.65	1.2	2.9	—	pCi/L	Y	—	NQ	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	16.1	1.24	3.42	—	pCi/L	Y	—	J	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	19.6	1.64	4.75	—	pCi/L	Y	—	NQ	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.12	1.04	2.99	—	pCi/L	Y	—	NQ	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.32	1	2.3	—	pCi/L	Y	—	NQ	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.42	2.4	6.7	—	pCi/L	Y	—	NQ	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	247	—	—	0.453	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	244	—	—	0.453	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	203	—	—	0.453	mg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	302	—	—	0.453	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	149	—	—	0.35	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	19.9	—	—	0.11	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	19.8	—	—	0.11	mg/L	Y	N	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	16.8	—	—	0.11	mg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	24.4	—	—	0.11	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	12.1	—	—	0.085	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.165	µg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.834	—	—	0.165	µg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.165	µg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.767	—	—	0.165	µg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.1	µg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.19	4.03	13.9	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.56	3.09	11.6	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.17	2.91	10.4	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.06	2.9	10	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.25	10	33	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	16.8	14	42	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.858	—	—	0.5	µg/L	Y	J	J	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.75	—	—	0.5	µg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.56	—	—	0.5	µg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	3.26	—	—	0.5	µg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.89	—	—	0.5	µg/L	Y	J	J	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.28	—	—	0.17	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.99	—	—	0.17	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.13	—	—	0.085	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	—	0.05	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.05	mg/L	Y	—	NQ	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.224	—	—	0.05	µg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.321	—	—	0.05	µg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.171	—	—	0.05	µg/L	Y	J	J	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.211	—	—	0.05	µg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.162	—	—	0.05	µg/L	Y	J	J	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0038	0.0304	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00212	0.0056	0.0251	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00278	0.0039	0.0431	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00213	0.0056	0.019	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.002	0.002	0.035	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0192	0.0068	0.028	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00566	0.0073	0.0459	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00848	0.0079	0.0375	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00278	0.0062	0.0366	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.009	0.031	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0023	0.032	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00401	0.004	0.039	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	8.48	—	—	0.05	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	8.48	—	—	0.05	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	7.04	—	—	0.05	mg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	8.99	—	—	0.05	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	6.42	—	—	0.05	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.8	19	79.4	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	33.5	17.6	70	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.0763	20.4	74.6	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.41	26	95	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.82	24	51	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	12	19	60	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	30.3	—	—	0.053	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.6	—	—	0.053	mg/L	Y	N	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	31.9	—	—	0.053	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	33.5	—	—	0.053	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34.1	—	—	0.053	mg/L	Y	—	NQ	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	137	—	—	0.1	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	125	—	—	0.1	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	76.9	—	—	0.1	mg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	143	—	—	0.1	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	94.7	—	—	0.1	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.58	1.9	6.31	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.613	1.96	6.62	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.245	1.37	5.37	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.705	1.7	5.8	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.73	1.6	4.4	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.567	1.2	3.9	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1280	—	—	3.63	uS/cm	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1190	—	—	1	uS/cm	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1440	—	—	1	uS/cm	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	839	—	—	1	uS/cm	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1250	—	—	1	uS/cm	Y	—	NQ	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	511	—	—	1	µg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	480	—	—	1	µg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	390	—	—	1	µg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	576	—	—	1	µg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	283	—	—	1	µg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.134	0.137	0.468	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.307	0.121	0.486	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.158	0.13	0.48	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0241	0.13	0.48	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0582	0.089	0.3	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.258	0.099	0.35	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32	—	—	0.266	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	29.4	—	—	6.65	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33.6	—	—	0.133	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	20.1	—	—	0.1	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	784	—	—	3.4	mg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	777	—	—	3.4	mg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	834	—	—	3.4	mg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	481	—	—	2.4	mg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	09/02/09	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	717	—	—	2.4	mg/L	Y	—	J	09-3117	CAPA-09-12141	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0691	—	—	0.033	mg/L	Y	J	J	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.19	—	—	0.033	mg/L	Y	—	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0425	—	—	0.035	mg/L	Y	J	J	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.079	—	—	0.033	mg/L	Y	J	J	10-3871	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.169	—	—	0.033	mg/L	Y	—	U	09-3116	CAPA-09-12142	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	09-3116	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.55	—	—	0.33	mg/L	Y	—	J-	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.18	—	—	0.33	mg/L	Y	—	J	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.52	—	—	0.33	mg/L	Y	—	NQ	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.19	—	—	0.33	mg/L	Y	—	NQ	10-3871	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.09	—	—	0.33	mg/L	Y	—	NQ	09-3116	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.11	—	—	0.33	mg/L	Y	—	NQ	09-3116	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.298	—	—	0.067	µg/L	Y	—	NQ	2015-1082	CAPA-15-93470	GELC
18-MW-18	12.5	04/18/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.266	—	—	0.067	µg/L	Y	—	NQ	2014-3244	CAPA-14-56395	GELC
18-MW-18	12.5	04/23/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.244	—	—	0.067	µg/L	Y	—	NQ	2013-760	CAPA-13-29674	GELC
18-MW-18	12.5	04/30/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	NQ	12-1254	CAPA-12-13288	GELC
18-MW-18	12.5	07/26/10	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.252	—	—	0.05	µg/L	Y	—	NQ	10-3872	CAPA-10-24037	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.17	0.0201	0.0462	—	pCi/L	Y	—	NQ	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.397	0.0319	0.0487	—	pCi/L	Y	—	NQ	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.339	0.0348	0.0558	—	pCi/L	Y	—	NQ	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.132	0.021	0.075	—	pCi/L	Y	—	NQ	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.905	0.081	0.096	—	pCi/L	Y	—	NQ	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.826	0.076	0.1	—	pCi/L	Y	—	NQ	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00501	0.0087	0.0296	—	pCi/L	Y	U	U	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0269	0.0108	0.0348	—	pCi/L	Y	U	U	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0103	0.0091	0.0399	—	pCi/L	Y	U	U	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0161	0.0086	0.036	—	pCi/L	Y	U	U	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0316	0.012	0.052	—	pCi/L	Y	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0292	0.012	0.048	—	pCi/L	Y	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	12.5	04/21/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0871	0.0147	0.039	—	pCi/L	Y	—	NQ	2015-1082	CAPA-15-93433	GELC
18-MW-18	12.5	04/18/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.281	0.0263	0.0404	—	pCi/L	Y	—	J	2014-3244	CAPA-14-56384	GELC
18-MW-18	12.5	04/30/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.221	0.0273	0.0282	—	pCi/L	Y	—	NQ	12-1254	CAPA-12-13278	GELC
18-MW-18	12.5	07/26/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.109	0.019	0.046	—	pCi/L	Y	—	NQ	10-3872	CAPA-10-24036	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.528	0.054	0.052	—	pCi/L	Y	—	NQ	09-3118	CAPA-09-12142	GELC
18-MW-18	12.5	09/02/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.499	0.051	0.048	—	pCi/L	Y	—	NQ	09-3118	CAPA-09-12138	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.6	—	—	0.725	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.8	—	—	0.725	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.2	—	—	0.725	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.9	—	—	0.725	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.6	—	—	0.725	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00446	0.0063	0.0342	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00282	0.0075	0.0434	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00632	0.007	0.0368	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0212	0.0959	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00662	0.0046	0.041	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0152	0.011	0.042	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.127	—	—	0.017	mg/L	Y	—	J	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0681	—	—	0.017	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0525	—	—	0.017	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0403	—	—	0.017	mg/L	Y	J	J	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.85	—	—	1	µg/L	Y	J	J	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	3.66	—	—	1	µg/L	Y	J	J	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	4.6	—	—	1	µg/L	Y	J	J	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4.23	—	—	1	µg/L	Y	J	J	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	4.56	—	—	1	µg/L	Y	J	J	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(g,h,i)perylene	191-24-2	Y	0.0301	—	—	0.0183	µg/L	Y	J	J-	2015-989	CAPA-15-93436	GELC
PCI-2	512	10/27/14	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.8	—	—	0.24	µg/L	Y	U	U	2015-161	CAPA-14-89328	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	SVOC	SW-846:8310	Benzo(g,h,i)perylene	191-24-2	N	0.0515	—	—	0.0165	µg/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(g,h,i)perylene	191-24-2	N	1	—	—	0.3	µg/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Benzo(g,h,i)perylene	191-24-2	Y	0.414	—	—	0.2	µg/L	Y	J	J	10-3956	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzo(g,h,i)perylene	191-24-2	N	1	—	—	0.2	µg/L	Y	U	U	10-3956	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.75	—	—	0.05	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.73	—	—	0.05	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.99	—	—	0.05	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.04	—	—	0.05	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.89	—	—	0.05	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.93	2.02	6.18	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.84	1.74	5.11	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	1.09	4.59	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.85	1.67	6.43	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0193	1.2	3.9	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.476	1.3	4.1	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.46	—	—	0.067	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.46	—	—	0.067	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.44	—	—	0.067	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.41	—	—	0.067	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.45	—	—	0.067	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.33	1.29	5.36	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.232	1.61	6.29	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.979	1.28	5.4	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.13	1.57	6.88	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.655	1.4	4.6	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0235	1.3	4.2	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.165	—	—	0.033	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.219	—	—	0.033	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.205	—	—	0.033	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.393	0.486	1.66	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0376	0.275	1.02	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.226	0.609	2.63	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.13	0.861	2.98	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.96	0.88	2.2	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.572	0.57	2.2	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.05	0.427	0.9	—	pCi/L	Y	—	NQ	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.263	0.323	1.08	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.5	0.79	2.58	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.0664	0.574	2.23	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.68	0.85	2.6	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.693	0.71	2.5	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.9	—	—	0.453	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.8	—	—	0.453	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.5	—	—	0.453	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.8	—	—	0.453	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.4	—	—	0.453	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.2	—	—	0.11	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.18	—	—	0.11	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.19	—	—	0.11	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.25	—	—	0.11	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.23	—	—	0.11	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.938	—	—	0.165	µg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.165	µg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.165	µg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.165	µg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.45	3.06	10.1	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.78	3.21	12.2	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.54	2.36	9.08	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.94	2.69	9.9	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.997	2.4	7	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.78	2.5	8.6	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.134	—	—	0.017	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.173	—	—	0.017	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.15	—	—	0.017	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.102	—	—	0.017	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.155	—	—	0.085	mg/L	Y	J	J	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.173	—	—	0.05	µg/L	Y	J	J	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.145	—	—	0.05	µg/L	Y	J	J	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.171	—	—	0.05	µg/L	Y	J	J	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.181	—	—	0.05	µg/L	Y	J	J	12-1241	CAPA-12-13291	GELC
PCI-2	512	07/22/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.169	—	—	0.05	µg/L	Y	J	J	11-2911	CAPA-11-22853	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00669	0.0085	0.0325	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0058	0.0345	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00835	0.0084	0.065	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00272	0.0047	0.0423	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00222	0.0031	0.02	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00256	0.0036	0.023	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00863	0.009	0.0496	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0165	0.0516	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00835	0.0084	0.0634	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00545	0.0055	0.0359	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00512	0.0051	0.037	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00665	0.0044	0.032	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.313	—	—	0.05	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.362	—	—	0.05	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.295	—	—	0.05	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.292	—	—	0.05	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.317	—	—	0.05	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.16	16.2	58.2	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.69	19.8	73.9	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22.5	16.2	61	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-30.2	16.4	59.2	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	31.4	19	43	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.4	18	64	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73	—	—	0.053	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0146	1.5	5.61	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.15	1.63	5.91	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.308	1.31	4.87	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.2	1.22	4.75	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.411	1.3	4.1	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.282	1.1	3.7	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	3.63	uS/cm	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	98.1	—	—	3.63	uS/cm	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	1	uS/cm	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	uS/cm	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	uS/cm	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	1	µg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	67.8	—	—	1	µg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	48.2	—	—	1	µg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0214	0.133	0.482	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.13	0.0804	0.265	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.166	0.118	0.399	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.25	0.147	0.485	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.153	0.14	0.49	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.189	0.11	0.49	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.53	—	—	0.133	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	—	0.133	mg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.64	—	—	0.133	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	—	—	0.133	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	—	0.133	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	81.4	—	—	3.4	mg/L	Y	—	J	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	78.6	—	—	3.4	mg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.106	—	—	0.033	mg/L	Y	—	J-	2015-989	CAPA-15-93436	GELC
PCI-2	512	10/27/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-161	CAPA-14-89328	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2014-3163	CAPA-14-56387	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
PCI-2	512	04/15/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-1241	CAPA-12-13281	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.551	0.695	2.311	—	pCi/L	Y	U	U	2015-1003	CAPA-15-93436	ARSL
PCI-2	512	10/27/14	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.694	0.873	2.903	—	pCi/L	Y	U	U	2015-183	CAPA-14-89328	ARSL
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.82	0.753	2.26	—	pCi/L	Y	U	U	2013-736	CAPA-13-29666	ARSL
PCI-2	512	07/22/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.2236	0.7084	2.3828	—	pCi/L	Y	U	U	11-2942	CAPA-11-22851	ARSL
PCI-2	512	05/06/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.8372	0.644	2.1252	—	pCi/L	Y	U	U	11-2438	CAPA-11-9283	ARSL
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.31	—	—	0.067	µg/L	Y	—	NQ	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.312	—	—	0.067	µg/L	Y	—	NQ	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.383	—	—	0.067	µg/L	Y	—	NQ	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.349	—	—	0.067	µg/L	Y	—	NQ	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.366	—	—	0.067	µg/L	Y	—	NQ	12-1241	CAPA-12-13291	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.173	0.0222	0.088	—	pCi/L	Y	—	J	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.266	0.029	0.0608	—	pCi/L	Y	—	J	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.0251	0.066	—	pCi/L	Y	—	NQ	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.147	0.0333	0.105	—	pCi/L	Y	—	NQ	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.183	0.03	0.11	—	pCi/L	Y	—	NQ	10-3958	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.229	0.039	0.12	—	pCi/L	Y	—	NQ	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0142	0.0085	0.035	—	pCi/L	Y	U	U	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0112	0.0099	0.0435	—	pCi/L	Y	U	U	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00998	0.0088	0.0405	—	pCi/L	Y	U	U	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0071	0.0743	—	pCi/L	Y	U	U	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0105	0.011	0.058	—	pCi/L	Y	U	U	10-3958	CAPA-10-24132	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00965	0.0069	0.053	—	pCi/L	Y	U	U	10-3958	CAPA-10-24136	GELC
PCI-2	512	04/06/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.0177	0.0391	—	pCi/L	Y	—	J	2015-989	CAPA-15-93436	GELC
PCI-2	512	04/08/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.13	0.0203	0.0504	—	pCi/L	Y	—	NQ	2014-3163	CAPA-14-56387	GELC
PCI-2	512	04/15/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.102	0.0174	0.037	—	pCi/L	Y	—	NQ	2013-728	CAPA-13-29666	GELC
PCI-2	512	04/24/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0921	0.0257	0.0524	—	pCi/L	Y	—	NQ	12-1241	CAPA-12-13281	GELC
PCI-2	512	08/02/10	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.14	0.026	0.068	—	pCi/L	Y	—	NQ	10-3958	CAPA-10-24136	GELC
PCI-2	512	08/02/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	0.029	0.074	—	pCi/L	Y	—	NQ	10-3958	CAPA-10-24132	GELC
PCI-2	512	04/06/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.14	—	—	1	µg/L	Y	J	J	2015-989	CAPA-15-93473	GELC
PCI-2	512	10/27/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.47	—	—	1	µg/L	Y	J	J	2015-161	CAPA-14-89329	GELC
PCI-2	512	04/08/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.46	—	—	1	µg/L	Y	J	J	2014-3163	CAPA-14-56398	GELC
PCI-2	512	04/15/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.58	—	—	1	µg/L	Y	J	J	2013-728	CAPA-13-29677	GELC
PCI-2	512	04/24/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.38	—	—	1	µg/L	Y	J	J	12-1241	CAPA-12-13291	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J-	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.2	—	—	0.725	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	0.725	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.9	—	—	0.725	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	0.725	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.9	—	—	0.725	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58	—	—	0.73	mg/L	Y	—	NQ	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.0064	0.0373	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0155	0.0097	0.0398	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00295	0.0066	0.0572	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00295	0.0051	0.0571	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0181	0.0113	0.0723	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00715	0.0104	0.0571	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00391	0.0052	0.037	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.7	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	37.4	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	36.9	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.8	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	3.16	—	—	3	µg/L	Y	J	J	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.3	—	—	3.09	µg/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	10	—	—	3	µg/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.9	—	—	3.26	µg/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.4	—	—	2.1	µg/L	Y	U	U	10-4001	CAPA-10-24093	GELC
R-17 S1	1057	03/08/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	11.4	—	—	2.3	µg/L	Y	U	U	10-2374	CAPA-10-12799	GELC
R-17 S1	1057	03/08/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.9	—	—	2.2	µg/L	Y	U	U	10-2374	CAPA-10-12798	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.7	—	—	0.05	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.96	—	—	0.05	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.8	—	—	0.05	mg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.461	1.49	5.5	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.72	1.37	4.65	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.69	1.4	5.06	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.835	1.63	6.03	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.04	1.59	5.4	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.71	1.78	6.98	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.31	1.6	4.5	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.97	—	—	0.067	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.95	—	—	0.067	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.94	—	—	0.067	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	—	0.066	mg/L	Y	—	NQ	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	Y	1.39	—	—	1	µg/L	Y	J	J	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2014-3110	CAPA-14-56399	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.185	1.7	6.69	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.84	1.46	5.8	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.442	1.02	4.16	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.02	1.32	4.91	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.75	1.81	7.5	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.48	1.5	6.24	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.92	1.2	4.3	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	—	0.033	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.211	—	—	0.033	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.221	—	—	0.033	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.574	0.563	2.83	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.163	0.641	2.81	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.58	0.792	2.3	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.05	1	1.88	—	pCi/L	Y	—	NQ	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.602	0.571	2.09	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.129	0.46	2	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.06	0.73	2.4	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.86	0.476	1.51	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.181	0.663	2.37	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.854	0.876	2.97	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.33	0.91	2.84	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.914	0.753	2.54	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.46	0.939	2.97	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.4	0.75	2.2	—	pCi/L	Y	—	NQ	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.453	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.1	—	—	0.453	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.3	—	—	0.453	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.7	—	—	0.45	mg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	353	—	—	30	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	123	—	—	30	µg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	82.7	—	—	30	µg/L	Y	J	J	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	81.9	—	—	30	µg/L	Y	J	J	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	Y	67.8	—	—	30	µg/L	Y	J	J	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Iron	Fe	Y	66.9	—	—	30	µg/L	Y	J	J	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.86	—	—	0.11	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.96	—	—	0.11	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.84	—	—	0.11	mg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	25.4	—	—	2	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.77	—	—	2	µg/L	Y	J	J	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.75	—	—	0.165	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.165	µg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.165	µg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.165	µg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.165	µg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.17	µg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	3.1	11.3	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.302	2.77	9.99	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.23	2.22	8.41	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.52	2.99	11	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.7	3.04	11.2	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.23	3.34	12	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.00379	2.8	9.4	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	59.7	—	—	0.5	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	8.97	—	—	0.5	µg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.13	—	—	0.5	µg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.19	—	—	0.5	µg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.84	—	—	0.5	µg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.69	—	—	0.5	µg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.226	—	—	0.017	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.23	—	—	0.017	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.172	—	—	0.017	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.176	—	—	0.017	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.297	—	—	0.17	mg/L	Y	J	J	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.248	—	—	0.085	mg/L	Y	J	J	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.238	—	—	0.05	mg/L	Y	J	J-	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.243	—	—	0.05	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.242	—	—	0.05	µg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.252	—	—	0.05	µg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.247	—	—	0.05	µg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.244	—	—	0.05	µg/L	Y	—	NQ	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	Y	3.62	—	—	3	µg/L	Y	J	J	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	10.3	—	—	3.09	µg/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	SVOC	SW-846:8270C	Phenol	108-95-2	N	10	—	—	3	µg/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	SVOC	SW-846:8270C	Phenol	108-95-2	N	10.9	—	—	3.26	µg/L	Y	U	U	2013-778	CAPA-13-29651	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Phenol	108-95-2	N	10.4	—	—	1	µg/L	Y	U	U	10-4001	CAPA-10-24093	GELC
R-17 S1	1057	03/08/10	WG	UF	INIT	FD	SVOC	SW-846:8270C	Phenol	108-95-2	N	11.4	—	—	1.1	µg/L	Y	U	U	10-2374	CAPA-10-12799	GELC
R-17 S1	1057	03/08/10	WG	UF	INIT	REG	SVOC	SW-846:8270C	Phenol	108-95-2	N	10.9	—	—	1.1	µg/L	Y	U	U	10-2374	CAPA-10-12798	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00809	0.007	0.0325	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0057	0.0336	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00351	0.0078	0.0521	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0038	0.0397	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0095	0.0465	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.0106	0.0413	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00435	0.0053	0.019	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00404	0.0081	0.0491	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0171	0.0099	0.0503	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.007	0.0628	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0053	0.0479	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00299	0.003	0.0394	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00266	0.0046	0.035	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00652	0.0058	0.032	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.65	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.48	—	—	0.05	mg/L	Y	—	J	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.9	21.4	70.8	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.61	17.4	68.5	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.72	15.5	52	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	33.8	15.8	71.5	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.93	20.1	75.5	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-29.3	20.7	77.2	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.7	21	67	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	J-	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.2	—	—	0.053	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.3	—	—	0.053	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.81	1.77	7.61	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.336	1.35	5.01	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.78	1.26	3.96	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.427	1.32	5.29	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.94	1.65	7.28	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.81	1.69	5.77	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.866	1.8	5.5	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	3.63	uS/cm	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	uS/cm	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	uS/cm	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	uS/cm	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	uS/cm	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	uS/cm	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	uS/cm	Y	—	NQ	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	41.5	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.3	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	44.1	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	43.7	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	44.7	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Strontium	Sr	Y	44.3	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	41.1	—	—	1	µg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0821	0.0983	0.354	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0441	0.0682	0.236	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.405	0.158	0.486	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.327	0.118	0.496	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.127	0.452	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0486	0.127	0.434	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0185	0.13	0.48	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.72	—	—	0.133	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.88	—	—	0.133	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.94	—	—	0.133	mg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.91	—	—	0.133	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.94	—	—	0.133	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.133	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.1	mg/L	Y	—	NQ	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	N	14.3	—	—	3.4	mg/L	Y	U	U	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	70	—	—	3.4	mg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	J	11-2953	CAPA-11-22872	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.44	—	—	0.33	mg/L	Y	—	J-	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.93	—	—	0.33	mg/L	Y	J	J	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.22	—	—	0.33	mg/L	Y	—	NQ	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.25	—	—	0.33	mg/L	Y	—	NQ	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.54	—	—	0.33	mg/L	Y	J	J	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.442	—	—	0.33	mg/L	Y	J	J	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	07/27/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-2953	CAPA-11-22871	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.857	0.669	2.177	—	pCi/L	Y	U	U	2015-1090	CAPA-15-93437	ARSL
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.108	0.629	2.138	—	pCi/L	Y	U	U	2013-791	CAPA-13-29667	ARSL
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.56	0.644	2.137	—	pCi/L	Y	U	U	2013-791	CAPA-13-29651	ARSL
R-17 S1	1057	07/27/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.4812	0.7084	2.3506	—	pCi/L	Y	U	U	11-3020	CAPA-11-22871	ARSL
R-17 S1	1057	04/27/11	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.0608	0.805	2.7048	—	pCi/L	Y	U	U	11-2264	CAPA-11-9288	ARSL
R-17 S1	1057	10/22/10	WG	UF	RE	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.1932	0.6762	2.254	—	pCi/L	Y	U	U	11-304	CAPA-10-26961	ARSL

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S1	1057	10/22/10	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.8676	0.7084	2.1574	—	pCi/L	N	U	R	11-304	CAPA-10-26961	ARSL
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.392	—	—	0.067	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.5	—	—	0.067	µg/L	Y	—	NQ	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.494	—	—	0.067	µg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.496	—	—	0.067	µg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.509	—	—	0.067	µg/L	Y	—	NQ	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.493	—	—	0.067	µg/L	Y	—	NQ	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.44	—	—	0.067	µg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.284	0.029	0.0617	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.408	0.0321	0.0494	—	pCi/L	Y	—	J	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.339	0.0277	0.0505	—	pCi/L	Y	—	NQ	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.337	0.0348	0.0751	—	pCi/L	Y	—	NQ	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.291	0.0364	0.0644	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.27	0.0369	0.0832	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.362	0.045	0.1	—	pCi/L	Y	—	NQ	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.01	0.0089	0.0396	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0182	0.0096	0.0353	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00816	0.0082	0.0234	—	pCi/L	Y	U	U	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00405	0.007	0.0349	—	pCi/L	Y	U	U	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0119	0.0104	0.046	—	pCi/L	Y	U	U	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00565	0.0057	0.059	—	pCi/L	Y	U	U	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.013	0.0075	0.048	—	pCi/L	Y	U	U	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.0233	0.0521	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93437	GELC
R-17 S1	1057	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.197	0.0225	0.041	—	pCi/L	Y	—	J	2014-3110	CAPA-14-56388	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.134	0.0177	0.0305	—	pCi/L	Y	—	NQ	2013-778	CAPA-13-29667	GELC
R-17 S1	1057	04/25/13	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.19	0.0258	0.0454	—	pCi/L	Y	—	NQ	2013-778	CAPA-13-29651	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.173	0.0265	0.0325	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13282	GELC
R-17 S1	1057	05/02/12	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.155	0.0274	0.0416	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13307	GELC
R-17 S1	1057	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.028	0.061	—	pCi/L	Y	—	NQ	10-4002	CAPA-10-24093	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.81	—	—	1	µg/L	Y	J	J	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.65	—	—	1	µg/L	Y	J	J	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.77	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.28	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.9	—	—	1	µg/L	Y	J	J	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.72	—	—	1	µg/L	Y	—	NQ	11-2212	CAPA-11-9287	GELC
R-17 S1	1057	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	29.2	—	—	3.3	µg/L	Y	—	NQ	2015-1073	CAPA-15-93474	GELC
R-17 S1	1057	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2014-3110	CAPA-14-56399	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-778	CAPA-13-29678	GELC
R-17 S1	1057	04/25/13	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-778	CAPA-13-29652	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.55	—	—	3.3	µg/L	Y	J	J	12-1274	CAPA-12-13292	GELC
R-17 S1	1057	05/02/12	WG	F	INIT	FD	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1274	CAPA-12-13308	GELC
R-17 S1	1057	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	11-2212	CAPA-11-9287	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	J-	11-2953	CAPA-11-22875	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.9	—	—	0.725	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.9	—	—	0.725	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.8	—	—	0.725	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.2	—	—	0.725	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.3	—	—	0.725	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.3	—	—	0.725	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.3	—	—	0.73	mg/L	Y	—	NQ	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0252	0.0101	0.043	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0074	0.04	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00837	0.0062	0.0429	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00284	0.0085	0.0438	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0038	0.0513	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00563	0.0154	0.0675	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00424	0.0028	0.039	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.5	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	29.7	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	30.9	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	38.1	—	—	1	µg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.59	—	—	0.05	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.76	—	—	0.05	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.41	—	—	0.05	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.53	—	—	0.05	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	8.91	—	—	0.05	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.12	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.93	2.23	7.15	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.31	1.79	6.28	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.391	1.77	6.28	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0279	1.57	5.74	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.311	1.5	5.46	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.58	1.78	7.35	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.29	1.6	5.5	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.7	—	—	0.067	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.7	—	—	0.067	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.74	—	—	0.067	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.75	—	—	0.067	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.7	—	—	0.067	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.7	—	—	0.067	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.67	—	—	0.066	mg/L	Y	—	NQ	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.49	—	—	2	µg/L	Y	J	J	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.55	—	—	2	µg/L	Y	J	J	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.55	—	—	2	µg/L	Y	J	J	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.29	—	—	2	µg/L	Y	J	J	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.1	—	—	2	µg/L	Y	J	J	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.99	—	—	2	µg/L	Y	J	J	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.05	2.16	6.58	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0379	1.69	6.63	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.45	1.34	4.67	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	5.13	1.74	7.12	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.2	1.45	5.07	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.27	1.72	6.72	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.33	1.8	5.5	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	—	0.033	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.163	—	—	0.033	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.15	—	—	0.033	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.556	0.584	2.93	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.3	0.885	2.97	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.865	0.757	2.69	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0589	0.6	2.87	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.83	0.983	2.19	—	pCi/L	Y	—	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.11	0.874	2.25	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.685	0.72	2.6	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.69	0.441	1.39	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	1.74	0.354	1.08	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.972	0.593	1.93	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.02	0.713	2.17	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.86	0.957	2.99	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.83	0.874	2.69	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.1	0.77	2.3	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.2	—	—	0.453	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.8	—	—	0.453	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.5	—	—	0.453	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.9	—	—	0.453	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.1	—	—	0.453	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.2	—	—	0.453	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.3	—	—	0.45	mg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.84	—	—	0.11	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.8	—	—	0.11	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.92	—	—	0.11	mg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.165	µg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.997	—	—	0.165	µg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.09	—	—	0.165	µg/L	Y	—	U	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	N	1.07	—	—	0.165	µg/L	Y	—	U	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.09	—	—	0.165	µg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.165	µg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.17	µg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.53	4.24	14.6	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-7.07	4.09	13.6	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.07	3.02	9.96	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.759	2.77	9.82	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.99	2.69	10.5	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.141	3.33	11.8	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.58	3.1	10	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.75	—	—	0.5	µg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.67	—	—	0.5	µg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.531	—	—	0.5	µg/L	Y	J	J	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.519	—	—	0.5	µg/L	Y	J	J	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.11	—	—	0.5	µg/L	Y	J	J	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.776	—	—	0.5	µg/L	Y	J	J	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.39	—	—	0.5	µg/L	Y	J	J	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.348	—	—	0.017	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.4	—	—	0.017	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.36	—	—	0.017	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.352	—	—	0.017	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.316	—	—	0.017	mg/L	Y	H	NQ	2013-778-2	CAPA-13-29679	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	326	—	—	8.5	mg/L	N	—	R	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.472	—	—	0.085	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.351	—	—	0.05	mg/L	Y	—	J-	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.24	—	—	0.05	µg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.243	—	—	0.05	µg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.242	—	—	0.05	µg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.259	—	—	0.05	µg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.247	—	—	0.05	µg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	—	0.05	µg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.257	—	—	0.05	µg/L	Y	—	NQ	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0019	0.0057	0.0306	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00401	0.007	0.0322	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.009	0.0532	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00274	0.0061	0.0324	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00333	0.0088	0.0495	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00338	0.0122	0.0525	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00994	0.0053	0.018	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0038	0.0076	0.0462	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00201	0.006	0.0487	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.018	0.0127	0.0796	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00274	0.0091	0.0485	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00333	0.0058	0.0597	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0068	0.0445	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00199	0.0053	0.029	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.33	—	—	0.05	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.37	—	—	0.05	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.49	—	—	0.05	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.54	—	—	0.05	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	2.57	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	J	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	31.7	27.9	116	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.43	25.5	95.8	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.3	16.6	63	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	16.9	25.5	49.1	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.65	19.4	55.3	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.91	16.7	67.5	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28	22	73	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	77	—	—	0.053	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	76.6	—	—	0.053	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	80.6	—	—	0.053	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	77.3	—	—	0.053	mg/L	Y	—	NQ	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.8	—	—	0.1	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.95	2.66	7.65	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.295	1.85	6.18	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.71	1.53	6.52	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.209	1.87	6.07	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.23	1.51	5.29	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.92	1.45	4.54	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0647	2	6.3	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	uS/cm	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	3.63	uS/cm	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	uS/cm	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	uS/cm	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	uS/cm	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	uS/cm	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111	—	—	1	uS/cm	Y	—	NQ	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	39.9	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	40.5	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	42	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	43	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	42.5	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	43.6	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	43.7	—	—	1	µg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.108	0.118	0.484	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.255	0.151	0.497	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.118	0.0627	0.225	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.172	0.07	0.227	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.000834	0.131	0.489	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.4	0.143	0.461	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.078	0.099	0.42	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.63	—	—	0.133	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.62	—	—	0.133	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.77	—	—	0.133	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.78	—	—	0.133	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.78	—	—	0.133	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.78	—	—	0.133	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.74	—	—	0.1	mg/L	Y	—	NQ	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	78.6	—	—	3.4	mg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	07/27/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	J	11-2953	CAPA-11-22875	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.434	—	—	0.067	µg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.558	—	—	0.067	µg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.459	—	—	0.067	µg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.439	—	—	0.067	µg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.452	—	—	0.067	µg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.442	—	—	0.067	µg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.489	—	—	0.067	µg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.317	0.0285	0.0539	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.3	0.0242	0.041	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.33	0.0273	0.0431	—	pCi/L	Y	—	NQ	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.303	0.0287	0.0499	—	pCi/L	Y	—	NQ	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.347	0.0316	0.0564	—	pCi/L	Y	—	NQ	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.245	0.0342	0.0583	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.353	0.044	0.1	—	pCi/L	Y	—	NQ	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0146	0.0113	0.0345	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00667	0.0067	0.0263	—	pCi/L	Y	U	U	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0238	0.0088	0.0308	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-2.56E-09	0.0106	0.0357	—	pCi/L	Y	U	U	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0182	0.0105	0.0262	—	pCi/L	Y	U	U	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0197	0.0147	0.0417	—	pCi/L	Y	U	U	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00438	0.0076	0.049	—	pCi/L	Y	U	U	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.0183	0.0455	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93438	GELC
R-17 S2	1124	04/20/15	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.122	0.0153	0.0346	—	pCi/L	Y	—	NQ	2015-1073	CAPA-15-93393	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.156	0.0191	0.0357	—	pCi/L	Y	—	NQ	2014-3110	CAPA-14-56389	GELC
R-17 S2	1124	04/02/14	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0216	0.0414	—	pCi/L	Y	—	NQ	2014-3110	CAPA-14-56372	GELC
R-17 S2	1124	04/25/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.133	0.0203	0.0341	—	pCi/L	Y	—	NQ	2013-778	CAPA-13-29668	GELC
R-17 S2	1124	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	0.0213	0.0294	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13283	GELC
R-17 S2	1124	08/04/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.145	0.026	0.062	—	pCi/L	Y	—	NQ	10-4002	CAPA-10-24097	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.09	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93475	GELC
R-17 S2	1124	04/20/15	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.9	—	—	1	µg/L	Y	—	NQ	2015-1073	CAPA-15-93397	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.25	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56400	GELC
R-17 S2	1124	04/02/14	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.85	—	—	1	µg/L	Y	—	NQ	2014-3110	CAPA-14-56374	GELC
R-17 S2	1124	04/25/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.96	—	—	1	µg/L	Y	—	NQ	2013-778	CAPA-13-29679	GELC
R-17 S2	1124	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	7.49	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13293	GELC
R-17 S2	1124	04/27/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	5.31	—	—	1	µg/L	Y	—	NQ	11-2212	CAPA-11-9291	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.79	—	—	0.01	SU	Y	H	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	J-	11-2407	CAPA-11-9565	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	J-	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	0.725	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.1	—	—	0.725	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.6	—	—	0.725	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	—	0.73	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.2	—	—	0.73	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0137	0.0108	0.0525	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00205	0.0103	0.0316	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00267	0.006	0.0466	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0282	0.0147	0.0616	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00952	0.0064	0.041	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.4	—	—	1	µg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.9	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15	—	—	15	µg/L	Y	J	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	Y	0.156	—	—	0.11	µg/L	Y	J	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Cadmium	Cd	N	1	—	—	0.11	µg/L	Y	U	U	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.18	1.36	4.75	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.07	1.36	4.6	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	8.74	2.36	6.42	—	pCi/L	Y	UI	R	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.604	1.9	6.11	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.95	1.4	4	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.89	—	—	0.067	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.92	—	—	0.066	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.78	—	—	0.066	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.67	2.96	6.27	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.908	1.5	6.31	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.869	1.67	6.06	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-5.35	1.52	4.89	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.561	1.5	5	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.532	—	—	0.033	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.538	—	—	0.033	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.572	—	—	0.033	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.567	—	—	0.033	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.503	—	—	0.033	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.7	0.657	1.13	—	pCi/L	Y	—	NQ	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.291	0.306	1.05	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.398	0.601	2.41	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.66	0.769	2.06	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.276	0.74	2.8	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.37	0.431	1.38	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.142	0.289	0.973	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.26	0.833	2.46	—	pCi/L	Y	—	NQ	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.708	0.798	2.72	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.11	0.64	2.3	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.2	—	—	0.453	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.5	—	—	0.453	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.2	—	—	0.453	mg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53	—	—	0.453	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.5	—	—	0.45	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.91	—	—	0.11	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.92	—	—	0.11	mg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.165	µg/L	Y	—	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.165	µg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.165	µg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.165	µg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.17	µg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.15	2.63	9.43	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.07	3.7	10.9	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.51	2.77	9.55	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.56	2.34	8.09	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.01	3	9.1	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.496	—	—	0.017	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.387	—	—	0.017	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.386	—	—	0.085	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.321	—	—	0.05	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.365	—	—	0.05	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.33	—	—	0.05	µg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.369	—	—	0.05	µg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00413	0.0051	0.0332	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00757	0.0098	0.0298	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00759	0.0104	0.0394	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00906	0.0068	0.0469	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0215	0.013	0.031	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00412	0.0065	0.0501	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00252	0.0076	0.0446	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00759	0.0076	0.0384	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00302	0.0052	0.0398	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-6.42E-10	0.0054	0.053	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.963	—	—	0.05	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.981	—	—	0.05	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.01	—	—	0.05	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	0.983	—	—	0.05	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.16	14	46.1	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.0111	22.1	59.9	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.3	17	75	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.388	16.4	63.1	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.2	18	51	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.821	1.45	5.45	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.593	1.47	6.1	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.94	1.43	6.71	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.972	1.26	5.26	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.717	1.5	5.1	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	3.63	uS/cm	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	166	—	—	1	uS/cm	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	166	—	—	1	uS/cm	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	uS/cm	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	167	—	—	1	uS/cm	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.8	—	—	1	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.8	—	—	1	µg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.8	—	—	1	µg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	69.3	—	—	1	µg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	67.2	—	—	1	µg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.134	0.128	0.442	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00977	0.0743	0.253	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.204	0.134	0.489	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0459	0.136	0.47	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.157	0.14	0.46	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.37	—	—	0.133	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.49	—	—	0.133	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.35	—	—	0.133	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.1	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.27	—	—	0.1	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	145	—	—	2.4	mg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	2.4	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.139	—	—	0.017	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0543	—	—	0.017	mg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0915	—	—	0.017	mg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0489	—	—	0.015	mg/L	Y	J	U	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.068	—	—	0.015	mg/L	Y	—	NQ	11-178	CAPA-10-26956	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.295	—	—	0.067	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.306	—	—	0.067	µg/L	Y	—	NQ	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.277	—	—	0.067	µg/L	Y	—	NQ	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.311	—	—	0.067	µg/L	Y	—	NQ	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.256	0.025	0.0837	—	pCi/L	Y	—	NQ	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.258	0.0245	0.0439	—	pCi/L	Y	—	NQ	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.332	0.0277	0.0532	—	pCi/L	Y	—	J	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.232	0.0327	0.0597	—	pCi/L	Y	—	NQ	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.031	0.05	—	pCi/L	Y	—	NQ	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0243	0.0112	0.0333	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0054	0.0066	0.0314	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	0.0076	0.0326	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0175	0.0093	0.0427	—	pCi/L	Y	U	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00735	0.009	0.039	—	pCi/L	Y	U	U	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.138	0.0182	0.0372	—	pCi/L	Y	—	NQ	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0786	0.0138	0.0364	—	pCi/L	Y	—	J	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.018	0.0298	—	pCi/L	Y	—	J	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	05/02/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0498	0.0172	0.0302	—	pCi/L	Y	—	U	12-1274	CAPA-12-13284	GELC
R-19 S2	893.3	10/15/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0863	0.018	0.03	—	pCi/L	Y	—	NQ	11-178	CAPA-10-26954	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.65	—	—	1	µg/L	Y	J	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.2	—	—	1	µg/L	Y	J	J	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.8	—	—	1	µg/L	Y	J	J	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.68	—	—	1	µg/L	Y	J	J	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.72	—	—	1	µg/L	Y	J	J	11-2407	CAPA-11-9565	GELC
R-19 S2	893.3	04/13/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	9.77	—	—	3.3	µg/L	Y	J	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/09/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.71	—	—	3.3	µg/L	Y	J	J	2014-3179	CAPA-14-56401	GELC
R-19 S2	893.3	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2013-741	CAPA-13-29680	GELC
R-19 S2	893.3	05/02/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	12-1274	CAPA-12-13294	GELC
R-19 S2	893.3	05/12/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	5.32	—	—	3.3	µg/L	Y	J	J	11-2407	CAPA-11-9565	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.44	—	—	0.01	SU	Y	H	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9.13	—	—	0.01	SU	Y	H	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J-	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J-	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.21	—	—	0.725	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.725	mg/L	Y	U	U	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1	—	—	0.73	mg/L	Y	U	U	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	0.725	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	0.725	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.5	—	—	0.725	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	0.73	mg/L	Y	—	NQ	11-2379	CAPA-11-9580	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	0.73	mg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0064	0.0349	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00395	0.0105	0.0608	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00219	0.0038	0.0382	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00399	0.0056	0.0478	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00224	0.002	0.038	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.8	—	—	1	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.1	—	—	1	µg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	18.3	—	—	1	µg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	17.8	—	—	1	µg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0386	1.94	6.34	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.58	1.55	5.7	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.408	2.19	7.61	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.17	1.53	5.86	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.68	1.2	4.2	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	—	0.067	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.94	—	—	0.066	mg/L	Y	—	NQ	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.066	mg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.3	—	—	2	µg/L	Y	J	J	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.05	—	—	2	µg/L	Y	J	J	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	10	—	—	2	µg/L	Y	U	U	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.36	—	—	2	µg/L	Y	J	J	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	2.32	—	—	2	µg/L	Y	J	J	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.327	1.85	7.23	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.01	1.51	7.06	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.4	1.94	6.9	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.02	1.58	6.11	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.12	1.2	3.6	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.353	—	—	0.033	mg/L	Y	—	NQ	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	16.5	0.774	0.803	—	pCi/L	Y	—	NQ	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.426	0.414	1.53	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.961	0.699	2.37	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.746	0.543	1.82	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.025	0.29	1.8	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.495	1.59	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.87	0.315	1.01	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.79	0.882	2.99	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.47	0.722	2.28	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.633	0.76	2.7	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.453	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	47.1	—	—	0.453	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.5	—	—	0.453	mg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.6	—	—	0.453	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.45	mg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.2	—	—	0.11	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.4	—	—	0.11	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.11	—	—	0.11	mg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.956	—	—	0.165	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	N	0.89	—	—	0.165	µg/L	Y	—	U	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.986	—	—	0.165	µg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.946	—	—	0.165	µg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.946	—	—	0.17	µg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.216	3.59	11	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.83	2.88	11.1	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.88	2.75	10.6	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.939	2.96	10.3	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.5	2.4	8.2	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.298	—	—	0.017	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.705	—	—	0.017	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.336	—	—	0.085	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.257	—	—	0.1	mg/L	Y	J	J	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.281	—	—	0.05	mg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.208	—	—	0.05	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.237	—	—	0.05	µg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	—	0.05	µg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.228	—	—	0.05	µg/L	Y	—	NQ	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.242	—	—	0.05	µg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00271	0.0063	0.0282	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00289	0.0077	0.0342	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00271	0.0047	0.0421	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00269	0.0081	0.0418	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00204	0.0029	0.018	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00445	0.0061	0.0428	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00289	0.0126	0.0512	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00812	0.009	0.0411	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0066	0.0354	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00611	0.0041	0.03	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.22	—	—	0.05	mg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.6	24.1	65.1	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.6	16.2	66.2	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10	22.3	86.4	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.35	18.8	69.6	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.51	16	54	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	N	72.9	—	—	0.053	mg/L	Y	—	U	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	64.8	—	—	0.053	mg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.5	1.77	5.32	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.5	5.59	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.4	1.84	6.14	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.451	1.34	5.2	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.633	1.3	4.6	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	3.63	uS/cm	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	uS/cm	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	uS/cm	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	uS/cm	Y	—	NQ	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	uS/cm	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.9	—	—	1	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.3	—	—	1	µg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	54.5	—	—	1	µg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0822	0.13	0.491	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0223	0.0784	0.268	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0634	0.129	0.473	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.141	0.136	0.481	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.238	0.12	0.39	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.57	—	—	0.133	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.98	—	—	0.133	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.95	—	—	0.133	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.1	mg/L	Y	—	NQ	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.91	—	—	0.1	mg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	2.4	mg/L	Y	—	NQ	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	2.4	mg/L	Y	—	NQ	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0889	—	—	0.017	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.38	—	—	0.017	mg/L	Y	—	J+	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0384	—	—	0.015	mg/L	Y	J	U	11-2379	CAPA-11-9580	GELC
R-19 S3	1171.4	10/15/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.045	—	—	0.015	mg/L	Y	J	J	11-178	CAPA-10-27367	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.276	—	—	0.067	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.351	—	—	0.067	µg/L	Y	—	NQ	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.304	—	—	0.067	µg/L	Y	—	NQ	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.275	—	—	0.067	µg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.241	—	—	0.067	µg/L	Y	—	NQ	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.0231	0.0867	—	pCi/L	Y	—	NQ	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0271	0.0592	—	pCi/L	Y	—	J	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.223	0.0286	0.0827	—	pCi/L	Y	—	NQ	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.282	0.0366	0.078	—	pCi/L	Y	—	J	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.263	0.038	0.11	—	pCi/L	Y	—	NQ	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0028	0.0074	0.0345	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00364	0.0131	0.0423	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0167	0.0102	0.0508	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00158	0.007	0.0558	—	pCi/L	Y	U	U	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0368	0.014	0.051	—	pCi/L	Y	U	U	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0884	0.0165	0.0385	—	pCi/L	Y	—	NQ	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/14	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0195	0.0491	—	pCi/L	Y	—	J	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0213	0.0464	—	pCi/L	Y	—	NQ	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	05/03/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.119	0.0233	0.0394	—	pCi/L	Y	—	J	12-1277	CAPA-12-13285	GELC
R-19 S3	1171.4	07/29/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0819	0.023	0.065	—	pCi/L	Y	—	NQ	10-3929	CAPA-10-24099	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.67	—	—	1	µg/L	Y	J	J	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.54	—	—	1	µg/L	Y	J	J	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.93	—	—	1	µg/L	Y	J	J	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.85	—	—	1	µg/L	Y	J	J	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.85	—	—	1	µg/L	Y	J	J	11-2900	CAPA-11-22862	GELC
R-19 S3	1171.4	04/14/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.37	—	—	3.3	µg/L	Y	J	J	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/10/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.37	—	—	3.3	µg/L	Y	J	J	2014-3194	CAPA-14-56402	GELC
R-19 S3	1171.4	04/16/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	3.37	—	—	3.3	µg/L	Y	J	J	2013-735	CAPA-13-29681	GELC
R-19 S3	1171.4	05/03/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	38.5	—	—	3.3	µg/L	Y	—	NQ	12-1277	CAPA-12-13295	GELC
R-19 S3	1171.4	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	11-2900	CAPA-11-22862	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.48	—	—	0.01	SU	Y	H	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	J-	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	J-	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.9	—	—	0.725	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.1	—	—	0.725	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.3	—	—	0.725	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	50.3	—	—	0.73	mg/L	Y	—	NQ	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	49.5	—	—	0.73	mg/L	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	81.5	—	—	68	µg/L	Y	J	J	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00847	0.006	0.0325	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0154	0.0096	0.0448	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00823	0.0087	0.0493	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.0061	0.041	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.000248	0.0026	0.047	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.4	—	—	1	µg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.8	—	—	1	µg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	26.4	—	—	1	µg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	25.6	—	—	1	µg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31	—	—	15	µg/L	Y	J	J	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.9	—	—	15	µg/L	Y	J	J	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	30.5	—	—	15	µg/L	Y	J	J	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	15	µg/L	Y	U	U	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.79	—	—	0.05	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.75	—	—	0.05	mg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	9.26	—	—	0.05	mg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.56	1.35	5.26	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.33	1.65	6.35	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0015	1.24	4.67	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.69	1.6	5.9	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.221	1.2	3.8	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.66	—	—	0.067	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.68	—	—	0.067	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.55	—	—	0.067	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.66	—	—	0.066	mg/L	Y	—	NQ	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.57	—	—	0.066	mg/L	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.68	1.48	5.84	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.92	1.65	5.97	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.767	0.917	4.02	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.7	1.4	4.1	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.4	1.4	5	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.185	—	—	0.033	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.153	—	—	0.033	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.222	—	—	0.033	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.214	—	—	0.033	mg/L	Y	—	NQ	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.188	—	—	0.033	mg/L	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.101	0.396	1.41	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/11/14	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0418	0.247	0.937	—	pCi/L	Y	U	U	2014-3198	CAPA-14-56392	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.994	0.665	2.17	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.387	0.593	2.42	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.702	0.52	2.8	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.78	0.358	0.945	—	pCi/L	Y	—	J	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/11/14	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.953	0.357	1.12	—	pCi/L	Y	U	U	2014-3198	CAPA-14-56392	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.24	0.972	2.96	—	pCi/L	Y	—	NQ	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.99	0.948	2.97	—	pCi/L	Y	—	J	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.16	1.1	2.7	—	pCi/L	Y	—	NQ	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.6	—	—	0.453	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.5	—	—	0.453	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.2	—	—	0.453	mg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.6	—	—	0.45	mg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	42.8	—	—	30	µg/L	Y	J	J	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	34.5	—	—	30	µg/L	Y	J	J	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	12-1287	CAPA-12-13296	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.67	—	—	0.11	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.69	—	—	0.11	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.64	—	—	0.11	mg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	2.78	—	—	0.11	mg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	13.2	—	—	2	µg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	10.5	—	—	2	µg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	9.42	—	—	2	µg/L	Y	J	J	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	Y	7.76	—	—	2	µg/L	Y	J	J	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.165	µg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.165	µg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.33	—	—	0.165	µg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.898	—	—	0.17	µg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.278	3.05	10.8	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.478	3.25	11.5	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.21	2.45	8.98	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.91	3.1	10	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.79	11	33	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.263	—	—	0.017	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.487	—	—	0.017	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.245	—	—	0.017	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.411	—	—	0.1	mg/L	Y	J	J	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	793	—	—	10	mg/L	Y	—	R	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.207	—	—	0.05	µg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.219	—	—	0.05	µg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.227	—	—	0.05	µg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.258	—	—	0.05	µg/L	Y	—	NQ	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.256	—	—	0.05	µg/L	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00417	0.0059	0.0335	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00722	0.0054	0.0374	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0101	0.0453	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0055	0.02	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00256	0.0036	0.043	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00417	0.0059	0.0506	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	0.0064	0.0365	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0146	0.0071	0.0384	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0249	0.0093	0.033	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0026	0.041	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.65	—	—	0.05	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.92	16.6	67.6	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.9	21.5	76.2	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.31	15	57.9	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.98	20	68	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.4	12	54	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.7	—	—	0.053	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	J-	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	N	65.6	—	—	0.053	mg/L	Y	—	U	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.68	—	—	0.1	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.5	—	—	0.1	mg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	9.59	—	—	0.1	mg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.14	1.28	5.75	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.59	1.59	5.47	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0247	1.34	5.01	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.819	1.7	5.7	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.04	1.3	4.6	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	105	—	—	3.63	uS/cm	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	uS/cm	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111	—	—	1	uS/cm	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	uS/cm	Y	—	NQ	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	110	—	—	1	uS/cm	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	47.1	—	—	1	µg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	50.2	—	—	1	µg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	45.6	—	—	1	µg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0908	0.123	0.489	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0279	0.114	0.433	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.18	0.144	0.489	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.197	0.12	0.38	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.217	0.12	0.39	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.13	—	—	0.133	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.18	—	—	0.133	mg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.25	—	—	0.133	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.67	—	—	0.1	mg/L	Y	—	NQ	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.53	—	—	0.1	mg/L	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	J	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	2.4	mg/L	Y	—	NQ	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	135	—	—	2.4	mg/L	Y	—	NQ	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0882	—	—	0.033	mg/L	Y	J	J	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0712	—	—	0.033	mg/L	Y	J	J	2014-3198	CAPA-14-56392	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.035	mg/L	Y	U	UJ	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	05/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.18	mg/L	Y	U	UJ	11-2378	CAPA-11-9582	GELC
R-19 S4	1410.2	10/14/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	11-165	CAPA-10-27369	GELC
R-19 S4	1410.2	04/15/15	WG	UF	RE	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.91	—	—	0.063	mg/L	Y	BJ	J	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/11/14	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.79	—	—	0.33	mg/L	Y	—	NQ	2014-3198	CAPA-14-56392	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.71	—	—	0.33	mg/L	Y	—	NQ	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	05/10/11	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	11-2378	CAPA-11-9582	GELC

Pajarito Watershed General Surveillance Monitoring Group Analytical Results and Results from the Four Previous Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	1-sigma TPU	MDA	MDL	Unit	Best Value Flag	Lab Qual	2nd Qual	Request	Sample	Lab
R-19 S4	1410.2	10/14/10	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.681	—	—	0.33	mg/L	Y	J	J	11-165	CAPA-10-27369	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0685	—	—	0.017	mg/L	Y	—	J	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.24	—	—	0.017	mg/L	Y	—	J+	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0831	—	—	0.017	mg/L	Y	—	U	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	05/10/11	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0505	—	—	0.015	mg/L	Y	—	U	11-2379	CAPA-11-9583	GELC
R-19 S4	1410.2	10/14/10	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.048	—	—	0.015	mg/L	Y	J	U	11-165	CAPA-10-27371	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.262	—	—	0.067	µg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.393	—	—	0.067	µg/L	Y	—	J	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.287	—	—	0.067	µg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.283	—	—	0.067	µg/L	Y	—	NQ	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.186	0.0217	0.0845	—	pCi/L	Y	—	NQ	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.185	0.0214	0.0554	—	pCi/L	Y	—	NQ	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.126	0.0306	0.0753	—	pCi/L	Y	—	NQ	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.265	0.038	0.11	—	pCi/L	Y	—	NQ	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.196	0.03	0.11	—	pCi/L	Y	—	NQ	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0137	0.0099	0.0336	—	pCi/L	Y	U	U	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0112	0.0079	0.034	—	pCi/L	Y	U	U	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0124	0.0102	0.0538	—	pCi/L	Y	U	U	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00484	0.0084	0.054	—	pCi/L	Y	U	U	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00385	0.0067	0.056	—	pCi/L	Y	U	U	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.104	0.0155	0.0375	—	pCi/L	Y	—	NQ	2015-1054	CAPA-15-93441	GELC
R-19 S4	1410.2	04/17/13	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0881	0.0179	0.0311	—	pCi/L	Y	—	NQ	2013-741	CAPA-13-29671	GELC
R-19 S4	1410.2	05/07/12	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0894	0.0204	0.038	—	pCi/L	Y	—	NQ	12-1287	CAPA-12-13286	GELC
R-19 S4	1410.2	07/30/10	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.027	0.069	—	pCi/L	Y	—	NQ	10-3932	CAPA-10-24102	GELC
R-19 S4	1410.2	09/16/09	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.109	0.021	0.067	—	pCi/L	Y	—	NQ	09-3300	CAPA-09-12181	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.56	—	—	1	µg/L	Y	J	J	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.99	—	—	1	µg/L	Y	J	J	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	3.53	—	—	1	µg/L	Y	J	J	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.74	—	—	1	µg/L	Y	J	J	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	11-2900	CAPA-11-22866	GELC
R-19 S4	1410.2	04/15/15	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	37.9	—	—	3.3	µg/L	Y	—	NQ	2015-1054	CAPA-15-93478	GELC
R-19 S4	1410.2	04/11/14	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	33.9	—	—	3.3	µg/L	Y	—	NQ	2014-3198	CAPA-14-56403	GELC
R-19 S4	1410.2	04/17/13	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	22.2	—	—	3.3	µg/L	Y	—	NQ	2013-741	CAPA-13-29682	GELC
R-19 S4	1410.2	05/07/12	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	Y	26.7	—	—	3.3	µg/L	Y	—	NQ	12-1287	CAPA-12-13296	GELC
R-19 S4	1410.2	07/20/11	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	11-2900	CAPA-11-22866	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Levels

Zone	Location	Screen Top Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Prep Code	Analysis Type Code	Field Quality Control Code	Detect Flag	Report Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason	Best Value Flag	Analytical Method	Lab ID	Screening Level	Reporting Level Code	Result/Screening Level
Alluvial	18-MW-18	12.5	04/21/15	General Chemistry	Chloride	Cl(-1)	F[a]	INIT[b]	REG[c]	Y[d]	317	6.7	mg/L	100	—[e]	NQ[f]	NQ	Y	EPA:300.0	GELC[g]	250	NMWQCC GW STD[h]	1.27
Alluvial	18-MW-18	12.5	04/21/15	SVOC[i]	Dibenz(a,h)anthracene	53-70-3	UF[j]	INIT	REG	Y	0.0238	0.0168	µg/L	1	J[k]	J[l]	J_LAB[m]	N[n]	SW-846:8310	GELC	0.034	EPA TAP SCRN LVL[o]	0.70
Alluvial	18-MW-18	12.5	04/21/15	General Chemistry	Total Dissolved Solids	TDS	F	INIT	REG	Y	784	3.4	mg/L	1	—	NQ	NQ	Y	EPA:160.1	GELC	1000	NMWQCC GW STD	0.78
Intermediate	03-B-13	21.5	04/17/15	General Chemistry	Chloride	Cl(-1)	F	INIT	REG	Y	164	3.35	mg/L	50	—	NQ	NQ	Y	EPA:300.0	GELC	250	NMWQCC GW STD	0.66
Intermediate	03-B-13	21.5	04/17/15	SVOC	Dioxane[1,4-]	123-91-1	UF	DL[p]	REG	Y	232	12.8	µg/L	4	—	NQ	NQ	Y	SW-846:8270D	GELC	4.6	EPA TAP SCRN LVL	50.43
Intermediate	03-B-13	21.5	04/17/15	VOC[q]	Trichloroethane[1,1,1-]	71-55-6	UF	INIT	REG	Y	68.5	0.3	µg/L	1	—	NQ	NQ	Y	SW-846:8260B	GELC	60	NMWQCC GW STD	1.14
Intermediate	R-19 S2	893.3	04/13/15	Rad[r]	Gross alpha	GROSSA	UF	INIT	REG	Y	9.7	—	pCi/L	1	—	NQ	NQ	Y	EPA:900	GELC	15	EPA MCL	0.65
Regional	R-17 S1	1057	04/20/15	SVOC	Bis(2-ethylhexyl)phthalate	117-81-7	UF	INIT	REG	Y	3.16	3	µg/L	1	J	J	J_LAB	Y	SW-846:8270D	GELC	6	EPA MCL	0.53
Regional	R-17 S1	1057	04/20/15	SVOC	Phenol	108-95-2	UF	INIT	REG	Y	3.62	3	µg/L	1	J	J	J_LAB	Y	SW-846:8270D	GELC	5	NMWQCC GW STD	0.72
Regional	R-19 S3	1171.4	04/14/15	Rad	Gross alpha	GROSSA	UF	INIT	REG	Y	16.5	—	pCi/L	1	—	NQ	NQ	Y	EPA:900	GELC	15	EPA MCL	1.10

[a] F = Filtered.

[b] INIT = Initial.

[c] REG = Regular.

[d] Y = Yes.

[e] — = None.

[f] NQ = Not qualified.

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

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

[i] SVOC = Semivolatile organic compound.

[j] UF = Unfiltered.

[k] In this column, J = the associated numerical value is an estimated quantity.

[l] In this column, J = the analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual.

[m] J_LAB = The analytical laboratory qualified the detected result as estimated (J) because the result was less than the practical quantitation limit but greater than the method detection limit.

[n] N = No.

[o] EPA TAP SCRN LVL = U.S. Environmental Protection Agency regional screening level for tap water.

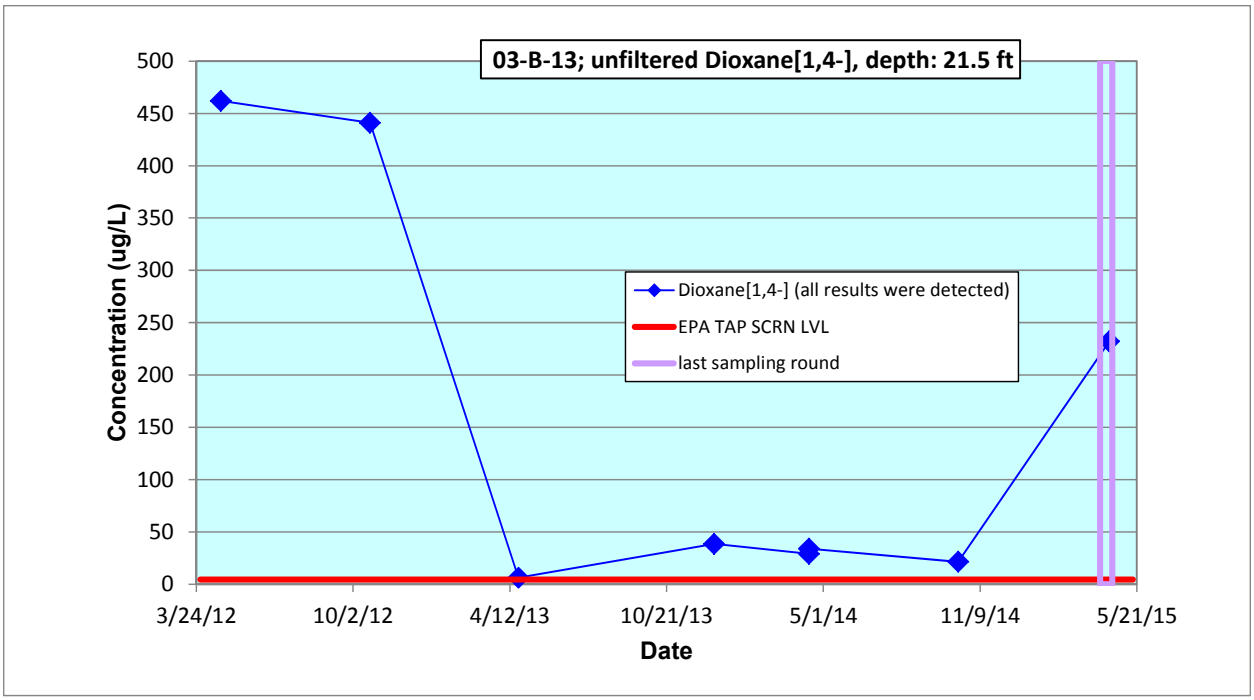
[p] DL = Dilution.

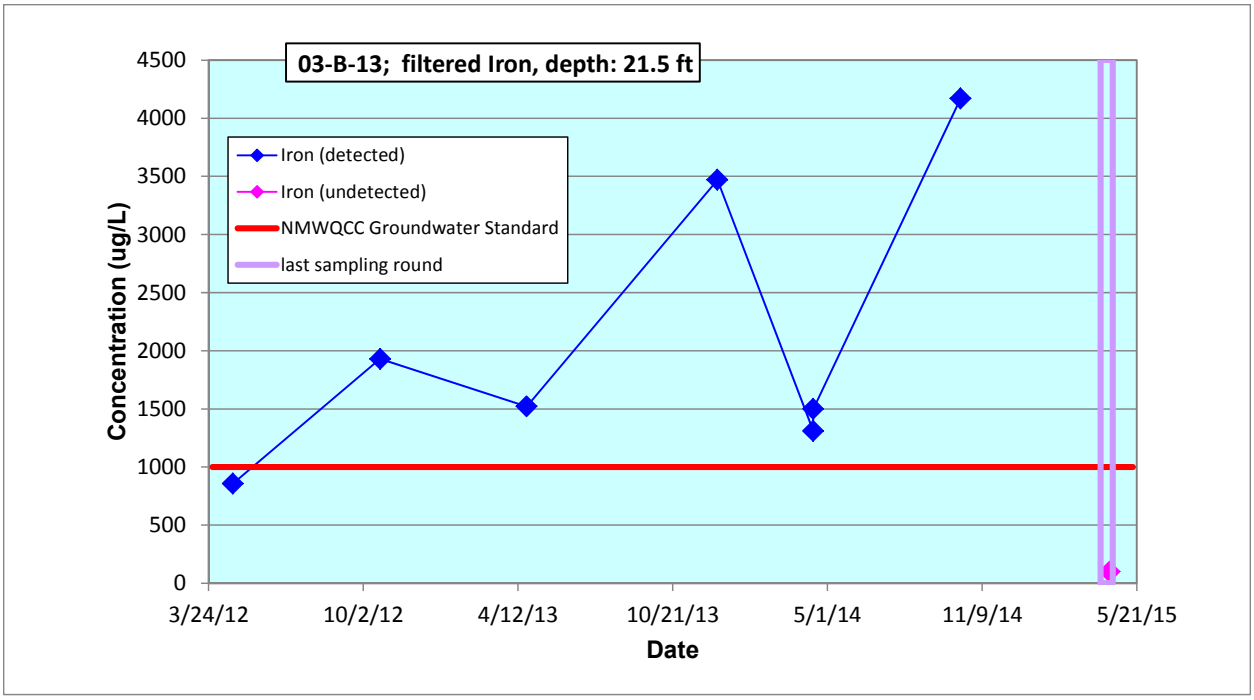
[q] VOC = Volatile organic compound.

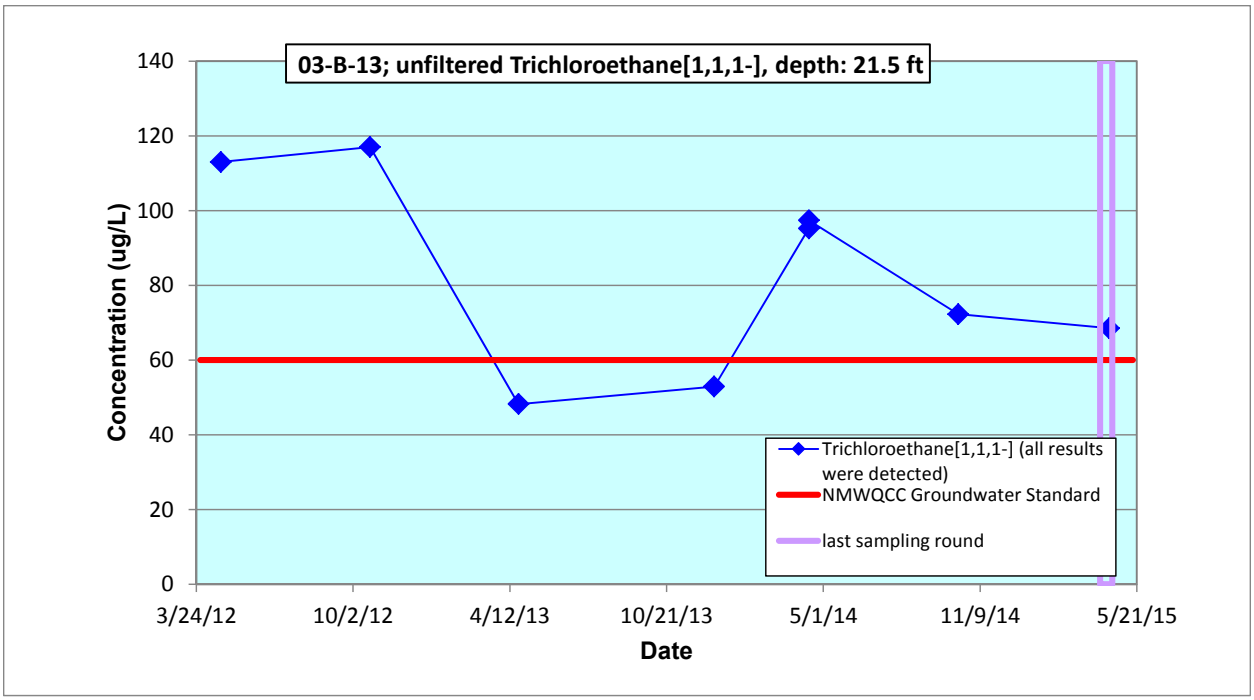
[r] Rad = Radionuclides.

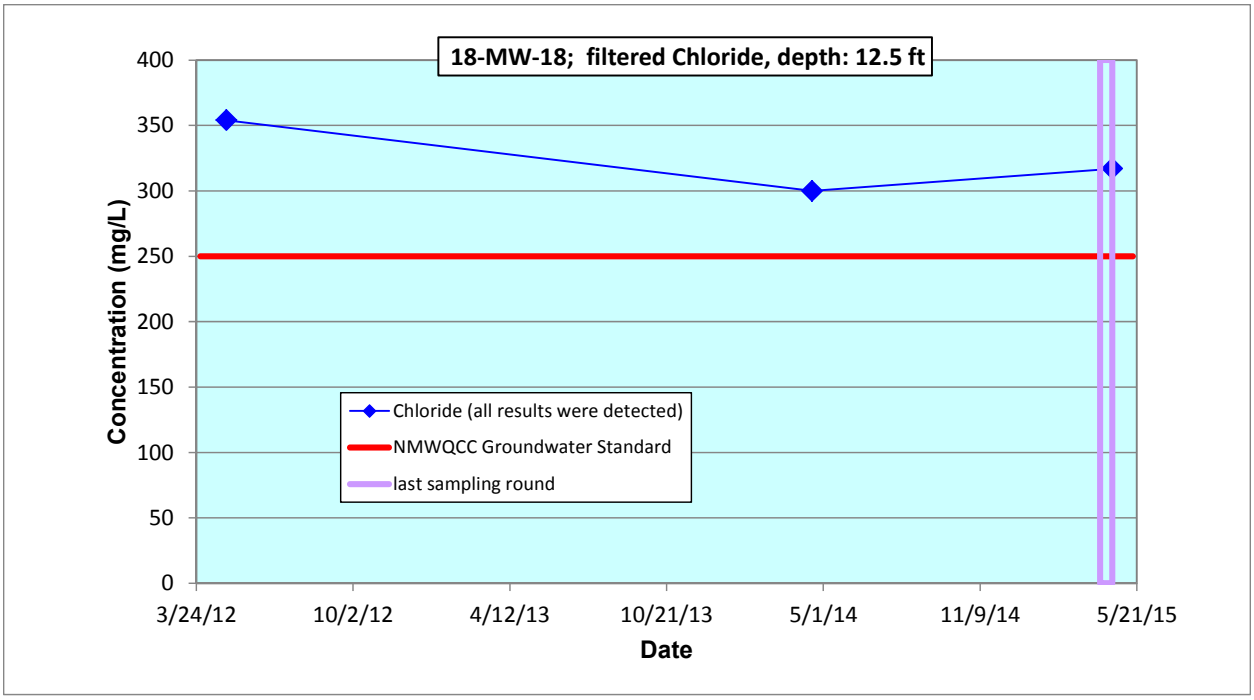
Appendix E

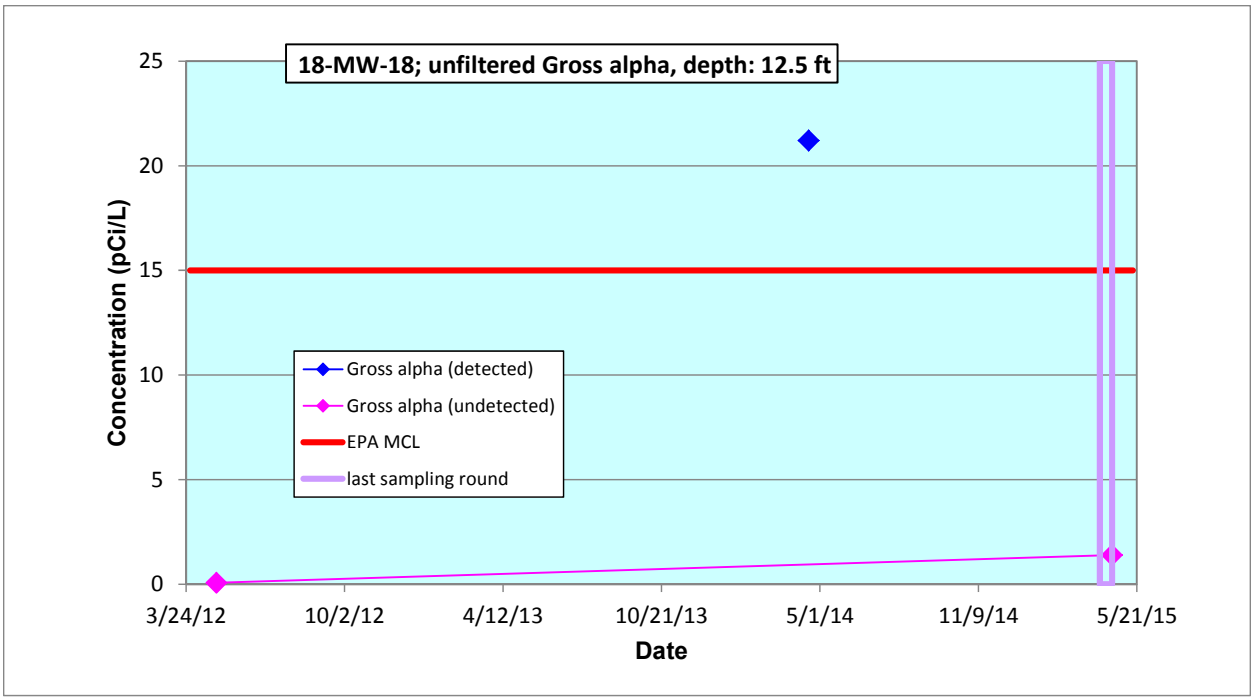
Analytical Chemistry Graphs of Screening-Level Exceedances

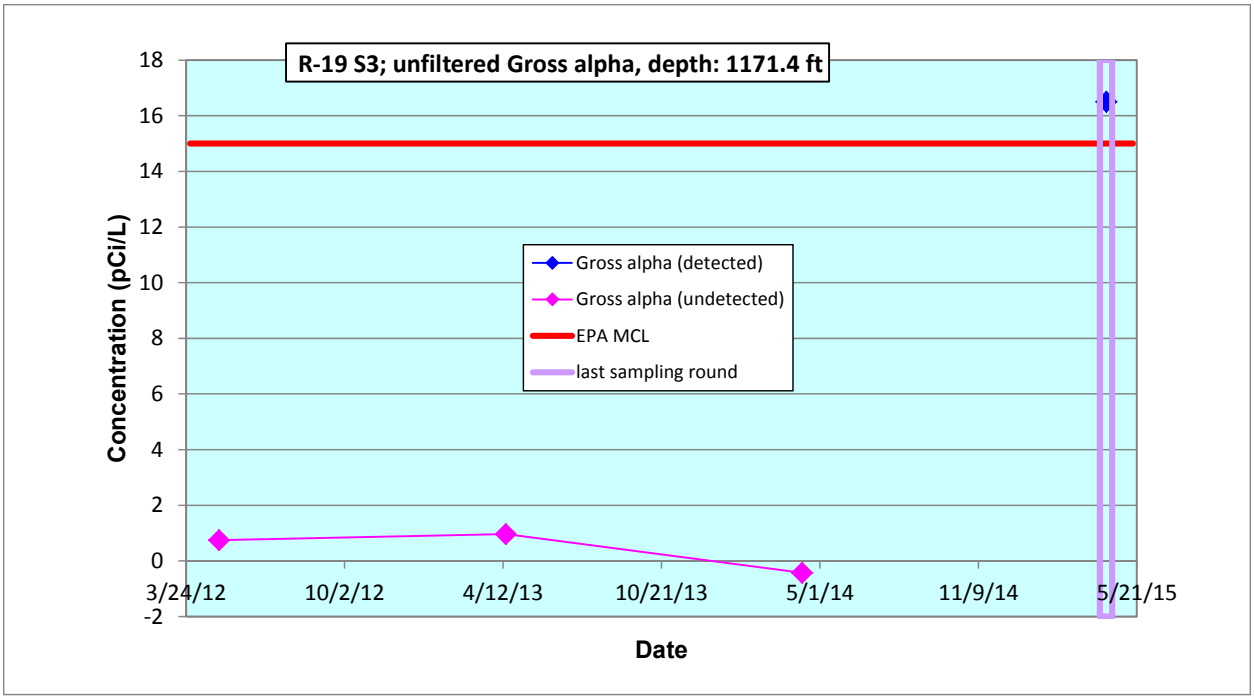

03-B-13; unfiltered Dioxane[1,4-], depth: 21.5 ft
Concentration (ug/L)
500
450
400
350
300
250
200
150
100
50
0
3/24/12
10/2/12
4/12/13
10/21/13
5/1/14
11/9/14
5/21/15
Date
Dioxane[1,4-] (all results were detected)
EPA TAP SCRN LVL
last sampling round


03-B-13; filtered Iron, depth: 21.5 ft
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
3/24/12
10/2/12
4/12/13
10/21/13
5/1/14
11/9/14
5/21/15
Date
Iron (detected)
Iron (undetected)
NMWQCC Groundwater Standard
last sampling round


03-B-13; unfiltered Trichloroethane[1,1,1-], depth: 21.5 ft
Concentration (ug/L)
140
120
100
80
60
40
20
0
3/24/12
10/2/12
4/12/13
10/21/13
5/1/14
11/9/14
5/21/15
Date
Trichloroethane[1,1,1-] (all results were detected)
NMWQCC Groundwater Standard
last sampling round


18-MW-18; filtered Chloride, depth: 12.5 ft
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
3/24/12
10/2/12
4/12/13
10/21/13
5/1/14
11/9/14
5/21/15
Date
Chloride (all results were detected)
NMWQCC Groundwater Standard
last sampling round


18-MW-18; unfiltered Gross alpha, depth: 12.5 ft
Concentration (pCi/L)
25
20
15
10
5
0
Gross alpha (detected)
Gross alpha (undetected)
EPA MCL
last sampling round
3/24/12
10/2/12
4/12/13
10/21/13
5/1/14
11/9/14
5/21/15
Date


R-19 S3; unfiltered Gross alpha, depth: 1171.4 ft
Concentration (pCi/L)
18
16
14
12
10
8
6
4
2
0
-2
Gross alpha (detected)
Gross alpha (undetected)
EPA MCL
last sampling round
3/24/12
10/2/12
4/12/13
10/21/13
5/1/14
11/9/14
5/21/15
Date

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-1003	Rad[a]	ARSL[b]	CAPA-15-93436	04/06/15	PCI-2	512	522
2015-1027	Inorganic	GELC[c]	CAPA-15-93476	04/13/15	R-19 S2	893.3	909.6
2015-1027	Inorganic	GELC	CAPA-15-93439	04/13/15	R-19 S2	893.3	909.6
2015-1027	Organic	GELC	CAPA-15-93439	04/13/15	R-19 S2	893.3	909.6
2015-1027	Rad	GELC	CAPA-15-93439	04/13/15	R-19 S2	893.3	909.6
2015-1028	Organic	SHEALY[d]	CAPA-15-93439	04/13/15	R-19 S2	893.3	909.6
2015-1037	Inorganic	GELC	CAPA-15-93477	04/14/15	R-19 S3	1171.4	1215.4
2015-1037	Inorganic	GELC	CAPA-15-93440	04/14/15	R-19 S3	1171.4	1215.4
2015-1037	Organic	GELC	CAPA-15-93440	04/14/15	R-19 S3	1171.4	1215.4
2015-1037	Rad	GELC	CAPA-15-93440	04/14/15	R-19 S3	1171.4	1215.4
2015-1038	Organic	SHEALY	CAPA-15-93440	04/14/15	R-19 S3	1171.4	1215.4
2015-1054	Inorganic	GELC	CAPA-15-93478	04/15/15	R-19 S4	1410.2	1417.4
2015-1054	Inorganic	GELC	CAPA-15-93441	04/15/15	R-19 S4	1410.2	1417.4
2015-1054	Organic	GELC	CAPA-15-93441	04/15/15	R-19 S4	1410.2	1417.4
2015-1054	Rad	GELC	CAPA-15-93441	04/15/15	R-19 S4	1410.2	1417.4
2015-1055	Organic	SHEALY	CAPA-15-93441	04/15/15	R-19 S4	1410.2	1417.4
2015-1068	Inorganic	GELC	CAPA-15-93469	04/17/15	03-B-13	21.5	31.5
2015-1068	Organic	GELC	CAPA-15-93432	04/17/15	03-B-13	21.5	31.5
2015-1070	Organic	SHEALY	CAPA-15-93432	04/17/15	03-B-13	21.5	31.5
2015-1073	Inorganic	GELC	CAPA-15-93437	04/20/15	R-17 S1	1057	1080
2015-1073	Inorganic	GELC	CAPA-15-93474	04/20/15	R-17 S1	1057	1080
2015-1073	Inorganic	GELC	CAPA-15-93475	04/20/15	R-17 S2	1124	1134
2015-1073	Inorganic	GELC	CAPA-15-93438	04/20/15	R-17 S2	1124	1134
2015-1073	Inorganic	GELC	CAPA-15-93393	04/20/15	R-17 S2	1124	1134
2015-1073	Inorganic	GELC	CAPA-15-93397	04/20/15	R-17 S2	1124	1134
2015-1073	Organic	GELC	CAPA-15-93393	04/20/15	R-17 S2	1124	1134
2015-1073	Organic	GELC	CAPA-15-93437	04/20/15	R-17 S1	1057	1080
2015-1073	Organic	GELC	CAPA-15-93438	04/20/15	R-17 S2	1124	1134
2015-1073	Rad	GELC	CAPA-15-93437	04/20/15	R-17 S1	1057	1080
2015-1073	Rad	GELC	CAPA-15-93438	04/20/15	R-17 S2	1124	1134
2015-1073	Rad	GELC	CAPA-15-93393	04/20/15	R-17 S2	1124	1134
2015-1076	Organic	SHEALY	CAPA-15-93393	04/20/15	R-17 S2	1124	1134
2015-1076	Organic	SHEALY	CAPA-15-93437	04/20/15	R-17 S1	1057	1080
2015-1076	Organic	SHEALY	CAPA-15-93438	04/20/15	R-17 S2	1124	1134
2015-1082	Inorganic	GELC	CAPA-15-93470	04/21/15	18-MW-18	12.5	23
2015-1082	Inorganic	GELC	CAPA-15-93433	04/21/15	18-MW-18	12.5	23
2015-1082	Organic	GELC	CAPA-15-93433	04/21/15	18-MW-18	12.5	23
2015-1082	Rad	GELC	CAPA-15-93433	04/21/15	18-MW-18	12.5	23

Chain of Custody	Category	Lab	Sample	Date	Location	Screen Top Depth (ft)	Screen Bottom Depth (ft)
2015-1086	Organic	CFA	CAPA-15-93433	04/21/15	18-MW-18	12.5	23
2015-1088	Organic	SHEALY	CAPA-15-93433	04/21/15	18-MW-18	12.5	23
2015-1090	Rad	ARSL	CAPA-15-93437	04/20/15	R-17 S1	1057	1080
2015-989	Inorganic	GELC	CAPA-15-93473	04/06/15	PCI-2	512	522
2015-989	Inorganic	GELC	CAPA-15-93436	04/06/15	PCI-2	512	522
2015-989	Organic	GELC	CAPA-15-93436	04/06/15	PCI-2	512	522
2015-989	Rad	GELC	CAPA-15-93436	04/06/15	PCI-2	512	522
2015-993	Organic	SHEALY	CAPA-15-93436	04/06/15	PCI-2	512	522

[a] Rad = Radiochemistry (not gamma).

[b] ARSL = American Radiation Services, Inc.

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

[d] SHEALY = Shealy Environmental Services, Inc.