



General Electric Energy Management

Industrial Solutions

RCRA Facility Investigation Report

**Route 129, Km 41.0
Zeno Gandia Industrial Park
Arecibo, Puerto Rico**

Caribe General Electric Products, Inc.

April 2015



A handwritten signature in blue ink, appearing to read "Jason D. Brien".

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**RCRA Facility Investigation
Report**

Arecibo, Puerto Rico

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1. Introduction

This Resource Conservation and Recovery Act (RCRA) Facility Investigation Report (RFI Report) has been prepared by ARCADIS of New York, Inc. (ARCADIS) on behalf of General Electric Energy Management – Industrial Solutions (GE) for the Caribe General Electric Products, Inc. facility located in Arecibo, Puerto Rico (the Site) and presents a summary of investigation activities conducted at the Site.

RCRA Facility Investigation (RFI) activities were conducted in response to a June 19, 2010 notification letter from the United States Environmental Protection Agency (USEPA) to GE. The USEPA letter requested preparation of an RFI Work Plan to characterize the solid waste management units (SWMUs) identified in the March 1988 RCRA Facility Assessment Report (RFA Report [Puerto Rico Environmental Quality Board (EQB), 1988]). GE submitted a DRAFT RFI Work Plan to USEPA in August 2010 (ARCADIS, 2010) and ARCADIS subsequently conducted RFI activities in March 2012. Based on the results of the RFI, an RFI Work Plan Addendum was prepared in May 2013 (ARCADIS, 2013) and subsequently an Arsenic Background Study was conducted during August 2013.

1.1 Overview and Objectives

The RFA identified a total of seven SWMUs and six Areas of Concern (AOCs) at the Site. The objective of the RFI was to determine whether there have been releases of Site-related hazardous constituents present in environmental media at concentrations greater than applicable screening levels.

Based on the findings and recommendations presented in the RFA Report, the following SWMUs, as depicted on Figure 2, were recommended for further investigation as part of the RFI:

- SWMU #2 – Holding Tank
- SWMU #5 – Former Electroplating Sumps
- SWMU #6 – Chromium, Cyanide and Acid/Alkali Sumps

USEPA and EQB determined in the RFA that other than SWMUs #2, # 5 and #6, none of the SWMUs or AOCs presented the potential for releases of hazardous constituents, and therefore no investigation or further action is required in those areas.

GE closed SWMU #2 in 1984. USEPA issued a clean-closure certification for SWMU #2 in April 1991. In July 2010, USEPA decided to exclude SWMU #2 from the RFI as the unit was determined to be properly closed.

This RFI Report presents the investigation activities, means and methods to assess the absence or presence of hazardous constituents in environmental media at concentrations above appropriate screening levels in the SWMUs identified above, and to determine the nature and extent of potential releases from the above-listed SWMUs.

1.2 Report Organization

This RFI Report has been organized into the sections described in the following table.

Table 1-1 RFI Report Organization

Section	Description
Section 1 – Introduction	Provides background information relevant to the development of this RFI Report.
Section 2 – Background and Data Needs	Presents the rationale for the RFI activities.
Section 3 – RFI Activities	Presents the means and methods involved in the RFI activities.
Section 4 – RFI Results	Presents the results of the RFI activities.
Section 5 – Conclusions	Presents the summary and conclusions of the RFI results.
Section 6 – References	Provides a list of references used to prepare this RFI Report.

2. Background Data Needs

This section presents Site background information relevant to the implementation of the RFI Activities. A description of the Site location and setting, regional geology and hydrogeology, and the Site history and operations is presented below.

2.1 Site Layout, Setting, and Description

The Site is located in an industrial zoned region of the City of Arecibo, on the north central coast of Puerto Rico (See Figure 1). The Site is located on Route 129, Km 41.0, in the Zeno Gandia Industrial Park. The Site covers approximately five acres of fenced property owned by the Puerto Rico Industrial Development Company (PRIDCO). The Site is surrounded by an industrial park.

The Site includes two buildings that encompass approximately 56,900 square feet of offices and operations areas. The Site's original layout included office areas, an electroplating area, electric laboratory molding area, welding area, metal stamping and assembly areas, a hazardous waste storage area, and two raw material storage areas. An on-Site wastewater treatment plant (WWTP) was originally located on the northeastern limit of the Site.

Site drainage is directed toward the sewer drainage system and is divided into three drainage basins: the drainage area near the guard shack, the area between the manufacturing building and the electroplating facilities, and the area between the electroplating facilities and smaller ancillary buildings. Additional runoff (from roof and other areas) drains by overland flow to a stormwater conveyance system.

The regional climate of the Site is characteristic of a tropical marine climate with high humidity. The average annual temperatures are within the range of 75° to 80° F, with slightly cooler temperatures in the winter. The average annual precipitation is 53 inches.

2.2 Site History and Operation

The Site began operations in August 1973 and has remained active since that time. The Site currently consists of two main buildings (total of approximately 56,900 square feet) used for office space as well as manufacturing of industrial circuit breakers.

Site history relevant to the storage and disposal of hazardous material at the Site was presented in the RFI Work Plan (ARCADIS, 2010). A more detailed history of Site operations was included in the RFA Report.

Current Site activities include manufacturing processes of industrial circuit breakers. Manufacturing processes generally include the following: plastics molding, steel welding, metal stamping, painting, electroplating, and assembly operations.

Electroplating activities include five separate plating lines: multi-line plating, silver-line plating, manual-line plating, salt hand plating, and barrel hand plating. Copper, nickel, silver, and zinc are used in the electroplating process. The process wastes are treated at an on-Site WWTP. After treatment, waters are discharged to the public sewer system. Sludge generated from electroplating processes is drummed at a rate of 4 to 5 drums per week.

2.3 Geology and Hydrogeology

The Site is situated in a relatively flat industrial/urban area of Arecibo with an elevation between 30 and 40 feet above mean sea level (amsl). The Atlantic Ocean is located approximately 1 mile to the north of the site and the Rio Grande de Arecibo and its tributaries flow north to the Atlantic approximately 1.5 miles east of the site. The RFA report classifies the soils within the area of the site as urban land characterized as deep, sandy and loamy. The overburden soils along the north coast are underlain by an Oligocene to Pliocene aged karstic limestone up to 2,000 meters thick resting on a basement of folded and faulted Cretaceous and lower Tertiary sedimentary and igneous rock (Monroe, 1980; Larue, 1991; Montgomery, 1998).

This area of limestone found along the northern coast of Puerto Rico contains two very productive aquifers. Below Arecibo the Aymamon and Aguada Limestones and alluvial deposits along the coast comprise the upper unconfined aquifer. The lower aquifer occurs within the Cibao and Lares Limestone (Rodriguez and Martinez, 1995). This aquifer contains a highly variable horizontal and vertical hydraulic conductivity. Hydraulic conductivity values as high as 2,042 meters per day (m/d) and as low as 0.04 m/d have been estimated for the aquifer (Giusti and Bennett, 1976). Recharge to these aquifers occurs mainly through infiltration from direct precipitation, losing streams, sink holes and solution channels which lead to underground drainage systems created by the karst environment (Troester, 1999).

Hydrogeologic investigations were not conducted at the Site during the RFA. However, a groundwater pumping well is located on-Site. The well is located on the west side of the manufacturing building and was installed to a depth of approximately 200 feet below ground surface (bgs). The well continually pumps 16 hours per day at a rate of approximately 150 gallons per minute. The RFA indicated that the well had never been monitored or sampled and the depth to groundwater is unknown.

2.4 Regulatory History

Regulatory history relevant to the storage and disposal of hazardous material at the Site is presented below. A more detailed history of regulatory involvement was included in the RFA Report.

- November 19, 1980 – GE submits a Part A Permit application to USEPA. The permit includes declaration of the following generated hazardous wastes: 1,1,1-trichloroethane, wastewater treatment sludge (spent cyanide plating bath solution from electroplating operations), plating bath residuals (cyanides), quenching bath residuals (cyanides), soluble cyanide salts, silver cyanide, and sodium cyanide.
- November 19, 1980 – GE files a Notification of Hazardous Waste Activity with the USEPA.
- November 4, 1981 – A full RCRA Treatment Storage and Disposal (TSD) facility inspection is conducted by EQB.
- March 18, 1982 – GE submits a revised Part A Permit application to the USEPA to account for erroneously identifying SWMU #2as a surface impoundment and reclassifies SWMU #2 as a tank.
- November 24, 1982 – A full RCRA TSD facility inspection is conducted by EQB. The RFA Report did not indicate whether the Site was compliant or non-compliant.
- February 22, 1984 – GE submits a revised Part A Permit Application to the USEPA. The RFA Report did not detail the changes to the February 1984 submittal.
- April 4, 1985 – GE submits a Part B Call-In letter to the USEPA.

- April 22, 1985 – A full RCRA TSD facility inspection is conducted by EQB. The Site was found to be in non-compliance due to Class II violations (missing security signage and inadequate fenced area) within SWMU #1.
- June 13, 1985 – A full RCRA TSD facility inspection is conducted by EQB. The Site was found to be in non-compliance due to the following observations: SWMU #1 (sludge on floor, lack of containment system, and drums were found to be dented, corroded and/or located outside of storage area); and SWMU #6 (epoxy coating of acidic wastewater sump showed evidence of deterioration).
- July 11, 1985 – GE submits a revised Part A Permit Application to USEPA. Revisions to the document include modifications to Site-generated wastes. Site-generated wastes include the following: metallic hydroxide electroplating sludge, 1,1,1-trichloroethane, and paint wastes.
- October 1, 1985 – USEPA requests chemical analysis of the influent to SWMU #2 to determine waste characteristics.
- October 21, 1985 – GE submits letter to EQB in response to the October 1, 1985 USEPA request letter. This letter states that all waste sludge generated by the WWTP is generated and removed upstream of SWMU #2. The WWTP analytical results were discussed in the RFA Report.
- October 1985 – GE submits a Closure Plan for the Hazardous Waste Container Storage Area (SWMU #1) to the USEPA.
- October 1985 – GE submits a Closure Plan for SWMU #2 to USEPA.
- December 30, 1985 – EQB issues an Order to Show Cause. No further information regarding this Order was included in the RFA Report.
- April 1986 – GE submits a revised Closure Plan for SWMU #1 to the USEPA.
- April 1986 – GE submits a revised Closure Plan for SWMU #2 to the USEPA.
- July 29, 1986 – EQB issues an Order to Show Cause to GE in reference to hazardous waste storage non-compliance. Hazardous waste was stored at the facility in excess of 90 days. A fine of \$7,149.30 was issued to GE in response to the violation.

- August 19, 1986 – EQB issues an Order to Show Cause. No additional information regarding the Order to Show Cause was included in the RFA Report.
- December 1986– GE submits a revised Closure Plan for SWMU #1 to the USEPA.
- January 1987 – GE submits a revised Closure Plan for SWMU #2 to the USEPA.
- June 23, 1987 – A full RCRA TSD facility inspection is conducted by EQB. No additional information regarding the inspection was included in the RFA Report.
- February 1988 – GE submits a revised Closure Plan for the SWMU #1 to the USEPA.
- March 8, 1988 – EQB conducts a visual site inspection as part of the RFA. The RFA Report is later submitted to the USEPA on March 31, 1988.
- January 1991 – GE submits final closure reports for SWMU #1 and SWMU #2.
- April 1991 – The USEPA issues written approval of the closure activities conducted for SWMU #1 and SWMU #2.
- July 12, 2010 – The USEPA submits a notification letter to GE requesting an RFI.
- October 11, 2010 – ARCADIS conducts field reconnaissance and a Site walk in support of preparing an RFI Work Plan.
- October 12, 2011 – The USEPA issues written approval of the RFI Work Plan for investigation activities at SWMU #5 and SWMU #6.
- March 19 - 21, 2012 – ARCADIS conducts RFI Investigation activities. Details related to RFI field activities and results are included in this RFI Report.
- January 9, 2013 – The USEPA requests additional soil samples to be collected to verify detected arsenic concentrations are consistent with background conditions.
- May 2013 – GE submits an RFI Work Plan Addendum to USEPA.
- June 24, 2013– USEPA issues written approval of the RFI Work Plan Addendum.

- August 13 - 15, 2013 – ARCADIS conducts Arsenic Background Study activities. Details related to the Arsenic Background Study field activities and results are included in the Arsenic Background Study Letter Report (ARCADIS, 2014) and within this RFI Report.
- March 2014 – GE submits a Final RFI Report to USEPA.

2.5 Solid Waste Management Units

This subsection presents the SWMUs identified by EQB during a March 8, 1988 visual site inspection as part of the RFA.

2.5.1 SWMUs Requiring No Further Action

The RFA identified the following areas as SWMUs and/or AOCs, however, they were not recommended for further action during the RFI activities:

- SWMU #1 – Old Hazardous Wastes Storage Containers Storage Area
- SWMU #2 – Holding Tank
- SWMU #3 – Wastewater Treatment Plan
- SWMU #4 – New Hazardous Wastes Storage Containers Storage Area
- SWMU #7 – Chromium, Cyanide, and Acid/Alkali Concentrated Tanks
- AOC #1 – Raw Material Storage Area I
- AOC #2 – Raw Material Storage Area II
- AOC #3 – Electroplating Area
- AOC #4 – Old Electroplating Area
- AOC #5 – Electroplating Scrubbers and Electroplating Ventilation
- AOC #6 – Dust Collectors and Baghouse Collector

2.5.2 SWMUs Requiring Verification Investigations

RFI activities were conducted to address the following SWMUs based on the findings of the RFA:

- SWMU #5 – Former Electroplating Sumps – consists of the former location of three fiberglass-coated steel sumps used for the containment of chromium, cyanide and an alkali/acid mixture. These sumps were originally used to collect electroplating wastewater. The RFA indicated that these sumps were also used for containing cold waters from the welding processes.

- SWMU #6 – Chromium, Cyanide, and Alkali/Acid Sumps – consists of the former location of three fiberglass-coated steel underground sumps used for the containment of chromium, cyanide and an alkali/acid mixture. Wastewater was received via trenched pipes from the electroplating area. The unit included overflow control.

The sumps associated with the SWMUs are no longer present. SWMU #5 was removed in 1989 and the area surrounding the sumps was remodeled. The sumps associated with SWMU #6 were installed at the original location of SWMU #5. During the remodel, underground piping was installed in concrete slab-covered trenches that connected the sumps to the electroplating area. In 1995, sumps and trenched piping associated with SWMU #6 were removed and replaced with a poured concrete slab. At present, a degreasing machine and a laboratory are located in the former electroplating sump area.

Electroplating sumps used for current Site processes are located above ground and to the north of the locations of SWMU# 5 and SWMU# 6.

2.5.3 Data Needs for the RFI

Based on the findings and recommendations presented in the RFA Report, the following SWMUs, as depicted on Figure 2, were recommended for further investigation as part of the RFI:

- SWMU #5 – Former Electroplating Sumps
- SWMU #6 – Chromium, Cyanide and Acid/Alkali Sumps

The need for soil and groundwater investigation activities were discussed in the RFA and subsequently in a July 12, 2010 USEPA letter to GE. In summary, soil and groundwater investigation activities were requested to be conducted to determine if a release had occurred in the locations of the above listed SWMUs.

3. RFI and Arsenic Background Study Activities

RFI activities consisted of installing a total of 16 soil borings and sampling the on-Site groundwater pumping well to facilitate soil and groundwater characterization. As previously discussed, an RFI Work Plan Addendum (ARCADIS, 2013) was prepared to determine and establish an arsenic background concentration for the site. Arsenic Background Study activities were summarized in an Arsenic Background Study Letter Report (ARCADIS, 2014) and consisted of installing soil borings and conducting soil sampling activities. Descriptions of both the RFI and Arsenic Background Study soil and groundwater activities are presented below.

3.1 RFI Soil Investigation

ARCADIS conducted initial soil investigation activities from March 19 to March 21, 2012. Air monitoring was conducted during sampling activities in accordance with the project-specific Health and Safety Plan (HASP) and Field Sampling Plan (FSP) included with the RFI Work Plan (ARCADIS, 2010).

3.1.1 Boring Locations and Methods

Prior to soil boring installation, Site utilities were cleared by ARCADIS' subcontractor GeoEnviroTech, Inc. (GET). GET used handheld power tools to core through impervious surfaces materials (e.g., concrete, asphalt) at the ground surface. Soil boring locations are shown on Figure 2. Soil boring logs are included as Appendix A.

Once impervious surfaces were removed, ARCADIS installed four soil borings (SB-1 through SB-4) to a depth of approximately 6 feet bgs utilizing a bucket auger.

Soil samples were collected continuously at each boring location from the ground surface to the depth of completion using a bucket auger. An ARCADIS geologist measured and recorded the length of the representative samples recovered from each depth interval and visually characterized each soil sample for soil type and the presence of visual staining, sheen, and odors. Each sample was containerized and labeled with appropriate identification information (e.g., date, depth interval, etc.).

After completing each boring, boreholes were backfilled with cement/bentonite grout and equipment was decontaminated in accordance with the FSP (included in the RFI Work Plan [ARCADIS, 2010]).

Variances in the soil borings completed during the RFI activities relative to the RFI Work Plan consisted of the following:

- SB-2 was not completed at its proposed location due to auger refusal on subgrade impervious surfaces (e.g., concrete, limestone). Due to the potential that refusal was associated with protective structures around utilities, step-out borings were completed in an attempt to locate an appropriate area for the installation of SB-2. Locations where impervious surfaces were encountered were abandoned following auger refusal. The final location of SB-2 was installed outside of the building, south of the proposed location.

3.1.2 Soil Sampling and Analysis

Soil samples collected from depth intervals of 0 to 1 foot, 1 to 2 feet and 2 to 4 feet bgs at each boring location were submitted to TestAmerica Laboratories, Inc. (TestAmerica) located in Amherst, New York for laboratory analysis for the following parameters:

- Total Cyanide
- Hexavalent Chromium
- pH
- Total Metals
- Volatile Organic Compounds (VOCs)

An additional sample collected from the 4 to 6-foot depth interval at each boring was submitted to the laboratory and archived for potential analysis based on the results of the samples collected from overlying depth intervals. None of the archived samples were released for analysis. A soil analytical sample summary is presented in Table 1.

3.2 Arsenic Background Study Activities

ARCADIS conducted arsenic background study activities from August 12 to August 15, 2013. Field activities were conducted in accordance with methodologies and protocols consistent with RFI activities.

3.2.1 Boring Locations and Methods

Prior to soil boring installation, Site utilities were cleared by ARCADIS' subcontractor GET. At select soil boring locations (i.e., ABG-01, ABG-02, and ABG-03), handheld power tools were utilized to core through impervious surfaces materials (e.g., asphalt) at the ground surface. Soil boring locations are shown on Figure 3. Soil boring logs are included as Appendix A.

Once impervious surfaces were removed, GET drilled twelve soil borings (ABG-01 through ABG-12) to a depth of approximately 4 feet bgs utilizing a jackhammer equipped with a macrocore sampling sleeve. Soil samples were collected continuously at each boring location from the ground surface to the depth of completion. An ARCADIS geologist measured and recorded the length of the representative samples recovered from each depth interval and visually characterized each soil sample for soil type and the presence of visual staining, sheen, and odors. Each sample was containerized and labeled with appropriate identification information (e.g., date, depth interval, etc.).

After completing each boring, boreholes were backfilled with cement/bentonite grout and equipment was decontaminated consistent with previous soil sampling activities conducted at the Site.

3.2.2 Soil Sampling and Analysis

Consistent with the initial RFI soil sampling conducted at the Site, soil samples were collected from depth intervals of 0 to 1 foot, 1 to 2 feet and 2 to 4 feet bgs at each boring location and were submitted to TestAmerica for laboratory analysis of arsenic. A soil analytical sample summary is presented in Table 1.

3.3 Groundwater Investigation

ARCADIS conducted groundwater sampling activities on March 21, 2012 in accordance with the project-specific HASP and associated FSP included with the RFI Work Plan (ARCADIS, 2010). Details of the groundwater sampling activities are described below.

3.3.1 Groundwater Sampling and Methods

One groundwater sample was collected from the existing on-Site groundwater pumping well via an integrated tap/port within the pumping system. The tap/port was purged for several minutes prior to collection of sample media into sample bottles. The groundwater sample was submitted to TestAmerica for analyses of the following parameters:

- Cyanide
- Hexavalent Chromium
- Total Metals
- VOCs

A groundwater analytical sample summary is presented in Table 1.

3.4 Data Validation

Analytical data validation was provided by TestAmerica Laboratories, Inc. of Puerto Rico. Lab report cover pages have been stamped and signed by a Puerto Rico-licensed data validator and are included as Appendix B. As indicated on the validated laboratory report cover sheet, the test results have been certified to meet all 2003 National Environmental Laboratory Accreditation Conference (NELAC) and 2009 The NELAC Institute (TNI) requirements for accredited parameters.

4. RFI and Arsenic Background Study Results

This section presents the results of the RFI and Arsenic Background Study activities. Soil and groundwater results were compared to the most recent USEPA Region 2 Industrial Regional Screening Levels (RSLs).

4.1 Soil Quality

Soil borings were completed at the locations shown on Figures 2 and 3. Soil boring logs are included as Appendix A.

Results obtained from the laboratory analysis of the soil samples collected during the RFI and Arsenic Background Study activities are presented in Tables 2 and 3, respectively. Laboratory Data Packages are included as Appendix C.

4.1.1 Inorganics

Arsenic was detected in each of the RFI and Arsenic Background Study soil samples with the exception of ABG-01 (2-4') at concentrations ranging from an estimated 0.43 milligrams per kilogram (mg/kg) to 23.1 mg/kg. The RSL for arsenic is 3 mg/kg. Arsenic was not detected at concentrations exceeding its generic Soil Screening Level (SSL) for migration to groundwater, i.e., 29 mg/kg, based on a dilution attenuation factor (DAF) of 20 (USEPA 1996). Arsenic was never used at the site as part of electroplating activities.

Inorganics commonly utilized in the electroplating activities (i.e., copper, nickel, silver and zinc) were detected in soil samples at concentrations several orders of magnitude below RSLs.

No other inorganics were detected at concentrations exceeding the RSLs.

4.1.2 Volatile Organic Compounds

VOCs were not detected in any of the RFI soil samples at concentrations exceeding RSLs.

4.1.3 Cyanide

Cyanide was not detected in any of the RFI soil samples at concentrations exceeding the RSL of 130 mg/kg.

4.1.4 Hexavalent Chromium

Hexavalent chromium was detected in eleven of the RFI soil samples at concentrations ranging from 0.31 to 2.3 mg/kg. These concentrations are less than the RSL of 6.3 mg/kg for hexavalent chromium.

4.2 Groundwater Quality

This section discusses groundwater quality based on analytical results of the sample collected from the on-Site groundwater pumping well.

Results obtained from the laboratory analysis of the soil samples collected during the RFI activities are presented in Table 3. Laboratory Data Packages are included as Appendix C.

4.2.1 Metals

Several common metals (barium, calcium, chromium, copper, magnesium, potassium, sodium, vanadium, and zinc) were detected in the groundwater sample collected at the on-site pumping well. No metals were detected in the sample at concentrations exceeding RSLs.

4.2.2 VOCs

Chloroform and tetrachloroethene were detected in the groundwater sample collected at the on-Site pumping well at estimated concentrations of 0.45 and 0.6 micrograms per liter (ug/L), respectively. These concentrations are only slightly greater than laboratory detection limits and are well below their associated RSLs.

4.2.3 Cyanide

Cyanide was not detected in the groundwater sample collected at the on-site pumping well.

4.2.4 Hexavalent Chromium

Hexavalent chromium was not detected in the groundwater sample collected at the on-site pumping well.

4.3 Decontamination and Investigation Derived Waste Management

Investigation-derived waste (IDW) (e.g., soil cuttings, decontamination water, personal protective equipment [PPE]) was drummed and staged on-Site pending disposal. Drums were labeled with non-hazardous labels describing the drum contents, as well as start and end accumulation dates. A composite soil waste characterization sample was collected and submitted to TestAmerica Laboratories, Inc. for analysis for toxicity characteristic leaching procedure (TCLP) VOCs, semi-volatile organic compounds (SVOCs), metals, polychlorinated-biphenyls (PCBs), ignitability, reactivity and corrosivity. A composite liquid waste characterization sample was collected and submitted for laboratory analysis of total VOCs, SVOCs, metals, PCBs, ignitability, reactivity and corrosivity. A soil waste characterization summary is included as Table 5 and a liquid waste characterization summary is included as Table 6.

5. Conclusions

Based on the results of the RFI, SWMU #5 and SWMU #6 have been adequately characterized. Conclusions based on the results of the RFI are as follows:

- Arsenic was the only constituent detected at concentrations exceeding RSLs. Arsenic was never used as part of the site operations. Additionally, arsenic was not detected at concentrations greater than the generic SSL for protection of groundwater (USEPA, 1996).
- The on-site soils where arsenic was detected are located beneath concrete or asphalt and are not readily accessible to create a complete exposure pathway to human beings
- A 2004 study of arsenic in native soils of Puerto Rico (Blasland, Bouck & Lee, Inc., September 2004) concluded the following:

Both the USEPA and the EQB have agreed on several sites (e.g., Juncos Landfill, Barceloneta Landfill, Fibers Public Water Supply Wells) that detected arsenic concentrations were within ranges of natural concentrations in soils. It is reported for many sites that arsenic is naturally present in the soils of Puerto Rico at concentrations up to, and in some cases exceeding, 22 mg/kg. Therefore, it is reasonable to conclude that arsenic is present in the native soils of Puerto Rico and can occur naturally in soil at concentrations of 22 mg/kg or higher.

- None of the metals that were used as part of electroplating operations (i.e., copper, nickel, silver and zinc) were detected at concentrations exceeding RSLs.
- Both SWMUs 5 and 6 included sumps for the storage of chromium, cyanide and an alkali/acid mixture. Neither hexavalent chromium nor cyanide was detected in soil or groundwater at concentrations exceeding RSLs. Additionally, the pH of water sample collected from the on-Site groundwater pumping well was normal (7.18/7.29).
- No VOCs were detected in soil samples at concentrations exceeding RSLs.
- Only common metals were detected in groundwater and none were detected at concentrations exceeding RSLs.

- Only two VOCs (chloroform and tetrachloroethylene) were detected at estimated concentrations in the groundwater sample and no constituents were detected at concentrations exceeding RSLs.

As indicated previously in the Arsenic Background Study Letter Report (ARCADIS, 2014), current and future use of the Site is anticipated to be industrial. If the proposed use of the Site changes in the future, then the USEPA will be contacted to discuss future site intentions.

Based on the findings of the RFI Report and Arsenic Background Study, no further action is recommended for the Site.

6. References

ARCADIS, 2010. *RCRA Facility Investigation Work Plan – Caribe General Electric Products, Inc. – Arecibo, Puerto Rico.*

ARCADIS, 2013. *RCRA Facility Investigation Work Plan Addendum – Caribe General Electric Products, Inc. – Arecibo, Puerto Rico.*

ARCADIS, 2014. *General Electric Energy Management – Industrial Solutions, Arecibo, Puerto Rico (EPA ID No. PRD090383860) Arsenic Background Study Letter Report.*

Environmental Quality Board Land Pollution Control Area, 1988. *RCRA Facility Assessment Report – Caribe General Electric Products, Inc. – Arecibo, Puerto Rico.*

United States Environmental Protection Agency, 2005. *Uniform Federal Policy for Quality Assurance Project Plans.*

United States Environmental Protection Agency, 2010. *Regional Screening Levels for Chemical Constituents at Superfund Sites.*

USEPA, 1996, *Soil Screening Guidance: Technical Background Document (EPA/540/R-95/128).*

Tables

Table 1
Sample Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location	Depth	Date	VOCs (SW-846 8260B)	Inorganics (SW-846 6010)	Arsenic Only (SW-846 6010)	Hexavalent Chromium (SW-846 7196A)	Mercury (SW-846 7470/7471A)	Cyanide (SW-846 9012/9012A)	pH (SW-846 9040B)
Soil Samples									
SB-1 (0 - 1)	0 - 1	3/20/2012	x	x		x	x	x	x
SB-1 (1 - 2)	1 - 2	3/20/2012	x	x		x	x	x	x
SB-1 (2 - 4)	2 - 4	3/20/2012	x	x		x	x	x	x
SB-2 (0 - 1)	0 - 1	3/21/2012	x	x		x	x	x	x
SB-2 (1 - 2)	1 - 2	3/21/2012	x	x		x	x	x	x
SB-2 (2 - 4)	2 - 4	3/21/2012	x	x		x	x	x	x
SB-3 (0 - 1)	0 - 1	3/20/2012	x	x		x	x	x	x
SB-3 (1 - 2)	1 - 2	3/20/2012	x	x		x	x	x	x
SB-3 (2 - 4)	2 - 4	3/20/2012	x	x		x	x	x	x
SB-4 (0 - 1)	0 - 1	3/20/2012	x	x		x	x	x	x
SB-4 (1 - 2)	1 - 2	3/20/2012	x	x		x	x	x	x
SB-4 (2 - 4)	2 - 4	3/20/2012	x	x		x	x	x	x
ABG-01	0 - 1	8/13/2013			x				
ABG-01	1 - 2	8/13/2013			x				
ABG-01	2 - 4	8/13/2013			x				
ABG-02	0 - 1	8/13/2013			x				
ABG-02	1 - 2	8/13/2013			x				
ABG-02	2 - 4	8/13/2013			x				
ABG-03	0 - 1	8/13/2013			x				
ABG-03	1 - 2	8/13/2013			x				
ABG-03	2 - 4	8/13/2013			x				
ABG-04	0 - 1	8/15/2013			x				
ABG-04	1 - 2	8/15/2013			x				
ABG-04	2 - 4	8/15/2013			x				
ABG-05	0 - 1	8/15/2013			x				
ABG-05	1 - 2	8/15/2013			x				
ABG-05	2 - 4	8/15/2013			x				
ABG-06	0 - 1	8/15/2013			x				
ABG-06	1 - 2	8/15/2013			x				
ABG-06	2 - 4	8/15/2013			x				
ABG-07	0 - 1	8/15/2013			x				
ABG-07	1 - 2	8/15/2013			x				
ABG-07	2 - 4	8/15/2013			x				
ABG-08	0 - 1	8/14/2013			x				
ABG-08	1 - 2	8/14/2013			x				
ABG-08	2 - 4	8/14/2013			x				
ABG-09	0 - 1	8/14/2013			x				
ABG-09	1 - 2	8/14/2013			x				
ABG-09	2 - 4	8/14/2013			x				
ABG-10	0 - 1	8/14/2013			x				
ABG-10	1 - 2	8/14/2013			x				
ABG-10	2 - 4	8/14/2013			x				
ABG-11	0 - 1	8/14/2013			x				
ABG-11	1 - 2	8/14/2013			x				
ABG-11	2 - 4	8/14/2013			x				
ABG-12	0 - 1	8/14/2013			x				
ABG-12	1 - 2	8/14/2013			x				
ABG-12	2 - 4	8/14/2013			x				
Groundwater Samples									
GPW	--	3/21/2012	x	x		x	x	x	x

Notes:

1. Samples collected by ARCADIS on the dates indicated.
2. Samples analyzed by TestAmerica located in Amherst, New York.

Table 2
RFI Soil Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID: Sample Depth(Feet): Date Collected:	USEPA Regional Screening Levels (Industrial Soil)	Units	SB-1 0 - 1 03/20/12	SB-1 1 - 2 03/20/12	SB-1 2 - 4 03/20/12	SB-2 0 - 1 03/21/12	SB-2 1 - 2 03/21/12	SB-2 2 - 4 03/21/12	SB-3 0 - 1 03/20/12	SB-3 1 - 2 03/20/12	SB-3 2 - 4 03/20/12	SB-4 0 - 1 03/20/12	SB-4 1 - 2 03/20/12	SB-4 2 - 4 03/20/12
Volatiles Organics														
1,1,1-Trichloroethane	36,000	mg/kg	0.00041 U	0.00041 U	0.00041 U [0.00044 U]	0.00042 U	0.00038 U	0.00046 U	0.00039 U	0.00041 U	0.00037 U	0.0004 U	0.00045 U	0.00042 U
1,1,2,2-Tetrachloroethane	2.7	mg/kg	0.00092 U	0.00092 U	0.00091 U [0.00098 U]	0.00093 U	0.00086 U	0.001 U	0.00088 U	0.00091 U	0.00083 U	0.00089 U	0.001 U	0.00093 U
1,1,2-trichloro-1,2,2-trifluoroethane	170,000	mg/kg	0.0013 U	0.0013 U	0.0013 U [0.0014 U]	0.0013 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0013 U
1,1,2-Trichloroethane	5	mg/kg	0.00074 U	0.00074 U	0.00073 U [0.00078 U]	0.00074 U	0.00069 U	0.00082 U	0.00071 U	0.00073 U	0.00066 U	0.00071 U	0.00081 U	0.00075 U
1,1-Dichloroethane	16	mg/kg	0.00069 U	0.00069 U	0.00068 U [0.00074 U]	0.0007 U	0.00065 U	0.00077 U	0.00066 U	0.00069 U	0.00062 U	0.00067 U	0.00076 U	0.0007 U
1,1-Dichloroethene	1,000	mg/kg	0.0007 U	0.00069 U	0.00068 U [0.00074 U]	0.0007 U	0.00065 U	0.00077 U	0.00067 U	0.00069 U	0.00062 U	0.00067 U	0.00076 U	0.0007 U
1,2,4-Trichlorobenzene	110	mg/kg	0.00035 U	0.00034 U	0.00034 U [0.00037 U]	0.00035 U	0.00032 U	0.00038 U	0.00033 U	0.00034 U	0.00031 U	0.00033 U	0.00038 U	0.00035 U
1,2-Dibromo-3-chloropropane	0.064	mg/kg	0.0028 U	0.0028 U	0.0028 U [0.003 U]	0.0029 U	0.0027 U	0.0032 U	0.0027 U	0.0028 U	0.0025 U	0.0027 U	0.0031 U	0.0029 U
1,2-Dibromoethane	0.16	mg/kg	0.00073 U	0.00073 U	0.00072 U [0.00077 U]	0.00073 U	0.00068 U	0.00081 U	0.0007 U	0.00072 U	0.00065 U	0.0007 U	0.0008 U	0.00074 U
1,2-Dichlorobenzene	9,300	mg/kg	0.00044 U	0.00044 U	0.00044 U [0.00047 U]	0.00045 U	0.00041 U	0.00049 U	0.00043 U	0.00044 U	0.0004 U	0.00043 U	0.00048 U	0.00045 U
1,2-Dichloroethane	2	mg/kg	0.00029 U	0.00028 U	0.00028 U [0.0003 U]	0.00029 U	0.00027 U	0.00032 U	0.00027 U	0.00028 U	0.00026 U	0.00028 U	0.00031 U	0.00029 U
1,2-Dichloropropane	4.4	mg/kg	0.0028 U	0.0028 U	0.0028 U [0.003 U]	0.0029 U	0.0027 U	0.0032 U	0.0027 U	0.0028 U	0.0025 U	0.0027 U	0.0031 U	0.0029 U
1,3-Dichlorobenzene	-	mg/kg	0.00029 U	0.00029 U	0.00029 U [0.00031 U]	0.00029 U	0.00027 U	0.00032 U	0.00028 U	0.00029 U	0.00026 U	0.00028 U	0.00032 U	0.0003 U
1,4-Dichlorobenzene	11	mg/kg	0.0008 U	0.00079 U	0.00078 U [0.00084 U]	0.0008 U	0.00074 U	0.00088 U	0.00076 U	0.00079 U	0.00071 U	0.00077 U	0.00087 U	0.00081 U
2-Butanone	190,000	mg/kg	0.0021 U	0.0021 U	0.002 U [0.0022 U]	0.0021 U	0.0019 U	0.0023 U	0.002 U	0.0021 U	0.0019 U	0.002 U	0.0023 U	0.0021 U
2-Hexanone	1,300	mg/kg	0.0028 U	0.0028 U	0.0028 U [0.003 U]	0.0029 U	0.0027 U	0.0032 U	0.0027 U	0.0028 U	0.0025 U	0.0027 U	0.0031 U	0.0029 U
4-Methyl-2-pentanone	56,000	mg/kg	0.0019 U	0.0019 U	0.0018 U [0.002 U]	0.0019 U	0.0017 U	0.0021 U	0.0018 U	0.0018 U	0.0017 U	0.0018 U	0.002 U	0.0019 U
Acetone	670,000	mg/kg	0.0073 J	0.014 J	0.0069 J [0.006 J]	0.008 J	0.0045 U	0.0053 U	0.0046 U	0.0047 U	0.0051 J	0.0046 U	0.0052 U	0.0071 J
Benzene	5.1	mg/kg	0.00028 U	0.00028 U	0.00027 U [0.0003 U]	0.00028 U	0.00026 U	0.00031 U	0.00027 U	0.00028 U	0.00025 U	0.00027 U	0.0003 U	0.00028 U
Bromodichloromethane	1.3	mg/kg	0.00076 U	0.00076 U	0.00075 U [0.00081 U]	0.00077 U	0.00071 U	0.00085 U	0.00073 U	0.00076 U	0.00068 U	0.00073 U	0.00083 U	0.00077 U
Bromoform	290	mg/kg	0.0028 U	0.0028 U	0.0028 U [0.003 U]	0.0029 U	0.0027 U	0.0032 U	0.0027 U	0.0028 U	0.0025 U	0.0027 U	0.0031 U	0.0029 U
Bromomethane	30	mg/kg	0.00051 U	0.00051 U	0.0005 U [0.00054 U]	0.00052 U	0.00048 U	0.00057 U	0.00049 U	0.00051 U	0.00046 U	0.00049 U	0.00056 U	0.00052 U
Carbon Disulfide	3,500	mg/kg	0.0028 U	0.0028 U	0.0028 U [0.003 U]	0.0029 U	0.0027 U	0.0032 U	0.0027 U	0.0028 U	0.0025 U	0.0027 U	0.0031 U	0.0029 U
Carbon Tetrachloride	2.9	mg/kg	0.00055 U	0.00055 U	0.00054 U [0.00058 U]	0.00055 U	0.00051 U	0.00061 U	0.00053 U	0.00055 U	0.00049 U	0.00053 U	0.0006 U	0.00056 U
Chlorobenzene	1,300	mg/kg	0.00075 U	0.00075 U	0.00074 U [0.0008 U]	0.00076 U	0.0007 U	0.00083 U	0.00072 U	0.00074 U	0.00067 U	0.00072 U	0.00082 U	0.00076 U
Chloroethane	57,000	mg/kg	0.0013 U	0.0013 U	0.0013 U [0.0014 U]	0.0013 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0013 U
Chloroform	1.4	mg/kg	0.00035 U	0.00035 U	0.00035 U [0.00037 U]	0.00035 U	0.00033 U	0.00039 U	0.00034 U	0.00035 U	0.00031 U	0.00034 U	0.00038 U	0.00036 U
Chloromethane	460	mg/kg	0.00034 U	0.00034 U	0.00034 U [0.00036 U]	0.00035 U	0.00032 U	0.00038 U	0.00033 U	0.00034 U	0.00031 U	0.00033 U	0.00037 U	0.00035 U
cis-1,2-Dichloroethene	2,300	mg/kg	0.00073 U	0.00072 U	0.00072 U [0.00077 U]	0.00073 U	0.00068 U	0.00081 U	0.0007 U	0.00072 U	0.00065 U	0.0007 U	0.00079 U	0.00074 U
cis-1,3-Dichloropropene	8.2	mg/kg	0.00082 U	0.00081 U	0.00081 U [0.00087 U]	0.00082 U	0.00076 U	0.00091 U	0.00078 U	0.00081 U	0.00073 U	0.00079 U	0.00089 U	0.00083 U
Cyclohexane	27,000	mg/kg	0.0008 U	0.00079 U	0.00078 U [0.00084 U]	0.0008 U	0.00074 U	0.00088 U	0.00076 U	0.00079 U	0.00071 U	0.00077 U	0.00087 U	0.00081 U
Dibromochloromethane	3.2	mg/kg	0.00073 U	0.00072 U	0.00072 U [0.00077 U]	0.00073 U	0.00068 U	0.00081 U	0.0007 U	0.00072 U	0.00065 U	0.0007 U	0.00079 U	0.00074 U
Dichlorodifluoromethane	370	mg/kg	0.00047 U	0.00047 U	0.00046 U [0.0005 U]	0.00047 U	0.00044 U	0.00052 U	0.00045 U	0.00047 U	0.00042 U	0.00045 U	0.00051 U	0.00048 U
Ethylbenzene	25	mg/kg	0.00039 U	0.00039 U	0.00039 U [0.00042 U]	0.00039 U	0.00037 U	0.00044 U	0.00038 U	0.00039 U	0.00035 U	0.00038 U	0.00043 U	0.0004 U
Isopropylbenzene	9,900	mg/kg	0.00086 U	0.00085 U	0.00084 U [0.00091 U]	0.00086 U	0.0008 U	0.00095 U	0.00082 U	0.00085 U	0.00077 U	0.00083 U	0.00093 U	0.00087 U
Methyl acetate	1,200,000	mg/kg	0.0011 U	0.0011 U	0.001 U [0.0011 U]	0.0011 U	0.00099 U	0.0012 U	0.001 U	0.001 U	0.00095 U	0.001 U	0.0012 U	0.0011 U
Methyl tert-butyl ether	210	mg/kg	0.00056 U	0.00056 U	0.00055 U [0.00059 U]	0.00056 U	0.00052 U	0.00062 U	0.00053 U	0.00055 U	0.0005 U	0.00054 U	0.00061 U	0.00056 U
Methylcyclohexane	-	mg/kg	0.00086 U	0.00086 U	0.00085 U [0.00092 U]	0.00087 U	0.00081 U	0.00096 U	0.00083 U	0.00086 U	0.00077 U	0.00083 U	0.00094 U	0.00087 U
Methylene Chloride	1,000	mg/kg	0.0026 U	0.0026 U	0.0026 U [0.0028 U]	0.0026 U	0.0024 U	0.0029 U	0.0025 U	0.0026 U	0.0023 U	0.0025 U	0.0029 U	0.0026 U
Styrene	35,000	mg/kg	0.00028 U	0.00028 U	0.00028 U [0.0003 U]	0.00029 U	0.00027 U	0.00032 U	0.00027 U	0.00028 U	0.00025 U	0.00027 U	0.00031 U	0.00029 U
Tetrachloroethene	100	mg/kg	0.00076 U	0.00076 U	0.00075 U [0.00081 U]	0.00077 U	0.00071 U	0.00085 U	0.00073 U	0.00076 U	0.00068 U	0.00074 U	0.00083 U	0.00077 U
Toluene	47,000	mg/kg	0.00043 U	0.00043 U	0.00042 U [0.00046 U]	0.00043 U	0.0004 U	0.00048 U	0.00041 U	0.00043 U	0.00039 U	0.00041 U	0.00047 U	0.00043 U
trans-1,2-Dichloroethene	23,000	mg/kg	0.00059 U	0.00058 U	0.00058 U [0.00062 U]	0.00059 U	0.00055 U	0.00065 U	0.00056 U	0.00058 U	0.00053 U	0.00057 U	0.00064 U	0.00059 U
trans-1,3-Dichloropropene	8.2	mg/kg	0.0025 U	0.0025 U	0.0025 U [0.0027 U]	0.0025 U	0.0023 U	0.0028 U	0.0024 U	0.0024 U	0.0022 U	0.0024 U	0.0027 U	0.0025 U
Trichloroethene	6	mg/kg	0.0013 U	0.0012 U	0.0012 U [0.0013 U]	0.0013 U	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0014 U	0.0013 U
Trichlorofluoromethane	3,100	mg/kg	0.00054 U	0.00054 U	0.00053 U [0.00057 U]	0.00054 U	0.0005 U	0.0006 U	0.00051 U	0.00053 U	0.00048 U	0.00052 U	0.00059 U	0.00054 U
Vinyl Chloride	1.7	mg/kg	0.00069 U	0.00069 U	0.00068 U [0.00074 U]	0.0007 U	0.00065 U	0.00077 U	0.00066 U	0.00069 U	0.00062 U	0.00067 U	0.00076 U	0.0007 U
Xylenes (total)	2,500	mg/kg	0.00096 U	0.00095 U	0.00094 U [0.001 U]	0.00096 U	0.00089 U	0.0011 U	0.00091 U	0.00095 U	0.00086 U	0.00092 U	0.001 U	0.00097 U

Table 2
RFI Soil Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID:	USEPA Regional Screening Levels		SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-3	SB-3	SB-4	SB-4	SB-4
Sample Depth(Feet):	(Industrial Soil)	Units	0 - 1	1 - 2	2 - 4	0 - 1	1 - 2	2 - 4	0 - 1	1 - 2	2 - 4	0 - 1	1 - 2	2 - 4
Date Collected:			03/20/12	03/20/12	03/20/12	03/21/12	03/21/12	03/21/12	03/20/12	03/20/12	03/20/12	03/20/12	03/20/12	03/20/12
Inorganics														
Aluminum	1,100,000	mg/kg	2,390	4,670	8,240 [8,810]	5,140	2,550	8,070	3,900	11,900	4,960	3,500	10,900	6,930
Antimony	470	mg/kg	0.59 U	0.63 U	0.64 U [0.63 U]	0.58 U	0.57 U	0.67 U	0.63 U	0.63 U	0.65 U	0.67 J	0.61 U	0.62 U
Arsenic	3	mg/kg	8.4	3.5	5.4 [4]	2.1	0.75 J	5.5	2.8	8.1	3.8	23.1	17.2	4.7
Barium	220,000	mg/kg	6.1	6.4	3.6 [4]	26.1	5.6	4	4.2	3.8	3.6	5.6	4.9	2.3
Beryllium	2,300	mg/kg	0.036 J	0.032 U	0.044 J [0.033 U]	0.035 J	0.03 U	0.035 U	0.033 U	0.035 J	1.4	0.16 J	0.032 U	0.032 U
Cadmium	980	mg/kg	0.5	0.039 J	0.035 U [0.035 U]	0.81	0.086 J	0.037 U	0.098 J	0.035 U	0.036 U	0.12 J	0.034 U	0.035 U
Calcium	--	mg/kg	283,000 B	1,240 B	859 B [885 B]	195,000 B	1,240 B	974 B	2,920 B	902 B	221 B	321,000 B	1,190 B	95.6 B
Chromium	1,800,000	mg/kg	30	23.1	41.8 [34.4]	59	6.8	41.3	39.8	55.6	37.7	38.9	65.6	55.3
Cobalt	350	mg/kg	2.6	0.33 J	0.059 U [0.058 U]	2.5	1	0.13 J	0.49 J	0.058 U	0.13 J	2.9	0.057 U	0.49 J
Copper	47,000	mg/kg	132	6.3	6 [5.8]	313	6.9	9.3	33	5.9	4	12.6	3.9	7.2
Iron	820,000	mg/kg	7,690 B	20,200 B	73,300 B [61,400 B^]	7,950 B	7,020 B	45,400 B	21,600 B	70,200 B	28,300 B	13,700 B	57,600 B	43,100 B
Lead	800	mg/kg	4.4	5.3	2.9 [2.9]	7.5	19.1	3	4.4	5.5	3.9	1.3	5.1	2.8
Magnesium	--	mg/kg	1,910 B	76.7 B	82 B [85.3 B]	2,950 B	91.6 B	61.8 B	85.5 B	39.9 B	38.6 B	1,810 B	63.4 B	38 B
Manganese	26,000	mg/kg	72.2	31.5	12.6 [10.3]	126	121	17.6	40.3	11.3	16	273	4.4	28.7
Mercury	40	mg/kg	0.07	0.086	0.1 [0.082]	0.12	0.11	0.052	0.035	0.38	0.021 J	0.012 J	0.3	0.0095 U
Nickel	22,000	mg/kg	90.5	2.4 J	2.3 J [2.1 J]	148	5.4	3.4 J	248	16	3.6 J	12.6	1.9 J	2.1 J
Potassium	--	mg/kg	122	127	158 [190]	451	95.4	155	500	1,150	660	144	122	88.3
Selenium	5,800	mg/kg	0.62 U	1.5 J	2.3 J [2 J]	0.61 U	0.61 U	2 J	0.77 J	2.4 J	1.3 J	0.68 U	2.6 J	1.1 J
Silver	5,800	mg/kg	43.6	0.75	0.24 U [0.23 U]	49.8	0.46 J	0.25 U	7.8	0.23 U	0.24 U	0.24 U	0.23 U	0.23 U
Sodium	--	mg/kg	76.3 J	62.8 J	85.8 J [95.7 J]	206	25.3 J	45.1 J	152 J	328	162 J	60.1 J	73.8 J	20.6 J
Thallium	12	mg/kg	0.33 U	0.35 U	0.35 U [0.35 U]	0.32 U	0.32 U	0.37 U	0.35 U	0.35 U	0.36 U	0.36 U	0.34 U	0.35 U
Vanadium	5,800	mg/kg	32.6	82.3	222 [189]	26.4	20.7	136	129	305	147	51.5	380	147
Zinc	350,000	mg/kg	954	16.3	4.7 [4.4]	560	21.4	8.6	285	20.8	6	13.9	2.9	6.6
Miscellaneous														
Chromium, hexavalent	6.3	mg/kg	1.4	1.7	0.82 J [0.54 J]	0.77 J	0.31 J	0.44 J	0.38 J	2.3	1	0.3 U	1.3	0.45 J
Cyanide	130	mg/kg	1.2	0.52 U	0.54 U [0.55 U]	0.57 J	0.47 U	0.61 J	0.52 U	0.57 U	0.53 J	0.62 J	0.81 J	0.53 U
pH	--	SU	8.43	7.9	7.26 [6.97]	8.13	8.02	7.29	8.21	5.31	4.33	8.18	6.86	4.96

Notes:

- Samples collected by ARCADIS on the dates indicated.
- Samples analyzed by TestAmerica located in Amherst, New York.
- Concentrations reported in milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm) unless otherwise noted.
- J - Indicates an estimated value.
- U - Indicates that the compound was analyzed for but not detected. The associated value is the compound quantitation limit.
- B - Indicates an estimated value between the instrument detection limit and the Reporting Limit (RL).
- Screening criteria represent the USEPA Regional Screening Levels (RSLs) for industrial soil, January 2015.
RSLs correspond to a carcinogenic risk of one in one million (1x10⁻⁶) and a noncarcinogenic hazard index of 1.
- The following surrogates and assumptions were used for screening:

Cadmium - Diet	Mercury - Elemental Mercury	Antimony - Antimony (metallic)
Manganese - Non-diet	Vanadium - Vanadium & Compounds	Lead - Lead & Compounds
Nickel - Nickel Soluble Salts	Chromium - Chromium III	Thallium - Thallium (Soluble Salts)
- 1,3-Dichloropropene - cis- & trans-1,3-Dichloropropene
- Indicates that no RSL is available for this constituent.
- Highlighted and bolded values indicates that detected concentration is greater than the associated RSL.
- [] Results shown in brackets represent field duplicates.

Table 3
Arsenic Background Study Soil Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID:	Depth (Feet)	Date Collected	Arsenic mg/kg
Regional Screening Level			2.4 ¹
ABG-01	0 - 1	8/13/2013	2 J
	1 - 2	8/13/2013	0.47 J
	2 - 4	8/13/2013	0.43 U
ABG-02	0 - 1	8/13/2013	5.2
	1 - 2	8/13/2013	1.8 J
	2 - 4	8/13/2013	1.3 J
ABG-03	0 - 1	8/13/2013	5.3
	1 - 2	8/13/2013	3.5
	2 - 4	8/13/2013	3.5
ABG-04	0 - 1	8/15/2013	2.3 J
	1 - 2	8/15/2013	0.81 J
	2 - 4	8/15/2013	0.73 J
ABG-05	0 - 1	8/15/2013	4.6
	1 - 2	8/15/2013	1.4 J
	2 - 4	8/15/2013	1.2 J
ABG-06	0 - 1	8/15/2013	2.7
	1 - 2	8/15/2013	0.65 J
	2 - 4	8/15/2013	4.4
ABG-07	0 - 1	8/15/2013	2.4
	1 - 2	8/15/2013	1.3 J
	2 - 4	8/15/2013	1.9 J
ABG-08	0 - 1	8/14/2013	1.8 J
	1 - 2	8/14/2013	1.4 J
	2 - 4	8/14/2013	0.93 J
ABG-09	0 - 1	8/14/2013	1.2 J
	1 - 2	8/14/2013	1.2 J
	2 - 4	8/14/2013	1.9 J
ABG-10	0 - 1	8/14/2013	2.1
	1 - 2	8/14/2013	1.1 J
	2 - 4	8/14/2013	1.3 J
ABG-11	0 - 1	8/14/2013	1.2 J
	1 - 2	8/14/2013	0.59 J
	2 - 4	8/14/2013	0.87 J
ABG-12	0 - 1	8/14/2013	0.94 J
	1 - 2	8/14/2013	0.56 J
	2 - 4	8/14/2013	1.1 J [1.4 J]

Notes:

1. Regional Screening Level is from May 2013 - Industrial Soil RSL for arsenic.
2. Shading indicates exceedance of Regional Screening Level.
3. J = Estimated value.
4. U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 4
Groundwater Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID: Date Collected:	Regional Screening Level	Units	GPW 03/21/12
Volatile Organics			
1,1,1-Trichloroethane	200	ug/L	0.82 U [0.82 U]
1,1,1,2,2-Tetrachloroethane	0.067	ug/L	0.21 U [0.21 U]
1,1,2-trichloro-1,2,2-trifluoroethane	- -	ug/L	0.31 U [0.31 U]
1,1,2-Trichloroethane	5	ug/L	0.23 U [0.23 U]
1,1-Dichloroethane	2.4	ug/L	0.38 U [0.38 U]
1,1-Dichloroethene	7	ug/L	0.29 U [0.29 U]
1,2,4-Trichlorobenzene	70	ug/L	0.41 U [0.41 U]
1,2-Dibromo-3-chloropropane	0.2	ug/L	0.39 U [0.39 U]
1,2-Dibromoethane	5	ug/L	0.73 U [0.73 U]
1,2-Dichlorobenzene	370	ug/L	0.79 U [0.79 U]
1,2-Dichloroethane	5	ug/L	0.21 U [0.21 U]
1,2-Dichloropropane	5	ug/L	0.72 U [0.72 U]
1,3-Dichlorobenzene	- -	ug/L	0.78 U [0.78 U]
1,4-Dichlorobenzene	0.43	ug/L	0.84 U [0.84 U]
2-Butanone	7,100	ug/L	1.3 U [1.3 U]
2-Hexanone	47	ug/L	1.2 U [1.2 U]
4-Methyl-2-pentanone	2,000	ug/L	2.1 U [2.1 U]
Acetone	22,000	ug/L	3 U [3 U]
Benzene	5	ug/L	0.41 U [0.41 U]
Bromodichloromethane	0.12	ug/L	0.39 U [0.39 U]
Bromoform	8.5	ug/L	0.26 U [0.26 U]
Bromomethane	8.7	ug/L	0.69 U [0.69 U]
Carbon Disulfide	1,000	ug/L	0.19 U [0.19 U]
Carbon Tetrachloride	5	ug/L	0.27 U [0.27 U]
Chlorobenzene	100	ug/L	0.75 U [0.75 U]
Chloroethane	- -	ug/L	0.32 U [0.32 U]
Chloroform	80	ug/L	0.45 U [0.34 U]
Chloromethane	190	ug/L	0.35 U [0.35 U]
cis-1,2-Dichloroethene	70	ug/L	0.81 U [0.81 U]
cis-1,3-Dichloropropene	0.43	ug/L	0.36 U [0.36 U]
Cyclohexane	13	ug/L	0.18 U [0.18 U]
Dibromochloromethane	0.15	ug/L	0.32 U [0.32 U]
Dichlorodifluoromethane	390	ug/L	0.68 U [0.68 U]
Ethylbenzene	700	ug/L	0.74 U [0.74 U]
Isopropylbenzene	680	ug/L	0.79 U [0.79 U]
Methyl acetate	7.5	ug/L	0.5 U [0.5 U]
Methyl tert-butyl ether	0.0028	ug/L	0.16 U [0.16 U]
Methylcyclohexane	- -	ug/L	0.16 U [0.16 U]
Methylene Chloride	5	ug/L	0.44 U [0.44 U]
Styrene	100	ug/L	0.73 U [0.73 U]
Tetrachloroethene	5	ug/L	0.6 U [0.58 U]
Toluene	1,000	ug/L	0.51 U [0.51 U]
trans-1,2-Dichloroethene	100	ug/L	0.9 U [0.9 U]
trans-1,3-Dichloropropene	0.43	ug/L	0.37 U [0.37 U]
Trichloroethene	5	ug/L	0.46 U [0.46 U]
Trichlorofluoromethane	1,300	ug/L	0.88 U [0.88 U]
Vinyl Chloride	2	ug/L	0.9 U [0.9 U]
Xylenes (total)	1,200	ug/L	0.66 U [0.66 U]
Inorganics			
Aluminum	55,000	ug/L	60 U [60 U]
Antimony	6	ug/L	6.8 U [6.8 U]
Arsenic	10	ug/L	5.6 U [5.6 U]
Barium	2,000	ug/L	11 [11]
Beryllium	4	ug/L	0.3 U [0.3 U]
Cadmium	5	ug/L	0.5 U [0.5 U]
Calcium	- -	ug/L	99,600 [102,000]
Chromium	100	ug/L	3.4 U [3.2 U]
Cobalt	49	ug/L	0.63 U [0.63 U]
Copper	1,300	ug/L	5.3 U [5.1 U]
Iron	640	ug/L	19 U [19 U]
Lead	15	ug/L	3 U [3 U]
Magnesium	- -	ug/L	21,300 [21,800]
Manganese	- -	ug/L	0.4 U [0.4 U]

Table 4
Groundwater Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID: Date Collected:	Regional Screening Level	Units	GPW 03/21/12
Inorganics (cont'd)			
Mercury	2	ug/L	0.12 U [0.12 U]
Nickel	730	ug/L	1.3 U [1.3 U]
Potassium	--	ug/L	5,700 B [5,800 B]
Selenium	50	ug/L	8.7 U [8.7 U]
Silver	180	ug/L	1.7 U [1.7 U]
Sodium	--	ug/L	127,000 [131,000]
Thallium	2	ug/L	10 U [10 U]
Vanadium	180	ug/L	2.5 J [3 J]
Zinc	11,000	ug/L	27 [27]
Miscellaneous			
Chromium, hexavalent	--	ug/L	5 U [5 U]
Cyanide	--	ug/L	5 U [5 U]
pH	--	SU	7.18 H [7.29 H]

Notes:

1. Samples collected by ARCADIS on the date indicated.
2. Samples analyzed by TestAmerica located in Amherst, New York.
3. Concentrations reported in micrograms per liter (ug/L) which is equivalent to parts per million (ppm) unless otherwise noted.
4. J - Indicates an estimated value.
5. U - Indicated that the compound was analyzed for but not detected.
The associated value is the compound quantitation limit.
6. H - Indicates that the sample was prepped or analyzed beyond the holding time.
7. Regional Screening Levels (RSLs) are USEPA Region 2 Industrial RSLs.
8. -- Indicates that no RSL is available for this constituent.
9. [] Results shown in brackets represent field duplicates.

Table 5
Solid Waste Characterization Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID: Date Collected:	TCLP Criteria	Units	WC 03/21/12	WC* 03/21/12
PCBs				
Aroclor-1016	--	ug/kg	41 U	NA
Aroclor-1221	--	ug/kg	41 U	NA
Aroclor-1232	--	ug/kg	41 U	NA
Aroclor-1242	--	ug/kg	45 U	NA
Aroclor-1248	--	ug/kg	41 U	NA
Aroclor-1254	--	ug/kg	44 U	NA
Aroclor-1260	--	ug/kg	97 U	NA
Volatile Organics				
1,1-Dichloroethene	0.7	mg/L	0.0029 U	NA
1,2-Dichloroethane	0.5	mg/L	0.0021 U	NA
2-Butanone	200	mg/L	0.013 U	NA
Benzene	0.5	mg/L	0.0041 U	NA
Carbon Tetrachloride	0.5	mg/L	0.0027 U	NA
Chlorobenzene	100	mg/L	0.0075 U	NA
Chloroform	6	mg/L	0.0034 U	NA
Tetrachloroethene	0.7	mg/L	0.0036 U	NA
Trichloroethene	0.5	mg/L	0.0046 U	NA
Vinyl Chloride	0.2	mg/L	0.009 U	NA
Semivolatile Organics				
1,4-Dichlorobenzene	7.5	mg/L	0.00046 U	NA
2,4,5-Trichlorophenol	400	mg/L	0.00048 U	NA
2,4,6-Trichlorophenol	2	mg/L	0.00061 U	NA
2,4-Dinitrotoluene	30.13	mg/L	0.00045 U	NA
2-Methylphenol	4,200	mg/L	0.0004 U	NA
3-Methylphenol	4,200	mg/L	0.0004 U*	NA
4-Methylphenol	4,200	mg/L	0.00036 U	NA
Hexachlorobenzene	30.13	mg/L	0.00051 U	NA
Hexachlorobutadiene	0.5	mg/L	0.00068 U	NA
Hexachloroethane	3	mg/L	0.00059 U	NA
Nitrobenzene	2	mg/L	0.00029 U	NA
Pentachlorophenol	100	mg/L	0.0022 U	NA
Pyridine	35	mg/L	0.00041 U	NA
Inorganics				
Arsenic	5	mg/L	0.059	NA
Barium	100	mg/L	0.17 B	NA
Cadmium	1	mg/L	0.0022	NA
Chromium	5	mg/L	0.29 B	NA
Cyanide, Reactive	--	mg/kg	298	59.5
Lead	5	mg/L	0.057	NA
Mercury	0.2	mg/L	0.0011	NA
Selenium	1	mg/L	0.023	NA
Silver	5	mg/L	0.034	NA
Miscellaneous				
Flashpoint	--	°F	> 176.0	NA
pH	--	SU	7.78	NA
Sulfide, Reactive	--	mg/kg	0.57 U	NA
Solids				
Percent Moisture	--	%	12	NA
Percent Solids	--	%	88	NA

Notes:

1. Samples collected by ARCADIS on the dates indicated.
2. Samples analyzed by TestAmerica located in Buffalo, New York.
3. J - Indicates an estimated value.
4. U - Indicates that the compound was analyzed for but not detected. The associated value is the compound quantitation limit.
5. B - Indicates an estimated value between the instrument detection limit and the Reporting Limit (RL).
6. NA - Not Analyzed
7. * - Sample reanalyzed for only reactive cyanide

Table 6
Liquid Waste Characterization Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID:		WC	WC
Date Collected:	Units	03/21/12	03/27/12
PCBs			
Aroclor-1016	ug/L	NA	0.17 U
Aroclor-1221	ug/L	NA	0.17 U
Aroclor-1232	ug/L	NA	0.17 U
Aroclor-1242	ug/L	NA	0.17 U
Aroclor-1248	ug/L	NA	0.17 U
Aroclor-1254	ug/L	NA	0.25 U
Aroclor-1260	ug/L	NA	0.25 U
Volatile Organics			
1,1,1-Trichloroethane	ug/L	16 U	NA
1,1,2,2-Tetrachloroethane	ug/L	4.2 U	NA
1,1,2-trichloro-1,2,2-trifluoroethane	ug/L	6.2 U	NA
1,1,2-Trichloroethane	ug/L	4.6 U	NA
1,1-Dichloroethane	ug/L	7.6 U	NA
1,1-Dichloroethene	ug/L	5.8 U	NA
1,2,4-Trichlorobenzene	ug/L	8.2 U	NA
1,2-Dibromo-3-chloropropane	ug/L	7.8 U	NA
1,2-Dibromoethane	ug/L	15 U	NA
1,2-Dichlorobenzene	ug/L	16 U	NA
1,2-Dichloroethane	ug/L	4.2 U	NA
1,2-Dichloropropane	ug/L	14 U	NA
1,3-Dichlorobenzene	ug/L	16 U	NA
1,4-Dichlorobenzene	ug/L	17 U	NA
2-Butanone	ug/L	26 U	NA
2-Hexanone	ug/L	25 U	NA
4-Methyl-2-pentanone	ug/L	42 U	NA
Acetone	ug/L	97 J	NA
Benzene	ug/L	8.2 U	NA
Bromodichloromethane	ug/L	7.8 U	NA
Bromoform	ug/L	5.2 U	NA
Bromomethane	ug/L	14 U	NA
Carbon Disulfide	ug/L	3.8 U	NA
Carbon Tetrachloride	ug/L	5.4 U	NA
Chlorobenzene	ug/L	15 U	NA
Chloroethane	ug/L	6.4 U	NA
Chloroform	ug/L	6.8 U	NA
Chloromethane	ug/L	7 U	NA
cis-1,2-Dichloroethene	ug/L	16 U	NA
cis-1,3-Dichloropropene	ug/L	7.2 U	NA
Cyclohexane	ug/L	3.6 U	NA
Dibromochloromethane	ug/L	6.4 U	NA
Dichlorodifluoromethane	ug/L	14 U	NA
Ethylbenzene	ug/L	15 U	NA
Isopropylbenzene	ug/L	16 U	NA
Methyl acetate	ug/L	10 U	NA
Methyl tert-butyl ether	ug/L	3.2 U	NA
Methylcyclohexane	ug/L	3.2 U	NA
Methylene Chloride	ug/L	8.8 U	NA
Styrene	ug/L	15 U	NA
Tetrachloroethene	ug/L	7.2 U	NA
Toluene	ug/L	10 U	NA
trans-1,2-Dichloroethene	ug/L	18 U	NA
trans-1,3-Dichloropropene	ug/L	7.4 U	NA
Trichloroethene	ug/L	9.2 U	NA
Trichlorofluoromethane	ug/L	18 U	NA
Vinyl Chloride	ug/L	18 U	NA
Xylenes (total)	ug/L	13 U	NA
Semivolatile Organics			
1,1'-Biphenyl	ug/L	NA	6.5 U
2,2'-Oxybis(1-Chloropropane)	ug/L	NA	5.1 U
2,4,5-Trichlorophenol	ug/L	NA	4.8 U
2,4,6-Trichlorophenol	ug/L	NA	6 U
2,4-Dichlorophenol	ug/L	NA	5 U
2,4-Dimethylphenol	ug/L	NA	5 U
2,4-Dinitrophenol	ug/L	NA	22 U
2,4-Dinitrotoluene	ug/L	NA	4.4 U
2,6-Dinitrotoluene	ug/L	NA	4 U

Table 6
Liquid Waste Characterization Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID:		WC	WC
Date Collected:	Units	03/21/12	03/27/12
Semivolatile Organics (cont'd)			
2-Chloronaphthalene	ug/L	NA	4.6 U
2-Chlorophenol	ug/L	NA	5.2 U
2-Methylnaphthalene	ug/L	NA	5.9 U
2-Methylphenol	ug/L	NA	4 U
2-Nitroaniline	ug/L	NA	4.2 U
2-Nitrophenol	ug/L	NA	4.8 U
3,3'-Dichlorobenzidine	ug/L	NA	4 U
3-Nitroaniline	ug/L	NA	4.8 U
4,6-Dinitro-2-methylphenol	ug/L	NA	22 U
4-Bromophenyl-phenylether	ug/L	NA	4.5 U
4-Chloro-3-Methylphenol	ug/L	NA	4.5 U
4-Chloroaniline	ug/L	NA	5.8 U
4-Chlorophenyl-phenylether	ug/L	NA	3.5 U
4-Methylphenol	ug/L	NA	3.6 U
4-Nitroaniline	ug/L	NA	2.5 U
4-Nitrophenol	ug/L	NA	15 U
Acenaphthene	ug/L	NA	4.1 U
Acenaphthylene	ug/L	NA	3.8 U
Acetophenone	ug/L	NA	5.3 U
Anthracene	ug/L	NA	2.8 U
Atrazine	ug/L	NA	4.6 U
Benzaldehyde	ug/L	NA	2.6 U
Benzo(a)anthracene	ug/L	NA	3.6 U
Benzo(a)pyrene	ug/L	NA	4.7 U
Benzo(b)fluoranthene	ug/L	NA	3.4 U
Benzo(g,h,i)perylene	ug/L	NA	3.5 U
Benzo(k)fluoranthene	ug/L	NA	7.2 U
bis(2-Chloroethoxy)methane	ug/L	NA	3.5 U
bis(2-Chloroethyl)ether	ug/L	NA	4 U
bis(2-Ethylhexyl)phthalate	ug/L	NA	18 U
Butylbenzylphthalate	ug/L	NA	4.2 U
Caprolactam	ug/L	NA	22 U
Carbazole	ug/L	NA	3 U
Chrysene	ug/L	NA	3.3 U
Dibenzo(a,h)anthracene	ug/L	NA	4.2 U
Dibenzofuran	ug/L	NA	5 U
Diethylphthalate	ug/L	NA	2.2 U
Dimethylphthalate	ug/L	NA	3.6 U
Di-n-Butylphthalate	ug/L	NA	3.1 U
Di-n-Octylphthalate	ug/L	NA	4.7 U
Fluoranthene	ug/L	NA	4 U
Fluorene	ug/L	NA	3.6 U
Hexachlorobenzene	ug/L	NA	5 U
Hexachlorobutadiene	ug/L	NA	6.7 U
Hexachlorocyclopentadiene	ug/L	NA	5.8 U
Hexachloroethane	ug/L	NA	5.8 U
Indeno(1,2,3-cd)pyrene	ug/L	NA	4.7 U
Isophorone	ug/L	NA	23 J
Naphthalene	ug/L	NA	10 J
Nitrobenzene	ug/L	NA	2.9 U
N-Nitroso-di-n-propylamine	ug/L	NA	5.3 U
N-Nitrosodiphenylamine	ug/L	NA	5 U
Pentachlorophenol	ug/L	NA	22 U
Phenanthrene	ug/L	NA	4.4 U
Phenol	ug/L	NA	21 J
Pyrene	ug/L	NA	3.4 U
Inorganics			
Arsenic	mg/L	0.016	NA
Barium	mg/L	0.3	NA
Cadmium	mg/L	0.00087 J	NA
Chromium	mg/L	0.084	NA
Lead	mg/L	0.015	NA
Mercury	mg/L	0.00014 J	NA
Selenium	mg/L	0.0087 U	NA
Silver	mg/L	0.039	NA

Table 6
Liquid Waste Characterization Analytical Summary

General Electric Energy Management - Industrial Solutions
Arecibo, Puerto Rico

Location ID:		WC	WC
Date Collected:	Units	03/21/12	03/27/12
Miscellaneous			
Cyanide, Reactive	mg/L	NA	0.003 U
Flashpoint	°F	>176	>176
pH	SU	10.8 H	11.3 H
Sulfide, Reactive	mg/L	NA	0.57 U

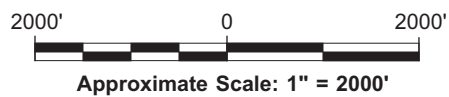
Notes:

1. Samples collected by ARCADIS on the dates indicated.
2. Samples analyzed by TestAmerica located in Buffalo, New York.
3. Concentrations reported in milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm) unless otherwise noted.
4. J - Indicates an estimated value.
5. U - Indicated that the compound was analyzed for but not detected.
The associated value is the compound quantitation limit.
6. H - Indicates that the sample was prepped or analyzed beyond the holding time.

Figures



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., RIO PIEDRAS, PUERTO RICO.

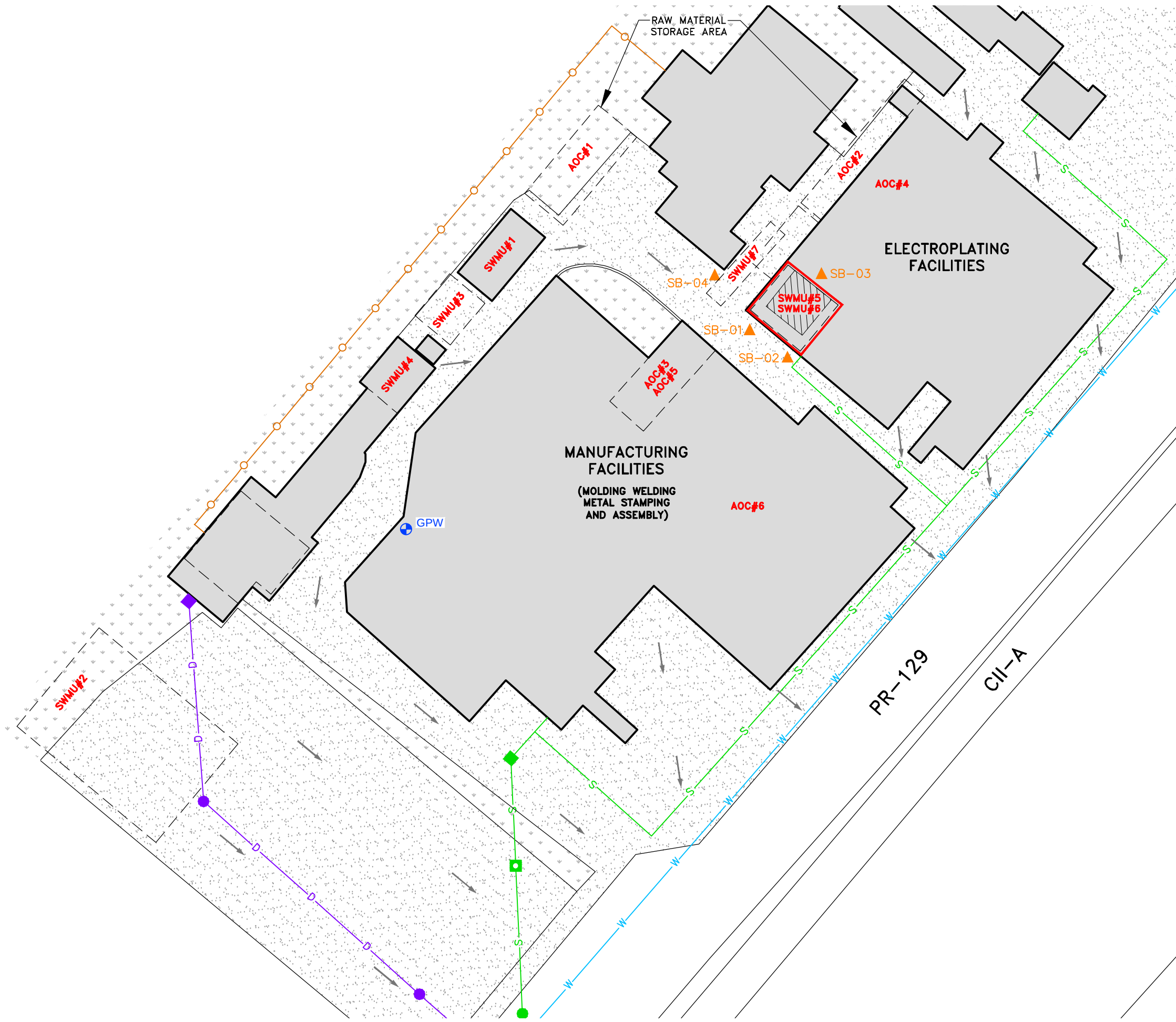


GENERAL ELECTRIC SERVICES - INDUSTRIAL SOLUTIONS
ARECIBO, PUERTO RICO
RFI REPORT

SITE LOCATION MAP



FIGURE
1



LEGEND:

- FORMER MANUFACTURING PROCESS AREAS
- SWMU** SOLID WASTE MANAGEMENT UNIT
- AOC** AREA OF CONCERN
- SB-01** ▲ RFI SOIL BORING LOCATION
- S** SANITARY WASTE WATER (4" DIA.)
- P** PROCESS WASTE WATER (2" DIA.)
- D** DISCHARGE WASTE WATER (6" DIA.)
- W** CITY WATER (2" DIA.)
- MANHOLE
- DISCHARGE POINT D001 & D002
- RESPIRADERO/VENT
- ⊕ GROUNDWATER SAMPLE LOCATION (APPROX.)
- DIRECTION OF OVERLAND STORM WATER FLOW
- GRASS
- PAVED AREAS

- NOTES:**
1. BASE MAP DIGITIZED FROM 2010 U.S GEOLOGICAL SURVEY É EUROPA TECHNOLOGIES COURTESY OF GOOGLE EARTH. PUERTO RICO STATE PLANE NAD 83.
 2. FORMER MANUFACTURING PROCESS AREA LOCATIONS ARE BASED ON MAPS PROVIDED IN THE RFA REPORT. ALL LOCATIONS ARE APPROXIMATE.
 3. UNDERGROUND UTILITY LOCATIONS ARE BASED ON GE MAP "PLANO de LOCALIZACION" DATED 25 de OCTUBRE de 2005. ALL LOCATIONS ARE APPROXIMATE.
 4. SURFACE INFORMATION IS BASED ON A SITE PLAN PROVIDED BY THE CLIENT. ORIGIN AND DATE NOT VISIBLE.

0 60' 120'

GRAPHIC SCALE

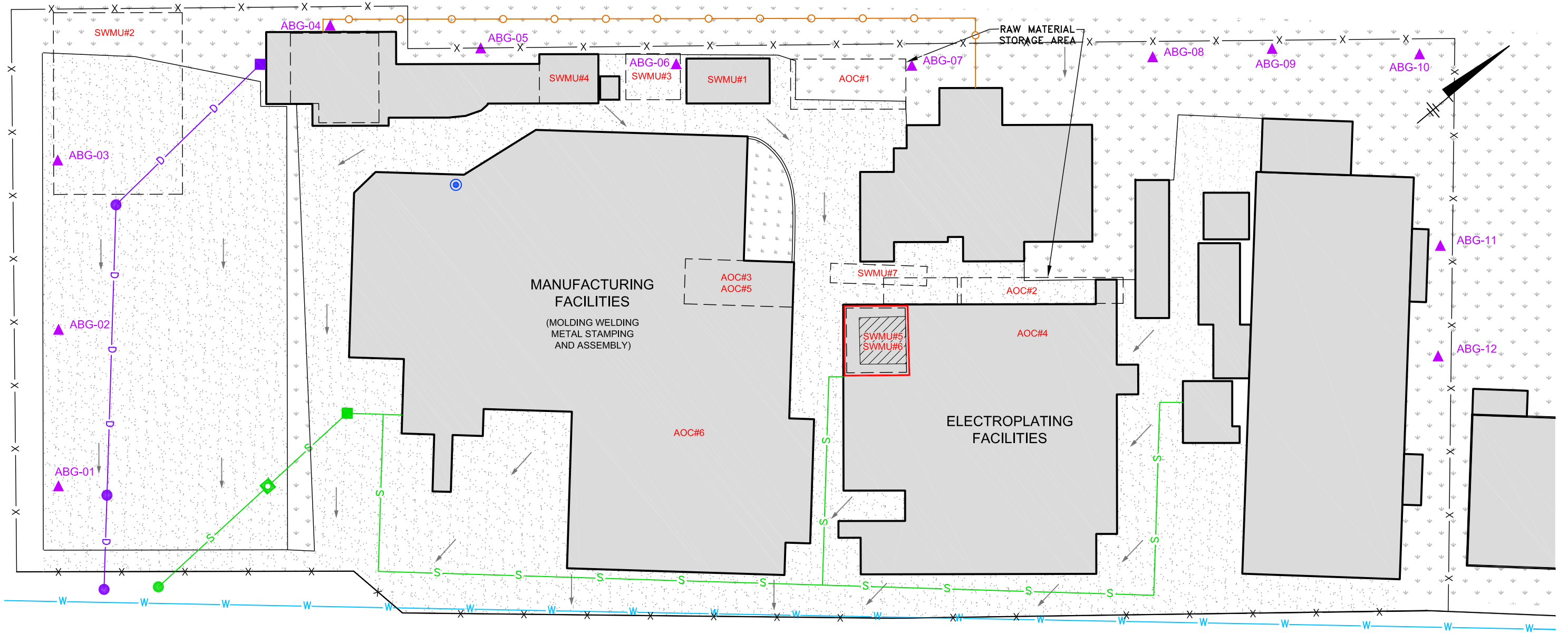
GENERAL ELECTRIC ENERGY SERVICES-INDUSTRIAL SOLUTIONS
ARECIBO, PUERTO RICO
RFI REPORT

RFI SAMPLING LOCATIONS

ARCADIS

FIGURE
2

CITY: SYRACUSE NY DIV: GROUP: EnvCAD DB: A.Schilling, E. KRAHMER, R. BASSETT, J. BREN, TR: R. HENSEL, LYR: (OPTION) "OFF" REF: G:\GEN\ENVCAD\SYRACUSE\ACT\B0031135\0001\0004\DWG\31135B04.dwg LAYOUT: 3 SAVER: 3/20/2014 4:12 PM ACADVER: 18.1S (LMS TECH) PAGES: 18.1S (LMS TECH) PLOTTED: 3/20/2014 4:13 PM BY: BASSETT, RICHARD XREFS: IMAGES: 0720_001_1.dwg PROJECTNAME: CII-A



PR-129

CII-A

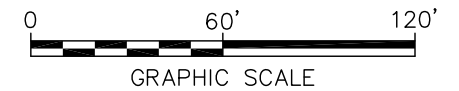
LEGEND:

	FORMER MANUFACTURING PROCESS AREAS		CITY WATER (2" DIA.)
	SWMU		MANHOLE
	AOC		DISCHARGE POINT D001 & D002
	ABG-01		RESPIRADERO/VENT
	ARSENIC BACKGROUND INVESTIGATION SOIL BORING LOCATION		GROUNDWATER PUMPING WELL (APPROX. LOCATION)
	FENCE LINE		DIRECTION OF OVERLAND STORM WATER FLOW
	SANITARY WASTE WATER (4" DIA.)		GRASS
	PROCESS WASTE WATER (2" DIA.)		PAVED AREAS
	DISCHARGE WASTE WATER (6" DIA.)		

NOTES:

1. BASE MAP DIGITIZED FROM 2010 U.S. GEOLOGICAL SURVEY © EUROPA TECHNOLOGIES COURTESY OF GOOGLE EARTH.
2. FORMER MANUFACTURING PROCESS AREA LOCATIONS ARE BASED ON MAPS PROVIDED IN THE RFA REPORT. ALL LOCATIONS ARE APPROXIMATE.
3. UNDERGROUND UTILITY LOCATIONS ARE BASED ON GE MAP "PLANO de LOCALIZACION" DATED 25 de OCTUBRE de 2005. ALL LOCATIONS ARE APPROXIMATE.
4. SURFACE INFORMATION IS BASED ON A SITE PLAN PROVIDED BY THE CLIENT. ORIGIN AND DATE NOT VISIBLE.
5. SAMPLING LOCATIONS BASED ON TIE DISTANCES. LOCATIONS ARE APPROXIMATE.

CII-3



GENERAL ELECTRIC ENERGY SERVICES-INDUSTRIAL SOLUTIONS
ARECIBO, PUERTO RICO
RFI REPORT

ARSENIC BACKGROUND INVESTIGATION SAMPLING LOCATIONS



FIGURE
3



Appendix A

Soil Boring Logs



RFI Soil Boring Logs

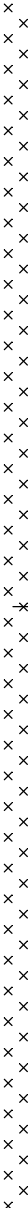
Date Start/Finish: 3/21/12
Drilling Company: NA
Driller's Name: NA
Drilling Method: Hand Auger
Auger Size: NA
Rig Type: NA
Sampling Method: NA

Northings:18°27'33.1"
Easting: 66°44'28.8"
Casing Elevation: NA
Borehole Depth: 6' bgs
Surface Elevation: NA
Descriptions By: Roman Bober

Well/Boring ID: SB-1

Client: General Electric Energy Services -
Industrial Solutions, Arecibo, Puerto Rico.

Location: RTE. 129, Km. 41.0
Arecibo, Puerto Rico

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
-4	-4	1	0-1	NA	NA	NA	0			4" of ASPHALT.	 Backfill 0-6' bgs.
									                      	Yellowish White LIMESTONE, with dark brown Clay, subangular, dense.	
		2	1-2	NA	NA	NA	0			Reddish Brown and Gray Clayey SAND(SC), medium dense, dry.	
		3	2-4	NA	NA	NA	0	X		Reddish Brown/Dark Yellowish Brown/Light Gray Clayey SAND (SC), medium dense.	
-5	-5	4	4-6	NA	NA	NA	0	X			



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
Two samples SB-1-2-4, Duplicate of SB-1-2-4 were collected at 2-4' bgs (1305) and one sample SB-1-4-6 was collected at 4-6' bgs (1315).

Date Start/Finish: 3/21/12 Drilling Company: NA Driller's Name: NA Drilling Method: Hand Auger Auger Size: NA Rig Type: NA Sampling Method: NA	Northing: NA/(inside the building) Easting: NA/(inside the building) Casing Elevation: NA Borehole Depth: 6' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: SB-2 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico. Location: RTE. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	---

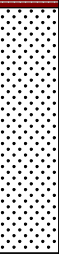
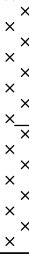
DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blow Counts	N - Value	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
										4" of ASPHALT.	
		1	0-1	NA	NA	NA	0			White LIMESTONE, Cobbles (Rock Fragments) with yellowish brown Sand (GW), dense, poorly sorted, dry.	
		2	1-2	NA	NA	NA	0			Strong Brown Fine to Medium SAND (SW), some Clay, poorly sorted, medium dense, dry.	
		3	2-4	NA	NA	NA	0				
										Light Gray thick CLAY (SC) between 3-4' bgs.	
-5	-5	4	4-6	NA	NA	NA	0	X			

	Remarks: bgs = below ground surface; NA = Not Applicable/Available. One sample SB-2-4-6 was collected at 4-6' bgs (1340).
--	---



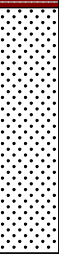
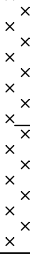
Arsenic Background Study
Soil Boring Logs

Date Start/Finish: 8/13/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-1 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	--

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		2" of ASPHALT Light gray to light brown poorly sorted very fine to medium SAND (SW), medium density, damp.	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--

Date Start/Finish: 8/13/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-2 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	--

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		2" of ASPHALT Brown to yellowish brown poorly sorted fine to medium SAND (SW), some Silt, medium density, damp.	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

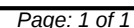
	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--

Well/Boring ID: **ABG-3**

Client: General Electric Energy Services -
Industrial Solutions, Arecibo, Puerto Rico

Location: RTW. 129, Km. 41.0
Arecibo, Puerto Rico

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery

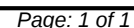


Well/Boring ID: **ABG-4**

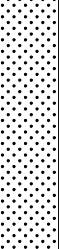
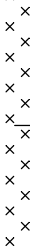
Client: General Electric Energy Services -
Industrial Solutions, Arecibo, Puerto Rico

Location: RTW. 129, Km. 41.0
Arecibo, Puerto Rico

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery

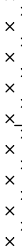


Date Start/Finish: 8/15/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-5 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	--

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		Brown poorly sorted fine to medium SAND (SW), dense, dry.	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

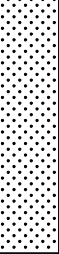
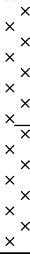
	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--

Date Start/Finish: 8/15/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-6 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	--

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0	  	2" of ASPHALT Brown poorly sorted, fine to medium SAND (SW), dense, damp. Light gray to brown very Sandy fat CLAY (CH), stiff, damp.	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

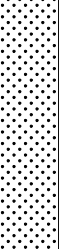
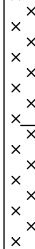
 <i>Infrastructure · Water · Environment · Buildings</i>	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
---	--

Date Start/Finish: 8/15/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-7 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	--

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		Brown poorly sorted, fine to medium SAND (SW), medium density, dry.	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

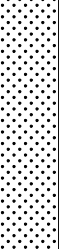
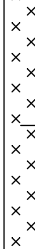
	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--

Date Start/Finish: 8/14/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-8 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	--

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		Brown poorly sorted, fine to medium SAND (SW), loose, damp.	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--

Date Start/Finish: 8/14/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-9 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	--

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		Brown poorly sorted fine to medium SAND (SW), dense, damp.	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

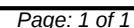
	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--

Well/Boring ID: **ABG-10**

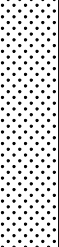
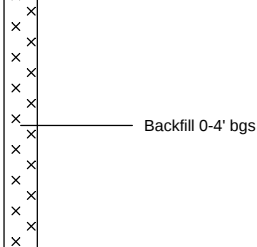
Client: General Electric Energy Services -
Industrial Solutions, Arecibo, Puerto Rico

Location: RTW. 129, Km. 41.0
Arecibo, Puerto Rico

Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery

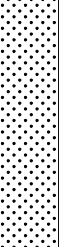
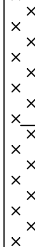


Date Start/Finish: 8/14/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-11 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	---

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		Brown poorly sorted very fine to medium SAND (SW), trace fines, medium density, dry.	
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--

Date Start/Finish: 8/14/13 Drilling Company: GET Driller's Name: H. Rodrigues Drilling Method: Jack hammer Sampling Method: 4' x 2" Macrocore Rig Type: NA	Northing: NA Easting: NA Casing Elevation: NA Borehole Depth: 4' bgs Surface Elevation: NA Descriptions By: Roman Bober	Well/Boring ID: ABG-12 Client: General Electric Energy Services - Industrial Solutions, Arecibo, Puerto Rico Location: RTW. 129, Km. 41.0 Arecibo, Puerto Rico
---	--	---

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0							
		1	0-4	4	0		Dark brown poorly sorted very fine to medium SAND (SW), trace fines, medium density, dry. 2-4' bgs is lighter brown color	 Backfill 0-4' bgs
-5	-5						END OF BORING 4' bgs	
-10	-10							
-15	-15							

	Remarks: ags = above ground surface; bgs = below ground surface; NA = Not Applicable/Available; AMSL = Above Mean Sea Level; NR = No Recovery
--	--



Appendix B

Data Usability/Summary Report

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-17536-1

Client Project/Site: GE Arecibo

For:

ARCADIS U.S. Inc

6723 Towpath Road

PO BOX 66

Syracuse, New York 13214

Attn: Mr. Jason Brien

Melissa Deyo

Authorized for release by:

4/11/2012 2:45:44 PM

Melissa Deyo

Project Manager I

melissa.deyo@testamericainc.com

Designee for

Candace Fox

Project Manager II

candace.fox@testamericainc.com

LINKS

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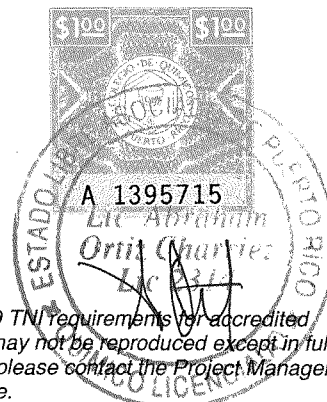
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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.





Appendix C

Laboratory Data Packages
(provided electronically)

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-17536-1

Client Project/Site: GE Arecibo

Revision: 1

For:

ARCADIS U.S. Inc

6723 Towpath Road

PO BOX 66

Syracuse, New York 13214

Attn: Mr. Jason Brien



Authorized for release by:

9/25/2012 12:44:26 PM

Candace Fox

Project Manager II

candace.fox@testamericainc.com

LINKS

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results through

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Job ID: 480-17536-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-17536-1

Receipt

This report has been revised to correct the reactive cyanide results originally reported for sample WC-032112S.

GC/MS VOA

Method 8260B: The following samples were diluted due to the nature of the TCLP sample matrix: WC-032112S (480-17629-19) and (LB 480-56737/1-A). Elevated reporting limits (RLs) are provided.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: WC-032112W (480-17629-20). Elevated reporting limits (RLs) are provided.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 56965 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The method blank (MB) and laboratory control sample (LCS) for analytical batch 56965 are associated with both the water samples and the TCLP samples. A limitation of our Laboratory Information Management System (LIMS) system is that the MB and LCS can only be associated to one method in a batch.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method 8270C: The following sample was diluted due to viscosity: WC-032712W (480-17757-1). Elevated reporting limits (RL) are provided.

Method 8270C: The analytes 3-Methylphenol and 4-Methylphenol co-elute and can not be analytical separated. The reported concentrations for these analytes are a total result rather than individual quantitated values. Since these analytes co-elute, only 4-Methylphenol was calibrated for in the calibration data.

Method 8270C: The method blank for preparation batch 57194 contained Bis(2-ethylhexyl) phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270C: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with analytical batch 480-57564: Benzo(g,h,i)perylene and Dibenzo(a,h)anthracene. These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

Method 8270C: The following compound was outside control limits in the continuing calibration verification (CCV) associated with analytical batch 480-57332: 2,4-Dinitrophenol. This compound is not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

No analytical or quality issues were noted.

GC Semi VOA

Method 8082: All primary data was reported from the ZB-35 column.

Method 8082: The percent difference in a multi-component continuing calibration verification was assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

No other analytical or quality issues were noted.

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Job ID: 480-17536-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Metals

Method 6010B: The following samples were diluted due to the abundance of target analyte Calcium: SB-2-0-1 (480-17629-3), SB-4-0-1 (480-17629-8) and SB-1-0-1 (480-17629-12). Elevated reporting limits (RLs) are provided.

Method 6010B: The following samples were diluted due to the abundance of target analyte Iron: SB-4-1-2 (480-17629-9), SB-1-2-4 (480-17629-14), BD 032012 (480-17629-16) and SB-3-1-2 (480-17629-18). Elevated reporting limits (RLs) are provided.

Method 6010B: The method blank for preparation batch 56373 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The post digestion spike for preparation batch 56373 exhibited a result outside the quality control limits for Arsenic. However, the serial dilution of this sample was compliant. No corrective action was necessary.

Method 6010B: The post digestion spike and serial dilution for preparation batch 56373 exceeded the quality control limits for Calcium. Sample matrix was suspected; therefore, no corrective action was necessary.

Method 6010B: The serial dilution for preparation batch 56373 exhibited results outside the quality control limits for Magnesium, Potassium and Sodium. However, the post digestion spike was compliant so no corrective action was necessary.

Method 6010B: The method blank for preparation batch 56696 contained Magnesium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The method blank for preparation batch 56696 contained Calcium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The method blank for preparation batch 56696 contained Iron above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The matrix spike / matrix spike duplicate recoveries and precision for preparation batch 56696 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria; therefore, no corrective action was necessary.

Method 6010B: The serial dilution for preparation batch 56696 exhibited results outside the quality control limits for Magnesium, Potassium and Sodium. However, the post digestion spike was compliant so no corrective action was necessary.

Method 6010B: The TCLP leachate blank for preparation batch 56847 contained Barium above the reporting limit (RL). The associated sample contained a detection for this analyte at a concentration greater than 10 times the value found in the TCLP leachate blank; therefore, re-extraction and/or re-analysis of the sample was not performed.

Method 6010B: The TCLP leachate blank for preparation batch 56847 contained Chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 6010B: The continuing calibration blank (CCB 480-57207/42), for analytical batch 57207 contained Iron above the reporting limit (RL). The associated samples contained detections for this analyte at concentrations greater than 10 times the value found in the CCB; therefore, re-analysis of samples was not performed.

No other analytical or quality issues were noted.

General Chemistry

Method 9040B: The following samples were received with greater than 50% of holding time expired: GPW (480-17536-1), BD032112 (480-17536-2), WC-032112W (480-17629-20) and WC-032712W (480-17757-1). As such, the laboratory had insufficient time remaining to perform the analysis within holding time.

No other analytical or quality issues were noted.

Organic Prep

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Job ID: 480-17536-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method 3510C: Prior to extraction for method 8082, the following sample required acid to reach the desired pH: WC-032712W (480-17757-1).

No other analytical or quality issues were noted.

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Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: GPW

Lab Sample ID: 480-17536-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.45	J	1.0	0.34	ug/L	1			8260B	Total/NA
Tetrachloroethene	0.60	J	1.0	0.36	ug/L	1			8260B	Total/NA
Barium	0.011		0.0020	0.00070	mg/L	1			6010B	Total/NA
Calcium	99.6		0.50	0.10	mg/L	1			6010B	Total/NA
Chromium	0.0034	J	0.0040	0.0010	mg/L	1			6010B	Total/NA
Copper	0.0053	J	0.010	0.0016	mg/L	1			6010B	Total/NA
Magnesium	21.3		0.20	0.043	mg/L	1			6010B	Total/NA
Potassium	5.7	B	0.50	0.10	mg/L	1			6010B	Total/NA
Sodium	127		1.0	0.32	mg/L	1			6010B	Total/NA
Vanadium	0.0025	J	0.0050	0.0015	mg/L	1			6010B	Total/NA
Zinc	0.027		0.010	0.0015	mg/L	1			6010B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.18	H	0.100	0.100	SU	1			9040B	Total/NA

Client Sample ID: BD032112

Lab Sample ID: 480-17536-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	0.58	J	1.0	0.36	ug/L	1			8260B	Total/NA
Barium	0.011		0.0020	0.00070	mg/L	1			6010B	Total/NA
Calcium	102		0.50	0.10	mg/L	1			6010B	Total/NA
Chromium	0.0032	J	0.0040	0.0010	mg/L	1			6010B	Total/NA
Copper	0.0051	J	0.010	0.0016	mg/L	1			6010B	Total/NA
Magnesium	21.8		0.20	0.043	mg/L	1			6010B	Total/NA
Potassium	5.8	B	0.50	0.10	mg/L	1			6010B	Total/NA
Sodium	131		1.0	0.32	mg/L	1			6010B	Total/NA
Vanadium	0.0030	J	0.0050	0.0015	mg/L	1			6010B	Total/NA
Zinc	0.027		0.010	0.0015	mg/L	1			6010B	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.29	H	0.100	0.100	SU	1			9040B	Total/NA

Client Sample ID: SB-3-2-4

Lab Sample ID: 480-17629-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	5.1	J	25	4.3	ug/Kg	1		☼	8260B	Total/NA
Aluminum	4960		12.0	5.3	mg/Kg	1		☼	6010B	Total/NA
Arsenic	3.8		2.4	0.48	mg/Kg	1		☼	6010B	Total/NA
Barium	3.6		0.60	0.13	mg/Kg	1		☼	6010B	Total/NA
Beryllium	1.4		0.24	0.034	mg/Kg	1		☼	6010B	Total/NA
Calcium	221	B	59.9	4.0	mg/Kg	1		☼	6010B	Total/NA
Chromium	37.7		0.60	0.24	mg/Kg	1		☼	6010B	Total/NA
Cobalt	0.13	J	0.60	0.060	mg/Kg	1		☼	6010B	Total/NA
Copper	4.0		1.2	0.25	mg/Kg	1		☼	6010B	Total/NA
Iron	28300	B	12.0	1.3	mg/Kg	1		☼	6010B	Total/NA
Lead	3.9		1.2	0.29	mg/Kg	1		☼	6010B	Total/NA
Magnesium	38.6	B	24.0	1.1	mg/Kg	1		☼	6010B	Total/NA
Manganese	16.0		0.24	0.038	mg/Kg	1		☼	6010B	Total/NA
Nickel	3.6	J	6.0	0.28	mg/Kg	1		☼	6010B	Total/NA
Potassium	660		36.0	24.0	mg/Kg	1		☼	6010B	Total/NA
Selenium	1.3	J	4.8	0.68	mg/Kg	1		☼	6010B	Total/NA
Sodium	162	J	168	15.6	mg/Kg	1		☼	6010B	Total/NA
Vanadium	147		0.60	0.13	mg/Kg	1		☼	6010B	Total/NA
Zinc	6.0		2.4	0.18	mg/Kg	1		☼	6010B	Total/NA
Mercury	0.021	J	0.022	0.0089	mg/Kg	1		☼	7471A	Total/NA

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-2-4 (Continued)

Lab Sample ID: 480-17629-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Hexavalent chromium	1.0		0.89	0.30	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.53	J	1.0	0.50	mg/Kg	1	☼	9012A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	4.33		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-2-0-1

Lab Sample ID: 480-17629-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.0	J	29	4.8	ug/Kg	1	☼	8260B	Total/NA
Aluminum	5140		10.7	4.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.1		2.1	0.43	mg/Kg	1	☼	6010B	Total/NA
Barium	26.1		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.035	J	0.21	0.030	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.81		0.21	0.032	mg/Kg	1	☼	6010B	Total/NA
Calcium	195000	B	267	17.6	mg/Kg	5	☼	6010B	Total/NA
Chromium	59.0		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Cobalt	2.5		0.53	0.053	mg/Kg	1	☼	6010B	Total/NA
Copper	313		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Iron	7950	B ^	10.7	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	7.5		1.1	0.26	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2950	B	21.4	0.99	mg/Kg	1	☼	6010B	Total/NA
Manganese	126		0.21	0.034	mg/Kg	1	☼	6010B	Total/NA
Nickel	148		5.3	0.25	mg/Kg	1	☼	6010B	Total/NA
Potassium	451		32.0	21.4	mg/Kg	1	☼	6010B	Total/NA
Silver	49.8		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Sodium	206		149	13.9	mg/Kg	1	☼	6010B	Total/NA
Vanadium	26.4		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	560		2.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.12		0.023	0.0094	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	0.77	J	0.88	0.30	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.57	J	1.0	0.49	mg/Kg	1	☼	9012A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.13		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-2-1-2

Lab Sample ID: 480-17629-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2550		10.6	4.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.75	J	2.1	0.43	mg/Kg	1	☼	6010B	Total/NA
Barium	5.6		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.086	J	0.21	0.032	mg/Kg	1	☼	6010B	Total/NA
Calcium	1240	B	53.2	3.5	mg/Kg	1	☼	6010B	Total/NA
Chromium	6.8		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Cobalt	1.0		0.53	0.053	mg/Kg	1	☼	6010B	Total/NA
Copper	6.9		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Iron	7020	B ^	10.6	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	19.1		1.1	0.26	mg/Kg	1	☼	6010B	Total/NA
Magnesium	91.6	B	21.3	0.99	mg/Kg	1	☼	6010B	Total/NA
Manganese	121		0.21	0.034	mg/Kg	1	☼	6010B	Total/NA
Nickel	5.4		5.3	0.24	mg/Kg	1	☼	6010B	Total/NA
Potassium	95.4		31.9	21.3	mg/Kg	1	☼	6010B	Total/NA
Silver	0.46	J	0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Sodium	25.3	J	149	13.8	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-1-2 (Continued)

Lab Sample ID: 480-17629-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	20.7		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	21.4		2.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.11		0.023	0.0093	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	0.31	J	0.85	0.29	mg/Kg	1	☼	7196A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.02		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-2-2-4

Lab Sample ID: 480-17629-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8070		12.4	5.4	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.5		2.5	0.49	mg/Kg	1	☼	6010B	Total/NA
Barium	4.0		0.62	0.14	mg/Kg	1	☼	6010B	Total/NA
Calcium	974	B	61.9	4.1	mg/Kg	1	☼	6010B	Total/NA
Chromium	41.3		0.62	0.25	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.13	J	0.62	0.062	mg/Kg	1	☼	6010B	Total/NA
Copper	9.3		1.2	0.26	mg/Kg	1	☼	6010B	Total/NA
Iron	45400	B ^	12.4	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	3.0		1.2	0.30	mg/Kg	1	☼	6010B	Total/NA
Magnesium	61.8	B	24.7	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	17.6		0.25	0.040	mg/Kg	1	☼	6010B	Total/NA
Nickel	3.4	J	6.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Potassium	155		37.1	24.7	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.0	J	4.9	0.71	mg/Kg	1	☼	6010B	Total/NA
Sodium	45.1	J	173	16.1	mg/Kg	1	☼	6010B	Total/NA
Vanadium	136		0.62	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	8.6		2.5	0.19	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.052		0.023	0.0092	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	0.44	J	0.98	0.33	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.61	J	1.2	0.58	mg/Kg	1	☼	9012A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.29		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-17629-7

No Detections

Client Sample ID: SB-4-0-1

Lab Sample ID: 480-17629-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3500		12.0	5.3	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.67	J	18.0	0.65	mg/Kg	1	☼	6010B	Total/NA
Arsenic	23.1		2.4	0.48	mg/Kg	1	☼	6010B	Total/NA
Barium	5.6		0.60	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.16	J	0.24	0.034	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.12	J	0.24	0.036	mg/Kg	1	☼	6010B	Total/NA
Calcium	321000	B	599	39.6	mg/Kg	10	☼	6010B	Total/NA
Chromium	38.9		0.60	0.24	mg/Kg	1	☼	6010B	Total/NA
Cobalt	2.9		0.60	0.060	mg/Kg	1	☼	6010B	Total/NA
Copper	12.6		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	13700	B ^	12.0	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	1.3		1.2	0.29	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1810	B	24.0	1.1	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-0-1 (Continued)

Lab Sample ID: 480-17629-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	273		0.24	0.038	mg/Kg	1	☼	6010B	Total/NA
Nickel	12.6		6.0	0.28	mg/Kg	1	☼	6010B	Total/NA
Potassium	144		36.0	24.0	mg/Kg	1	☼	6010B	Total/NA
Sodium	60.1	J	168	15.6	mg/Kg	1	☼	6010B	Total/NA
Vanadium	51.5		0.60	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	13.9		2.4	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.012	J	0.020	0.0081	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	0.62	J	1.1	0.53	mg/Kg	1	☼	9012A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.18		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-4-1-2

Lab Sample ID: 480-17629-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	10900		11.4	5.0	mg/Kg	1	☼	6010B	Total/NA
Arsenic	17.2		2.3	0.45	mg/Kg	1	☼	6010B	Total/NA
Barium	4.9		0.57	0.12	mg/Kg	1	☼	6010B	Total/NA
Calcium	1190	B	56.8	3.7	mg/Kg	1	☼	6010B	Total/NA
Chromium	65.6		0.57	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	3.9		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	57600	B ^	56.8	6.2	mg/Kg	5	☼	6010B	Total/NA
Lead	5.1		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Magnesium	63.4	B	22.7	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	4.4		0.23	0.036	mg/Kg	1	☼	6010B	Total/NA
Nickel	1.9	J	5.7	0.26	mg/Kg	1	☼	6010B	Total/NA
Potassium	122		34.1	22.7	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.6	J	4.5	0.65	mg/Kg	1	☼	6010B	Total/NA
Sodium	73.8	J	159	14.8	mg/Kg	1	☼	6010B	Total/NA
Vanadium	380		0.57	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	2.9		2.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.30		0.024	0.0098	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	1.3		0.99	0.33	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.81	J	1.2	0.57	mg/Kg	1	☼	9012A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	6.86		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-4-2-4

Lab Sample ID: 480-17629-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1	J	29	4.8	ug/Kg	1	☼	8260B	Total/NA
Aluminum	6930		11.6	5.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	4.7		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	2.3		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Calcium	95.6	B	57.8	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	55.3		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.49	J	0.58	0.058	mg/Kg	1	☼	6010B	Total/NA
Copper	7.2		1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	43100	B ^	11.6	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	2.8		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	38.0	B	23.1	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	28.7		0.23	0.037	mg/Kg	1	☼	6010B	Total/NA
Nickel	2.1	J	5.8	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	88.3		34.7	23.1	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-2-4 (Continued)

Lab Sample ID: 480-17629-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	1.1	J	4.6	0.66	mg/Kg	1	☼	6010B	Total/NA
Sodium	20.6	J	162	15.0	mg/Kg	1	☼	6010B	Total/NA
Vanadium	147		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	6.6		2.3	0.18	mg/Kg	1	☼	6010B	Total/NA
Hexavalent chromium	0.45	J	0.91	0.31	mg/Kg	1	☼	7196A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	4.96		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-1-0-1

Lab Sample ID: 480-17629-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.3	J	28	4.8	ug/Kg	1	☼	8260B	Total/NA
Aluminum	2390		10.9	4.8	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.4		2.2	0.44	mg/Kg	1	☼	6010B	Total/NA
Barium	6.1		0.55	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.036	J	0.22	0.031	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.50		0.22	0.033	mg/Kg	1	☼	6010B	Total/NA
Calcium	283000	B	547	36.1	mg/Kg	10	☼	6010B	Total/NA
Chromium	30.0		0.55	0.22	mg/Kg	1	☼	6010B	Total/NA
Cobalt	2.6		0.55	0.055	mg/Kg	1	☼	6010B	Total/NA
Copper	132		1.1	0.23	mg/Kg	1	☼	6010B	Total/NA
Iron	7690	B ^	10.9	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	4.4		1.1	0.26	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1910	B	21.9	1.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	72.2		0.22	0.035	mg/Kg	1	☼	6010B	Total/NA
Nickel	90.5		5.5	0.25	mg/Kg	1	☼	6010B	Total/NA
Potassium	122		32.8	21.9	mg/Kg	1	☼	6010B	Total/NA
Silver	43.6		0.55	0.22	mg/Kg	1	☼	6010B	Total/NA
Sodium	76.3	J	153	14.2	mg/Kg	1	☼	6010B	Total/NA
Vanadium	32.6		0.55	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	954		2.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.070		0.023	0.0091	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	1.4		0.90	0.30	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	1.2		1.1	0.51	mg/Kg	1	☼	9012A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.43		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-1-1-2

Lab Sample ID: 480-17629-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14	J	28	4.8	ug/Kg	1	☼	8260B	Total/NA
Aluminum	4670		11.6	5.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.5		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	6.4		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.039	J	0.23	0.035	mg/Kg	1	☼	6010B	Total/NA
Calcium	1240	B	57.9	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	23.1		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.33	J	0.58	0.058	mg/Kg	1	☼	6010B	Total/NA
Copper	6.3		1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	20200	B ^	11.6	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	5.3		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	76.7	B	23.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	31.5		0.23	0.037	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-1-2 (Continued)

Lab Sample ID: 480-17629-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	2.4	J	5.8	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	127		34.8	23.2	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.5	J	4.6	0.66	mg/Kg	1	☼	6010B	Total/NA
Silver	0.75		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Sodium	62.8	J	162	15.1	mg/Kg	1	☼	6010B	Total/NA
Vanadium	82.3		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	16.3		2.3	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.086		0.020	0.0079	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	1.7		0.89	0.30	mg/Kg	1	☼	7196A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.90		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-1-2-4

Lab Sample ID: 480-17629-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.9	J	28	4.7	ug/Kg	1	☼	8260B	Total/NA
Aluminum	8240		11.8	5.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.4		2.4	0.47	mg/Kg	1	☼	6010B	Total/NA
Barium	3.6		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.044	J	0.24	0.033	mg/Kg	1	☼	6010B	Total/NA
Calcium	859	B	58.8	3.9	mg/Kg	1	☼	6010B	Total/NA
Chromium	41.8		0.59	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	6.0		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	73300	B ^	58.8	6.5	mg/Kg	5	☼	6010B	Total/NA
Lead	2.9		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	82.0	B	23.5	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	12.6		0.24	0.038	mg/Kg	1	☼	6010B	Total/NA
Nickel	2.3	J	5.9	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	158		35.3	23.5	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.3	J	4.7	0.67	mg/Kg	1	☼	6010B	Total/NA
Sodium	85.8	J	165	15.3	mg/Kg	1	☼	6010B	Total/NA
Vanadium	222		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	4.7		2.4	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.10		0.024	0.0097	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	0.82	J	0.95	0.32	mg/Kg	1	☼	7196A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	7.26		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: BD 032012

Lab Sample ID: 480-17629-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.0	J	30	5.1	ug/Kg	1	☼	8260B	Total/NA
Aluminum	8810		11.7	5.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	4.0		2.3	0.47	mg/Kg	1	☼	6010B	Total/NA
Barium	4.0		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Calcium	885	B	58.4	3.9	mg/Kg	1	☼	6010B	Total/NA
Chromium	34.4		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	5.8		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	61400	B ^	58.4	6.4	mg/Kg	5	☼	6010B	Total/NA
Lead	2.9		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	85.3	B	23.4	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	10.3		0.23	0.037	mg/Kg	1	☼	6010B	Total/NA
Nickel	2.1	J	5.8	0.27	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: BD 032012 (Continued)

Lab Sample ID: 480-17629-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	190		35.1	23.4	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.0	J	4.7	0.67	mg/Kg	1	☼	6010B	Total/NA
Sodium	95.7	J	164	15.2	mg/Kg	1	☼	6010B	Total/NA
Vanadium	189		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	4.4		2.3	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.082		0.024	0.0097	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	0.54	J	0.90	0.31	mg/Kg	1	☼	7196A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	6.97		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-3-0-1

Lab Sample ID: 480-17629-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3900		11.8	5.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.8		2.4	0.47	mg/Kg	1	☼	6010B	Total/NA
Barium	4.2		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.098	J	0.24	0.035	mg/Kg	1	☼	6010B	Total/NA
Calcium	2920	B	58.8	3.9	mg/Kg	1	☼	6010B	Total/NA
Chromium	39.8		0.59	0.24	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.49	J	0.59	0.059	mg/Kg	1	☼	6010B	Total/NA
Copper	33.0		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	21600	B ^	11.8	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	4.4		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	85.5	B	23.5	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	40.3		0.24	0.038	mg/Kg	1	☼	6010B	Total/NA
Nickel	248		5.9	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	500		35.3	23.5	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.77	J	4.7	0.67	mg/Kg	1	☼	6010B	Total/NA
Silver	7.8		0.59	0.24	mg/Kg	1	☼	6010B	Total/NA
Sodium	152	J	165	15.3	mg/Kg	1	☼	6010B	Total/NA
Vanadium	129		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	285		2.4	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.035		0.021	0.0084	mg/Kg	1	☼	7471A	Total/NA
Hexavalent chromium	0.38	J	0.88	0.30	mg/Kg	1	☼	7196A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
pH	8.21		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: SB-3-1-2

Lab Sample ID: 480-17629-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11900		11.7	5.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.1		2.3	0.47	mg/Kg	1	☼	6010B	Total/NA
Barium	3.8		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.035	J	0.23	0.033	mg/Kg	1	☼	6010B	Total/NA
Calcium	902	B	58.3	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	55.6		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	5.9		1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	70200	B ^	58.3	6.4	mg/Kg	5	☼	6010B	Total/NA
Lead	5.5		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	39.9	B	23.3	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	11.3		0.23	0.037	mg/Kg	1	☼	6010B	Total/NA
Nickel	16.0		5.8	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	1150		35.0	23.3	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-1-2 (Continued)

Lab Sample ID: 480-17629-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Selenium	2.4	J	4.7	0.66	mg/Kg	1		✱	6010B	Total/NA
Sodium	328		163	15.2	mg/Kg	1		✱	6010B	Total/NA
Vanadium	305		0.58	0.13	mg/Kg	1		✱	6010B	Total/NA
Zinc	20.8		2.3	0.18	mg/Kg	1		✱	6010B	Total/NA
Mercury	0.38		0.023	0.0093	mg/Kg	1		✱	7471A	Total/NA
Hexavalent chromium	2.3		0.96	0.32	mg/Kg	1		✱	7196A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
pH	5.31		0.100	0.100	SU	1			9045C	Total/NA

Client Sample ID: WC-032112S

Lab Sample ID: 480-17629-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.059		0.010	0.0056	mg/L	1			6010B	TCLP
Barium	0.17	B	0.0020	0.00070	mg/L	1			6010B	TCLP
Cadmium	0.0022		0.0010	0.00050	mg/L	1			6010B	TCLP
Chromium	0.29	B	0.0040	0.0010	mg/L	1			6010B	TCLP
Lead	0.057		0.0050	0.0030	mg/L	1			6010B	TCLP
Selenium	0.023		0.015	0.0087	mg/L	1			6010B	TCLP
Silver	0.034		0.0030	0.0017	mg/L	1			6010B	TCLP
Mercury	0.0011		0.00020	0.00012	mg/L	1			7470A	TCLP
Cyanide, Reactive	59.5		10.0	0.0030	mg/Kg	1			9012	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1			1010	Total/NA
pH	7.78		0.100	0.100	SU	1			9045C	Total/NA

Client Sample ID: WC-032112W

Lab Sample ID: 480-17629-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	97	J	200	60	ug/L	20			8260B	Total/NA
Arsenic	0.016		0.010	0.0056	mg/L	1			6010B	Total/NA
Barium	0.30		0.0020	0.00070	mg/L	1			6010B	Total/NA
Cadmium	0.00087	J	0.0010	0.00050	mg/L	1			6010B	Total/NA
Chromium	0.084		0.0040	0.0010	mg/L	1			6010B	Total/NA
Lead	0.015		0.0050	0.0030	mg/L	1			6010B	Total/NA
Silver	0.039		0.0030	0.0017	mg/L	1			6010B	Total/NA
Mercury	0.00014	J	0.00020	0.00012	mg/L	1			7470A	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1			1010	Total/NA
pH	10.8	H	0.100	0.100	SU	1			9040B	Total/NA

Client Sample ID: WC-032712W

Lab Sample ID: 480-17757-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Isophorone	23	J	50	4.3	ug/L	10			8270C	Total/NA
Naphthalene	10	J	50	7.5	ug/L	10			8270C	Total/NA
Phenol	21	J	50	3.9	ug/L	10			8270C	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil	Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1			1010	Total/NA
pH	11.3	H	0.100	0.100	SU	1			9040B	Total/NA

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: GPW

Lab Sample ID: 480-17536-1

Date Collected: 03/21/12 14:50

Matrix: Water

Date Received: 03/22/12 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 02:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 02:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 02:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 02:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 02:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 02:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 02:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 02:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 02:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 02:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 02:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 02:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 02:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 02:11	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 02:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 02:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 02:11	1
Acetone	ND		10	3.0	ug/L			03/28/12 02:11	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 02:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 02:11	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 02:11	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 02:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 02:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 02:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 02:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 02:11	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 02:11	1
Chloroform	0.45	J	1.0	0.34	ug/L			03/28/12 02:11	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 02:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 02:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 02:11	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 02:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 02:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 02:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 02:11	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 02:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 02:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 02:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 02:11	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 02:11	1
Tetrachloroethene	0.60	J	1.0	0.36	ug/L			03/28/12 02:11	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 02:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 02:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 02:11	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 02:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 02:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 02:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		66 - 137		03/28/12 02:11	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: GPW

Date Collected: 03/21/12 14:50

Date Received: 03/22/12 09:30

Lab Sample ID: 480-17536-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	117		71 - 126		03/28/12 02:11	1
4-Bromofluorobenzene (Surr)	114		73 - 120		03/28/12 02:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/23/12 08:00	03/23/12 15:37	1
Antimony	ND		0.020	0.0068	mg/L		03/23/12 08:00	03/23/12 15:37	1
Arsenic	ND		0.010	0.0056	mg/L		03/23/12 08:00	03/23/12 15:37	1
Barium	0.011		0.0020	0.00070	mg/L		03/23/12 08:00	03/23/12 15:37	1
Beryllium	ND		0.0020	0.00030	mg/L		03/23/12 08:00	03/23/12 15:37	1
Cadmium	ND		0.0010	0.00050	mg/L		03/23/12 08:00	03/23/12 15:37	1
Calcium	99.6		0.50	0.10	mg/L		03/23/12 08:00	03/23/12 15:37	1
Chromium	0.0034	J	0.0040	0.0010	mg/L		03/23/12 08:00	03/23/12 15:37	1
Cobalt	ND		0.0040	0.00063	mg/L		03/23/12 08:00	03/23/12 15:37	1
Copper	0.0053	J	0.010	0.0016	mg/L		03/23/12 08:00	03/23/12 15:37	1
Iron	ND		0.050	0.019	mg/L		03/23/12 08:00	03/23/12 15:37	1
Lead	ND		0.0050	0.0030	mg/L		03/23/12 08:00	03/23/12 15:37	1
Magnesium	21.3		0.20	0.043	mg/L		03/23/12 08:00	03/23/12 15:37	1
Manganese	ND		0.0030	0.00040	mg/L		03/23/12 08:00	03/23/12 15:37	1
Nickel	ND		0.010	0.0013	mg/L		03/23/12 08:00	03/23/12 15:37	1
Potassium	5.7	B	0.50	0.10	mg/L		03/23/12 08:00	03/23/12 15:37	1
Selenium	ND		0.015	0.0087	mg/L		03/23/12 08:00	03/23/12 15:37	1
Silver	ND		0.0030	0.0017	mg/L		03/23/12 08:00	03/23/12 15:37	1
Sodium	127		1.0	0.32	mg/L		03/23/12 08:00	03/23/12 15:37	1
Thallium	ND		0.020	0.010	mg/L		03/23/12 08:00	03/23/12 15:37	1
Vanadium	0.0025	J	0.0050	0.0015	mg/L		03/23/12 08:00	03/23/12 15:37	1
Zinc	0.027		0.010	0.0015	mg/L		03/23/12 08:00	03/23/12 15:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/23/12 08:05	03/23/12 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		0.010	0.0050	mg/L			03/22/12 14:26	1
Cyanide, Total	ND		0.010	0.0050	mg/L		03/27/12 09:30	03/28/12 16:08	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.18	H	0.100	0.100	SU			03/22/12 23:23	1

Client Sample ID: BD032112

Date Collected: 03/21/12 15:00

Date Received: 03/22/12 09:30

Lab Sample ID: 480-17536-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 03:22	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 03:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 03:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 03:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 03:22	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: BD032112

Lab Sample ID: 480-17536-2

Date Collected: 03/21/12 15:00

Matrix: Water

Date Received: 03/22/12 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 03:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 03:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 03:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 03:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 03:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 03:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 03:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 03:22	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 03:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 03:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 03:22	1
Acetone	ND		10	3.0	ug/L			03/28/12 03:22	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 03:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 03:22	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 03:22	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 03:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 03:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 03:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 03:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 03:22	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 03:22	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 03:22	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 03:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 03:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 03:22	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 03:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 03:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 03:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 03:22	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 03:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 03:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 03:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 03:22	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 03:22	1
Tetrachloroethene	0.58 J		1.0	0.36	ug/L			03/28/12 03:22	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 03:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 03:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 03:22	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 03:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 03:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 03:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/28/12 03:22	1
Toluene-d8 (Surr)	115		71 - 126		03/28/12 03:22	1
4-Bromofluorobenzene (Surr)	111		73 - 120		03/28/12 03:22	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/23/12 08:00	03/23/12 15:52	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: BD032112

Lab Sample ID: 480-17536-2

Date Collected: 03/21/12 15:00

Matrix: Water

Date Received: 03/22/12 09:30

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		03/23/12 08:00	03/23/12 15:52	1
Arsenic	ND		0.010	0.0056	mg/L		03/23/12 08:00	03/23/12 15:52	1
Barium	0.011		0.0020	0.00070	mg/L		03/23/12 08:00	03/23/12 15:52	1
Beryllium	ND		0.0020	0.00030	mg/L		03/23/12 08:00	03/23/12 15:52	1
Cadmium	ND		0.0010	0.00050	mg/L		03/23/12 08:00	03/23/12 15:52	1
Calcium	102		0.50	0.10	mg/L		03/23/12 08:00	03/23/12 15:52	1
Chromium	0.0032	J	0.0040	0.0010	mg/L		03/23/12 08:00	03/23/12 15:52	1
Cobalt	ND		0.0040	0.00063	mg/L		03/23/12 08:00	03/23/12 15:52	1
Copper	0.0051	J	0.010	0.0016	mg/L		03/23/12 08:00	03/23/12 15:52	1
Iron	ND		0.050	0.019	mg/L		03/23/12 08:00	03/23/12 15:52	1
Lead	ND		0.0050	0.0030	mg/L		03/23/12 08:00	03/23/12 15:52	1
Magnesium	21.8		0.20	0.043	mg/L		03/23/12 08:00	03/23/12 15:52	1
Manganese	ND		0.0030	0.00040	mg/L		03/23/12 08:00	03/23/12 15:52	1
Nickel	ND		0.010	0.0013	mg/L		03/23/12 08:00	03/23/12 15:52	1
Potassium	5.8	B	0.50	0.10	mg/L		03/23/12 08:00	03/23/12 15:52	1
Selenium	ND		0.015	0.0087	mg/L		03/23/12 08:00	03/23/12 15:52	1
Silver	ND		0.0030	0.0017	mg/L		03/23/12 08:00	03/23/12 15:52	1
Sodium	131		1.0	0.32	mg/L		03/23/12 08:00	03/23/12 15:52	1
Thallium	ND		0.020	0.010	mg/L		03/23/12 08:00	03/23/12 15:52	1
Vanadium	0.0030	J	0.0050	0.0015	mg/L		03/23/12 08:00	03/23/12 15:52	1
Zinc	0.027		0.010	0.0015	mg/L		03/23/12 08:00	03/23/12 15:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/23/12 08:05	03/23/12 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		0.010	0.0050	mg/L			03/22/12 14:32	1
Cyanide, Total	ND		0.010	0.0050	mg/L		03/27/12 09:30	03/28/12 16:07	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.29	H	0.100	0.100	SU			03/22/12 23:38	1

Client Sample ID: SB-3-2-4

Lab Sample ID: 480-17629-1

Date Collected: 03/20/12 15:19

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	0.37	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,1,1,2-Tetrachloroethane	ND		5.1	0.83	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,1,2-Trichloroethane	ND		5.1	0.66	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	1.2	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,1-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,1-Dichloroethene	ND		5.1	0.62	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,2,4-Trichlorobenzene	ND		5.1	0.31	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,2-Dibromo-3-Chloropropane	ND		5.1	2.5	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,2-Dibromoethane	ND		5.1	0.65	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,2-Dichlorobenzene	ND		5.1	0.40	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,2-Dichloroethane	ND		5.1	0.26	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,2-Dichloropropane	ND		5.1	2.5	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-2-4

Lab Sample ID: 480-17629-1

Date Collected: 03/20/12 15:19

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.1	0.26	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
1,4-Dichlorobenzene	ND		5.1	0.71	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
2-Butanone (MEK)	ND		25	1.9	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.7	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Acetone	5.1	J	25	4.3	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Benzene	ND		5.1	0.25	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Bromodichloromethane	ND		5.1	0.68	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Bromoform	ND		5.1	2.5	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Bromomethane	ND		5.1	0.46	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Carbon disulfide	ND		5.1	2.5	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Carbon tetrachloride	ND		5.1	0.49	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Chlorobenzene	ND		5.1	0.67	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Dibromochloromethane	ND		5.1	0.65	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Chloroethane	ND		5.1	1.2	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Chloroform	ND		5.1	0.31	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Chloromethane	ND		5.1	0.31	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
cis-1,2-Dichloroethene	ND		5.1	0.65	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
cis-1,3-Dichloropropene	ND		5.1	0.73	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Cyclohexane	ND		5.1	0.71	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Dichlorodifluoromethane	ND		5.1	0.42	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Ethylbenzene	ND		5.1	0.35	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Isopropylbenzene	ND		5.1	0.77	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Methyl acetate	ND		5.1	0.95	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Methyl tert-butyl ether	ND		5.1	0.50	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Methylcyclohexane	ND		5.1	0.77	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Methylene Chloride	ND		5.1	2.3	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Styrene	ND		5.1	0.25	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Tetrachloroethene	ND		5.1	0.68	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Toluene	ND		5.1	0.39	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
trans-1,2-Dichloroethene	ND		5.1	0.53	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
trans-1,3-Dichloropropene	ND		5.1	2.2	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Trichloroethene	ND		5.1	1.1	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Trichlorofluoromethane	ND		5.1	0.48	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Vinyl chloride	ND		5.1	0.62	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Xylenes, Total	ND		10	0.86	ug/Kg	☼	03/27/12 13:11	03/27/12 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		64 - 126				03/27/12 13:11	03/27/12 20:34	1
Toluene-d8 (Surr)	102		71 - 125				03/27/12 13:11	03/27/12 20:34	1
4-Bromofluorobenzene (Surr)	103		72 - 126				03/27/12 13:11	03/27/12 20:34	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4960		12.0	5.3	mg/Kg	☼	03/26/12 15:20	03/28/12 17:50	1
Antimony	ND		18.0	0.65	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Arsenic	3.8		2.4	0.48	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Barium	3.6		0.60	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Beryllium	1.4		0.24	0.034	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Cadmium	ND		0.24	0.036	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Calcium	221	B	59.9	4.0	mg/Kg	☼	03/26/12 15:20	03/28/12 17:50	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-2-4

Lab Sample ID: 480-17629-1

Date Collected: 03/20/12 15:19

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.2

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	37.7		0.60	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Cobalt	0.13	J	0.60	0.060	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Copper	4.0		1.2	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Iron	28300	B	12.0	1.3	mg/Kg	☼	03/26/12 15:20	03/29/12 21:37	1
Lead	3.9		1.2	0.29	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Magnesium	38.6	B	24.0	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Manganese	16.0		0.24	0.038	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Nickel	3.6	J	6.0	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Potassium	660		36.0	24.0	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Selenium	1.3	J	4.8	0.68	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Silver	ND		0.60	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Sodium	162	J	168	15.6	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Thallium	ND		7.2	0.36	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Vanadium	147		0.60	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1
Zinc	6.0		2.4	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:00	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	J	0.022	0.0089	mg/Kg	☼	03/26/12 10:00	03/26/12 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	1.0		0.89	0.30	mg/Kg	☼	04/05/12 07:42	04/06/12 13:22	1
Cyanide, Total	0.53	J	1.0	0.50	mg/Kg	☼	03/29/12 19:00	03/30/12 15:49	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.33		0.100	0.100	SU	—		03/26/12 19:34	1

Client Sample ID: SB-2-0-1

Lab Sample ID: 480-17629-3

Date Collected: 03/21/12 12:33

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.42	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,1,1,2,2-Tetrachloroethane	ND		5.7	0.93	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,1-Dichloroethane	ND		5.7	0.70	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,1-Dichloroethene	ND		5.7	0.70	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.9	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,2-Dichlorobenzene	ND		5.7	0.45	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,2-Dichloroethane	ND		5.7	0.29	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,2-Dichloropropane	ND		5.7	2.9	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
1,4-Dichlorobenzene	ND		5.7	0.80	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Acetone	8.0	J	29	4.8	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-0-1

Lab Sample ID: 480-17629-3

Date Collected: 03/21/12 12:33

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.7	0.28	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Bromodichloromethane	ND		5.7	0.77	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Bromomethane	ND		5.7	0.52	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Carbon disulfide	ND		5.7	2.9	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Chlorobenzene	ND		5.7	0.76	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Chloroform	ND		5.7	0.35	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Chloromethane	ND		5.7	0.35	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Cyclohexane	ND		5.7	0.80	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Methylcyclohexane	ND		5.7	0.87	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Methylene Chloride	ND		5.7	2.6	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Styrene	ND		5.7	0.29	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Tetrachloroethene	ND		5.7	0.77	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Toluene	ND		5.7	0.43	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Trichloroethene	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Vinyl chloride	ND		5.7	0.70	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼	03/27/12 13:11	03/27/12 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	03/27/12 13:11	03/27/12 20:59	1
Toluene-d8 (Surr)	104		71 - 125	03/27/12 13:11	03/27/12 20:59	1
4-Bromofluorobenzene (Surr)	104		72 - 126	03/27/12 13:11	03/27/12 20:59	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5140		10.7	4.7	mg/Kg	☼	03/26/12 15:20	03/28/12 17:57	1
Antimony	ND		16.0	0.58	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Arsenic	2.1		2.1	0.43	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Barium	26.1		0.53	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Beryllium	0.035	J	0.21	0.030	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Cadmium	0.81		0.21	0.032	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Calcium	195000	B	267	17.6	mg/Kg	☼	03/26/12 15:20	03/28/12 18:34	5
Chromium	59.0		0.53	0.21	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Cobalt	2.5		0.53	0.053	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Copper	313		1.1	0.22	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Iron	7950	B ^	10.7	1.2	mg/Kg	☼	03/26/12 15:20	03/29/12 21:44	1
Lead	7.5		1.1	0.26	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Magnesium	2950	B	21.4	0.99	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-0-1

Lab Sample ID: 480-17629-3

Date Collected: 03/21/12 12:33

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.4

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	126		0.21	0.034	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Nickel	148		5.3	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Potassium	451		32.0	21.4	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Selenium	ND		4.3	0.61	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Silver	49.8		0.53	0.21	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Sodium	206		149	13.9	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Thallium	ND		6.4	0.32	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Vanadium	26.4		0.53	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1
Zinc	560		2.1	0.16	mg/Kg	☼	03/26/12 15:20	03/27/12 16:07	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.023	0.0094	mg/Kg	☼	03/26/12 10:00	03/26/12 12:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	0.77	J	0.88	0.30	mg/Kg	☼	04/05/12 07:42	04/06/12 13:26	1
Cyanide, Total	0.57	J	1.0	0.49	mg/Kg	☼	03/29/12 19:00	03/30/12 15:51	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.13		0.100	0.100	SU	—		03/26/12 19:52	1

Client Sample ID: SB-2-1-2

Lab Sample ID: 480-17629-4

Date Collected: 03/21/12 12:48

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 93.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	0.38	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.86	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,1,2-Trichloroethane	ND		5.3	0.69	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.2	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,1-Dichloroethane	ND		5.3	0.65	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,1-Dichloroethene	ND		5.3	0.65	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,2,4-Trichlorobenzene	ND		5.3	0.32	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,2-Dibromo-3-Chloropropane	ND		5.3	2.7	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,2-Dibromoethane	ND		5.3	0.68	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,2-Dichlorobenzene	ND		5.3	0.41	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,2-Dichloroethane	ND		5.3	0.27	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,2-Dichloropropane	ND		5.3	2.7	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,3-Dichlorobenzene	ND		5.3	0.27	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
1,4-Dichlorobenzene	ND		5.3	0.74	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
2-Hexanone	ND		27	2.7	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
2-Butanone (MEK)	ND		27	1.9	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.7	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Acetone	ND		27	4.5	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Benzene	ND		5.3	0.26	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Bromodichloromethane	ND		5.3	0.71	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Bromomethane	ND		5.3	0.48	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Carbon disulfide	ND		5.3	2.7	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Carbon tetrachloride	ND		5.3	0.51	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-1-2

Lab Sample ID: 480-17629-4

Date Collected: 03/21/12 12:48

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 93.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5.3	0.70	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Dibromochloromethane	ND		5.3	0.68	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Chloroethane	ND		5.3	1.2	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Chloroform	ND		5.3	0.33	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Chloromethane	ND		5.3	0.32	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
cis-1,2-Dichloroethene	ND		5.3	0.68	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
cis-1,3-Dichloropropene	ND		5.3	0.76	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Cyclohexane	ND		5.3	0.74	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Dichlorodifluoromethane	ND		5.3	0.44	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Ethylbenzene	ND		5.3	0.37	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Isopropylbenzene	ND		5.3	0.80	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Methyl acetate	ND		5.3	0.99	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Methyl tert-butyl ether	ND		5.3	0.52	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Methylcyclohexane	ND		5.3	0.81	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Methylene Chloride	ND		5.3	2.4	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Styrene	ND		5.3	0.27	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Tetrachloroethene	ND		5.3	0.71	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Toluene	ND		5.3	0.40	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
trans-1,2-Dichloroethene	ND		5.3	0.55	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
trans-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Trichloroethene	ND		5.3	1.2	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Trichlorofluoromethane	ND		5.3	0.50	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Vinyl chloride	ND		5.3	0.65	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1
Xylenes, Total	ND		11	0.89	ug/Kg	☼	03/27/12 13:11	03/27/12 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	03/27/12 13:11	03/27/12 21:25	1
Toluene-d8 (Surr)	104		71 - 125	03/27/12 13:11	03/27/12 21:25	1
4-Bromofluorobenzene (Surr)	103		72 - 126	03/27/12 13:11	03/27/12 21:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2550		10.6	4.7	mg/Kg	☼	03/26/12 15:20	03/28/12 17:59	1
Antimony	ND		16.0	0.57	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Arsenic	0.75	J	2.1	0.43	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Barium	5.6		0.53	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Beryllium	ND		0.21	0.030	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Cadmium	0.086	J	0.21	0.032	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Calcium	1240	B	53.2	3.5	mg/Kg	☼	03/26/12 15:20	03/28/12 17:59	1
Chromium	6.8		0.53	0.21	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Cobalt	1.0		0.53	0.053	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Copper	6.9		1.1	0.22	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Iron	7020	B ^	10.6	1.2	mg/Kg	☼	03/26/12 15:20	03/29/12 21:47	1
Lead	19.1		1.1	0.26	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Magnesium	91.6	B	21.3	0.99	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Manganese	121		0.21	0.034	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Nickel	5.4		5.3	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Potassium	95.4		31.9	21.3	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Selenium	ND		4.3	0.61	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Silver	0.46	J	0.53	0.21	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Sodium	25.3	J	149	13.8	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-1-2

Lab Sample ID: 480-17629-4

Date Collected: 03/21/12 12:48

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 93.9

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		6.4	0.32	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Vanadium	20.7		0.53	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1
Zinc	21.4		2.1	0.16	mg/Kg	☼	03/26/12 15:20	03/27/12 16:09	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.023	0.0093	mg/Kg	☼	03/26/12 10:00	03/26/12 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	0.31	J	0.85	0.29	mg/Kg	☼	04/05/12 07:42	04/06/12 13:28	1
Cyanide, Total	ND		0.98	0.47	mg/Kg	☼	03/29/12 19:00	03/30/12 15:52	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.02		0.100	0.100	SU	—		03/26/12 20:01	1

Client Sample ID: SB-2-2-4

Lab Sample ID: 480-17629-5

Date Collected: 03/21/12 12:55

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	0.46	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.0	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,1,2-Trichloroethane	ND		6.3	0.82	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.4	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,1-Dichloroethane	ND		6.3	0.77	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,1-Dichloroethene	ND		6.3	0.77	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,2,4-Trichlorobenzene	ND		6.3	0.38	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,2-Dibromo-3-Chloropropane	ND		6.3	3.2	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,2-Dibromoethane	ND		6.3	0.81	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,2-Dichlorobenzene	ND		6.3	0.49	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,2-Dichloroethane	ND		6.3	0.32	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,2-Dichloropropane	ND		6.3	3.2	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,3-Dichlorobenzene	ND		6.3	0.32	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
1,4-Dichlorobenzene	ND		6.3	0.88	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
2-Hexanone	ND		32	3.2	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
2-Butanone (MEK)	ND		32	2.3	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
4-Methyl-2-pentanone (MIBK)	ND		32	2.1	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Acetone	ND		32	5.3	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Benzene	ND		6.3	0.31	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Bromodichloromethane	ND		6.3	0.85	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Bromomethane	ND		6.3	0.57	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Carbon disulfide	ND		6.3	3.2	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Carbon tetrachloride	ND		6.3	0.61	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Chlorobenzene	ND		6.3	0.83	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Dibromochloromethane	ND		6.3	0.81	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Chloroethane	ND		6.3	1.4	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Chloroform	ND		6.3	0.39	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Chloromethane	ND		6.3	0.38	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
cis-1,2-Dichloroethene	ND		6.3	0.81	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-2-4

Lab Sample ID: 480-17629-5

Date Collected: 03/21/12 12:55

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		6.3	0.91	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Cyclohexane	ND		6.3	0.88	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Dichlorodifluoromethane	ND		6.3	0.52	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Ethylbenzene	ND		6.3	0.44	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Isopropylbenzene	ND		6.3	0.95	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Methyl acetate	ND		6.3	1.2	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Methyl tert-butyl ether	ND		6.3	0.62	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Methylcyclohexane	ND		6.3	0.96	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Methylene Chloride	ND		6.3	2.9	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Styrene	ND		6.3	0.32	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Tetrachloroethene	ND		6.3	0.85	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Toluene	ND		6.3	0.48	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
trans-1,2-Dichloroethene	ND		6.3	0.65	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Trichloroethene	ND		6.3	1.4	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Trichlorofluoromethane	ND		6.3	0.60	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Vinyl chloride	ND		6.3	0.77	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	03/28/12 10:22	03/28/12 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		64 - 126	03/28/12 10:22	03/28/12 15:38	1
Toluene-d8 (Surr)	104		71 - 125	03/28/12 10:22	03/28/12 15:38	1
4-Bromofluorobenzene (Surr)	106		72 - 126	03/28/12 10:22	03/28/12 15:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8070		12.4	5.4	mg/Kg	☼	03/26/12 15:20	03/28/12 18:01	1
Antimony	ND		18.6	0.67	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Arsenic	5.5		2.5	0.49	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Barium	4.0		0.62	0.14	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Beryllium	ND		0.25	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Cadmium	ND		0.25	0.037	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Calcium	974	B	61.9	4.1	mg/Kg	☼	03/26/12 15:20	03/28/12 18:01	1
Chromium	41.3		0.62	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Cobalt	0.13	J	0.62	0.062	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Copper	9.3		1.2	0.26	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Iron	45400	B ^	12.4	1.4	mg/Kg	☼	03/26/12 15:20	03/29/12 21:54	1
Lead	3.0		1.2	0.30	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Magnesium	61.8	B	24.7	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Manganese	17.6		0.25	0.040	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Nickel	3.4	J	6.2	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Potassium	155		37.1	24.7	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Selenium	2.0	J	4.9	0.71	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Silver	ND		0.62	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Sodium	45.1	J	173	16.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Thallium	ND		7.4	0.37	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Vanadium	136		0.62	0.14	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1
Zinc	8.6		2.5	0.19	mg/Kg	☼	03/26/12 15:20	03/27/12 16:11	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.023	0.0092	mg/Kg	☼	03/26/12 10:00	03/26/12 12:40	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-2-4

Lab Sample ID: 480-17629-5

Date Collected: 03/21/12 12:55

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 81.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	0.44	J	0.98	0.33	mg/Kg	☼	04/05/12 07:42	04/06/12 13:38	1
Cyanide, Total	0.61	J	1.2	0.58	mg/Kg	☼	03/29/12 19:00	03/30/12 15:55	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.29		0.100	0.100	SU			03/26/12 20:10	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-17629-7

Date Collected: 03/21/12 00:00

Matrix: Water

Date Received: 03/23/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 03:47	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 03:47	1
1,1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 03:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 03:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 03:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 03:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 03:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 03:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 03:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 03:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 03:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 03:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 03:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 03:47	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 03:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 03:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 03:47	1
Acetone	ND		10	3.0	ug/L			03/28/12 03:47	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 03:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 03:47	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 03:47	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 03:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 03:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 03:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 03:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 03:47	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 03:47	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 03:47	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 03:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 03:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 03:47	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 03:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 03:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 03:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 03:47	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 03:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 03:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 03:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 03:47	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 03:47	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-17629-7

Date Collected: 03/21/12 00:00

Matrix: Water

Date Received: 03/23/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/12 03:47	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 03:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 03:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 03:47	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 03:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 03:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 03:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137					03/28/12 03:47	1
Toluene-d8 (Surr)	111		71 - 126					03/28/12 03:47	1
4-Bromofluorobenzene (Surr)	108		73 - 120					03/28/12 03:47	1

Client Sample ID: SB-4-0-1

Lab Sample ID: 480-17629-8

Date Collected: 03/20/12 09:30

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,1,2-Trichloroethane	ND		5.5	0.71	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.2	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.7	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,2-Dibromoethane	ND		5.5	0.70	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,2-Dichloropropane	ND		5.5	2.7	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
2-Hexanone	ND		27	2.7	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Acetone	ND		27	4.6	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Benzene	ND		5.5	0.27	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Bromodichloromethane	ND		5.5	0.73	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Bromoform	ND		5.5	2.7	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Bromomethane	ND		5.5	0.49	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Carbon disulfide	ND		5.5	2.7	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Chlorobenzene	ND		5.5	0.72	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Dibromochloromethane	ND		5.5	0.70	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Chloroethane	ND		5.5	1.2	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Chloroform	ND		5.5	0.34	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
cis-1,2-Dichloroethene	ND		5.5	0.70	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-0-1

Lab Sample ID: 480-17629-8

Date Collected: 03/20/12 09:30

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.5	0.77	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Dichlorodifluoromethane	ND		5.5	0.45	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Methyl acetate	ND		5.5	1.0	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Methylcyclohexane	ND		5.5	0.83	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Styrene	ND		5.5	0.27	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Tetrachloroethene	ND		5.5	0.74	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Toluene	ND		5.5	0.41	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1
Xylenes, Total	ND		11	0.92	ug/Kg	☼	03/28/12 10:22	03/28/12 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	03/28/12 10:22	03/28/12 16:03	1
Toluene-d8 (Surr)	105		71 - 125	03/28/12 10:22	03/28/12 16:03	1
4-Bromofluorobenzene (Surr)	105		72 - 126	03/28/12 10:22	03/28/12 16:03	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		12.0	5.3	mg/Kg	☼	03/26/12 15:20	03/28/12 18:03	1
Antimony	0.67	J	18.0	0.65	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Arsenic	23.1		2.4	0.48	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Barium	5.6		0.60	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Beryllium	0.16	J	0.24	0.034	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Cadmium	0.12	J	0.24	0.036	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Calcium	321000	B	599	39.6	mg/Kg	☼	03/26/12 15:20	03/28/12 18:36	10
Chromium	38.9		0.60	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Cobalt	2.9		0.60	0.060	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Copper	12.6		1.2	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Iron	13700	B ^	12.0	1.3	mg/Kg	☼	03/26/12 15:20	03/29/12 21:57	1
Lead	1.3		1.2	0.29	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Magnesium	1810	B	24.0	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Manganese	273		0.24	0.038	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Nickel	12.6		6.0	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Potassium	144		36.0	24.0	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Selenium	ND		4.8	0.68	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Silver	ND		0.60	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Sodium	60.1	J	168	15.6	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Thallium	ND		7.2	0.36	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Vanadium	51.5		0.60	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1
Zinc	13.9		2.4	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:13	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.020	0.0081	mg/Kg	☼	03/26/12 10:00	03/26/12 12:42	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-0-1

Lab Sample ID: 480-17629-8

Date Collected: 03/20/12 09:30

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		0.88	0.30	mg/Kg	☆	04/05/12 07:42	04/06/12 13:39	1
Cyanide, Total	0.62	J	1.1	0.53	mg/Kg	☆	03/27/12 19:30	03/28/12 17:09	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.18		0.100	0.100	SU			03/26/12 20:19	1

Client Sample ID: SB-4-1-2

Lab Sample ID: 480-17629-9

Date Collected: 03/20/12 09:47

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 81.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.45	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,1,1,2-Tetrachloroethane	ND		6.2	1.0	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,1,2-Trichloroethane	ND		6.2	0.81	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.4	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,1-Dichloroethane	ND		6.2	0.76	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,1-Dichloroethene	ND		6.2	0.76	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,2,4-Trichlorobenzene	ND		6.2	0.38	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,2-Dibromo-3-Chloropropane	ND		6.2	3.1	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,2-Dibromoethane	ND		6.2	0.80	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,2-Dichlorobenzene	ND		6.2	0.48	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,2-Dichloroethane	ND		6.2	0.31	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,2-Dichloropropane	ND		6.2	3.1	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,3-Dichlorobenzene	ND		6.2	0.32	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
1,4-Dichlorobenzene	ND		6.2	0.87	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
2-Hexanone	ND		31	3.1	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
2-Butanone (MEK)	ND		31	2.3	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.0	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Acetone	ND		31	5.2	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Benzene	ND		6.2	0.30	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Bromodichloromethane	ND		6.2	0.83	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Bromoform	ND		6.2	3.1	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Bromomethane	ND		6.2	0.56	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Carbon disulfide	ND		6.2	3.1	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Carbon tetrachloride	ND		6.2	0.60	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Chlorobenzene	ND		6.2	0.82	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Dibromochloromethane	ND		6.2	0.79	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Chloroethane	ND		6.2	1.4	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Chloroform	ND		6.2	0.38	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Chloromethane	ND		6.2	0.37	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
cis-1,2-Dichloroethene	ND		6.2	0.79	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
cis-1,3-Dichloropropene	ND		6.2	0.89	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Cyclohexane	ND		6.2	0.87	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Dichlorodifluoromethane	ND		6.2	0.51	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Ethylbenzene	ND		6.2	0.43	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Isopropylbenzene	ND		6.2	0.93	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Methyl acetate	ND		6.2	1.2	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Methyl tert-butyl ether	ND		6.2	0.61	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Methylcyclohexane	ND		6.2	0.94	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Methylene Chloride	ND		6.2	2.9	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1
Styrene	ND		6.2	0.31	ug/Kg	☆	03/28/12 10:22	03/28/12 16:29	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-1-2

Lab Sample ID: 480-17629-9

Date Collected: 03/20/12 09:47

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 81.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		6.2	0.83	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1
Toluene	ND		6.2	0.47	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1
trans-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1
Trichloroethene	ND		6.2	1.4	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1
Trichlorofluoromethane	ND		6.2	0.59	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1
Vinyl chloride	ND		6.2	0.76	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	03/28/12 10:22	03/28/12 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		64 - 126	03/28/12 10:22	03/28/12 16:29	1
Toluene-d8 (Surr)	103		71 - 125	03/28/12 10:22	03/28/12 16:29	1
4-Bromofluorobenzene (Surr)	104		72 - 126	03/28/12 10:22	03/28/12 16:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10900		11.4	5.0	mg/Kg	☼	03/26/12 15:20	03/28/12 18:05	1
Antimony	ND		17.0	0.61	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Arsenic	17.2		2.3	0.45	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Barium	4.9		0.57	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Beryllium	ND		0.23	0.032	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Cadmium	ND		0.23	0.034	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Calcium	1190	B	56.8	3.7	mg/Kg	☼	03/26/12 15:20	03/28/12 18:05	1
Chromium	65.6		0.57	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Cobalt	ND		0.57	0.057	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Copper	3.9		1.1	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Iron	57600	B ^	56.8	6.2	mg/Kg	☼	03/26/12 15:20	03/28/12 18:38	5
Lead	5.1		1.1	0.27	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Magnesium	63.4	B	22.7	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Manganese	4.4		0.23	0.036	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Nickel	1.9	J	5.7	0.26	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Potassium	122		34.1	22.7	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Selenium	2.6	J	4.5	0.65	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Silver	ND		0.57	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Sodium	73.8	J	159	14.8	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Thallium	ND		6.8	0.34	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Vanadium	380		0.57	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1
Zinc	2.9		2.3	0.17	mg/Kg	☼	03/26/12 15:20	03/27/12 16:15	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.30		0.024	0.0098	mg/Kg	☼	03/26/12 10:00	03/26/12 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	1.3		0.99	0.33	mg/Kg	☼	04/05/12 07:42	04/06/12 13:43	1
Cyanide, Total	0.81	J	1.2	0.57	mg/Kg	☼	03/27/12 19:30	03/28/12 17:10	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.86		0.100	0.100	SU	—		03/26/12 20:28	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-2-4

Lab Sample ID: 480-17629-10

Date Collected: 03/20/12 10:14

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,1,1,2-Tetrachloroethane	ND		5.8	0.93	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,1-Dichloroethane	ND		5.8	0.70	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,1-Dichloroethene	ND		5.8	0.70	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,2,4-Trichlorobenzene	ND		5.8	0.35	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,2-Dibromo-3-Chloropropane	ND		5.8	2.9	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,2-Dibromoethane	ND		5.8	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Acetone	7.1	J	29	4.8	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Benzene	ND		5.8	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Bromodichloromethane	ND		5.8	0.77	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Bromomethane	ND		5.8	0.52	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Carbon disulfide	ND		5.8	2.9	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Chlorobenzene	ND		5.8	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Chloroethane	ND		5.8	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Chloromethane	ND		5.8	0.35	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
cis-1,3-Dichloropropene	ND		5.8	0.83	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Cyclohexane	ND		5.8	0.81	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Isopropylbenzene	ND		5.8	0.87	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Methyl acetate	ND		5.8	1.1	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Methyl tert-butyl ether	ND		5.8	0.56	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Methylcyclohexane	ND		5.8	0.87	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Methylene Chloride	ND		5.8	2.6	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Styrene	ND		5.8	0.29	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Tetrachloroethene	ND		5.8	0.77	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Toluene	ND		5.8	0.43	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
trans-1,2-Dichloroethene	ND		5.8	0.59	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
trans-1,3-Dichloropropene	ND		5.8	2.5	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Trichlorofluoromethane	ND		5.8	0.54	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Vinyl chloride	ND		5.8	0.70	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1
Xylenes, Total	ND		12	0.97	ug/Kg	☼	03/27/12 13:11	03/28/12 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		64 - 126	03/27/12 13:11	03/28/12 11:49	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-2-4

Lab Sample ID: 480-17629-10

Date Collected: 03/20/12 10:14

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		71 - 125	03/27/12 13:11	03/28/12 11:49	1
4-Bromofluorobenzene (Surr)	103		72 - 126	03/27/12 13:11	03/28/12 11:49	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6930		11.6	5.1	mg/Kg	☼	03/26/12 15:20	03/28/12 18:07	1
Antimony	ND		17.3	0.62	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Arsenic	4.7		2.3	0.46	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Barium	2.3		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Beryllium	ND		0.23	0.032	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Cadmium	ND		0.23	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Calcium	95.6	B	57.8	3.8	mg/Kg	☼	03/26/12 15:20	03/28/12 18:07	1
Chromium	55.3		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Cobalt	0.49	J	0.58	0.058	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Copper	7.2		1.2	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Iron	43100	B ^	11.6	1.3	mg/Kg	☼	03/26/12 15:20	03/29/12 22:01	1
Lead	2.8		1.2	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Magnesium	38.0	B	23.1	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Manganese	28.7		0.23	0.037	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Nickel	2.1	J	5.8	0.27	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Potassium	88.3		34.7	23.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Selenium	1.1	J	4.6	0.66	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Silver	ND		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Sodium	20.6	J	162	15.0	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Thallium	ND		6.9	0.35	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Vanadium	147		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1
Zinc	6.6		2.3	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:17	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024	0.0095	mg/Kg	☼	03/26/12 10:00	03/26/12 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	0.45	J	0.91	0.31	mg/Kg	☼	04/05/12 07:42	04/06/12 13:44	1
Cyanide, Total	ND		1.1	0.53	mg/Kg	☼	03/27/12 19:30	03/28/12 17:11	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.96		0.100	0.100	SU	-		03/26/12 20:37	1

Client Sample ID: SB-1-0-1

Lab Sample ID: 480-17629-12

Date Collected: 03/20/12 12:50

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,1-Dichloroethene	ND		5.7	0.70	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-0-1

Lab Sample ID: 480-17629-12

Date Collected: 03/20/12 12:50

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,2-Dichloroethane	ND		5.7	0.29	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
1,4-Dichlorobenzene	ND		5.7	0.80	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Acetone	7.3	J	28	4.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Benzene	ND		5.7	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Dibromochloromethane	ND		5.7	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Chloroform	ND		5.7	0.35	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Cyclohexane	ND		5.7	0.80	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Isopropylbenzene	ND		5.7	0.86	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Methylene Chloride	ND		5.7	2.6	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Styrene	ND		5.7	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Tetrachloroethene	ND		5.7	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Toluene	ND		5.7	0.43	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Trichloroethene	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼	03/27/12 13:11	03/28/12 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	03/27/12 13:11	03/28/12 13:05	1
Toluene-d8 (Surr)	104		71 - 125	03/27/12 13:11	03/28/12 13:05	1
4-Bromofluorobenzene (Surr)	104		72 - 126	03/27/12 13:11	03/28/12 13:05	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2390		10.9	4.8	mg/Kg	☼	03/26/12 15:20	03/28/12 18:21	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-0-1

Lab Sample ID: 480-17629-12

Date Collected: 03/20/12 12:50

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.9

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		16.4	0.59	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Arsenic	8.4		2.2	0.44	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Barium	6.1		0.55	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Beryllium	0.036	J	0.22	0.031	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Cadmium	0.50		0.22	0.033	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Calcium	283000	B	547	36.1	mg/Kg	☼	03/26/12 15:20	03/28/12 18:40	10
Chromium	30.0		0.55	0.22	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Cobalt	2.6		0.55	0.055	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Copper	132		1.1	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Iron	7690	B ^	10.9	1.2	mg/Kg	☼	03/26/12 15:20	03/28/12 18:21	1
Lead	4.4		1.1	0.26	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Magnesium	1910	B	21.9	1.0	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Manganese	72.2		0.22	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Nickel	90.5		5.5	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Potassium	122		32.8	21.9	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Selenium	ND		4.4	0.62	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Silver	43.6		0.55	0.22	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Sodium	76.3	J	153	14.2	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Thallium	ND		6.6	0.33	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Vanadium	32.6		0.55	0.12	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1
Zinc	954		2.2	0.17	mg/Kg	☼	03/26/12 15:20	03/27/12 16:31	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070		0.023	0.0091	mg/Kg	☼	03/26/12 10:00	03/26/12 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	1.4		0.90	0.30	mg/Kg	☼	04/05/12 07:42	04/06/12 13:47	1
Cyanide, Total	1.2		1.1	0.51	mg/Kg	☼	03/27/12 19:30	03/28/12 17:13	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.43		0.100	0.100	SU	—		03/26/12 20:47	1

Client Sample ID: SB-1-1-2

Lab Sample ID: 480-17629-13

Date Collected: 03/20/12 12:55

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,1,1,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,1-Dichloroethene	ND		5.7	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,2,4-Trichlorobenzene	ND		5.7	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,2-Dichloroethane	ND		5.7	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-1-2

Lab Sample ID: 480-17629-13

Date Collected: 03/20/12 12:55

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
1,4-Dichlorobenzene	ND		5.7	0.79	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Acetone	14	J	28	4.8	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Benzene	ND		5.7	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Dibromochloromethane	ND		5.7	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Chloroform	ND		5.7	0.35	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
cis-1,2-Dichloroethene	ND		5.7	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
cis-1,3-Dichloropropene	ND		5.7	0.81	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Cyclohexane	ND		5.7	0.79	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Isopropylbenzene	ND		5.7	0.85	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Methylene Chloride	ND		5.7	2.6	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Styrene	ND		5.7	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Tetrachloroethene	ND		5.7	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Toluene	ND		5.7	0.43	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
trans-1,2-Dichloroethene	ND		5.7	0.58	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Trichloroethene	ND		5.7	1.2	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼	03/27/12 13:11	03/28/12 15:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126				03/27/12 13:11	03/28/12 15:12	1
Toluene-d8 (Surr)	101		71 - 125				03/27/12 13:11	03/28/12 15:12	1
4-Bromofluorobenzene (Surr)	102		72 - 126				03/27/12 13:11	03/28/12 15:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4670		11.6	5.1	mg/Kg	☼	03/26/12 15:20	03/28/12 18:23	1
Antimony	ND		17.4	0.63	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Arsenic	3.5		2.3	0.46	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Barium	6.4		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Beryllium	ND		0.23	0.032	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Cadmium	0.039	J	0.23	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Calcium	1240	B	57.9	3.8	mg/Kg	☼	03/26/12 15:20	03/28/12 18:23	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-1-2

Lab Sample ID: 480-17629-13

Date Collected: 03/20/12 12:55

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 90.0

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	23.1		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Cobalt	0.33	J	0.58	0.058	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Copper	6.3		1.2	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Iron	20200	B ^	11.6	1.3	mg/Kg	☼	03/26/12 15:20	03/28/12 18:23	1
Lead	5.3		1.2	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Magnesium	76.7	B	23.2	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Manganese	31.5		0.23	0.037	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Nickel	2.4	J	5.8	0.27	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Potassium	127		34.8	23.2	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Selenium	1.5	J	4.6	0.66	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Silver	0.75		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Sodium	62.8	J	162	15.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Thallium	ND		7.0	0.35	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Vanadium	82.3		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1
Zinc	16.3		2.3	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:33	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086		0.020	0.0079	mg/Kg	☼	03/26/12 10:00	03/26/12 12:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	1.7		0.89	0.30	mg/Kg	☼	04/05/12 07:42	04/06/12 13:48	1
Cyanide, Total	ND		1.1	0.52	mg/Kg	☼	03/27/12 19:30	03/28/12 17:14	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.90		0.100	0.100	SU	—		03/26/12 20:56	1

Client Sample ID: SB-1-2-4

Lab Sample ID: 480-17629-14

Date Collected: 03/20/12 13:05

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,1,1,2,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,1-Dichloroethene	ND		5.6	0.68	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
1,4-Dichlorobenzene	ND		5.6	0.78	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Acetone	6.9	J	28	4.7	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-2-4

Lab Sample ID: 480-17629-14

Date Collected: 03/20/12 13:05

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.6	0.27	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Bromomethane	ND		5.6	0.50	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Dibromochloromethane	ND		5.6	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Chloroform	ND		5.6	0.35	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
cis-1,3-Dichloropropene	ND		5.6	0.81	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Cyclohexane	ND		5.6	0.78	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Ethylbenzene	ND		5.6	0.39	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Isopropylbenzene	ND		5.6	0.84	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Methyl acetate	ND		5.6	1.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Styrene	ND		5.6	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Toluene	ND		5.6	0.42	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1
Xylenes, Total	ND		11	0.94	ug/Kg	☼	03/27/12 13:11	03/28/12 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	03/27/12 13:11	03/28/12 13:31	1
Toluene-d8 (Surr)	100		71 - 125	03/27/12 13:11	03/28/12 13:31	1
4-Bromofluorobenzene (Surr)	103		72 - 126	03/27/12 13:11	03/28/12 13:31	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8240		11.8	5.2	mg/Kg	☼	03/26/12 15:20	03/28/12 18:25	1
Antimony	ND		17.7	0.64	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Arsenic	5.4		2.4	0.47	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Barium	3.6		0.59	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Beryllium	0.044	J	0.24	0.033	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Cadmium	ND		0.24	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Calcium	859	B	58.8	3.9	mg/Kg	☼	03/26/12 15:20	03/28/12 18:25	1
Chromium	41.8		0.59	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Cobalt	ND		0.59	0.059	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Copper	6.0		1.2	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Iron	73300	B ^	58.8	6.5	mg/Kg	☼	03/26/12 15:20	03/28/12 18:46	5
Lead	2.9		1.2	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Magnesium	82.0	B	23.5	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-2-4

Lab Sample ID: 480-17629-14

Date Collected: 03/20/12 13:05

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 84.2

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	12.6		0.24	0.038	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Nickel	2.3	J	5.9	0.27	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Potassium	158		35.3	23.5	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Selenium	2.3	J	4.7	0.67	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Silver	ND		0.59	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Sodium	85.8	J	165	15.3	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Thallium	ND		7.1	0.35	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Vanadium	222		0.59	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1
Zinc	4.7		2.4	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:35	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.024	0.0097	mg/Kg	☼	03/26/12 10:00	03/26/12 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	0.82	J	0.95	0.32	mg/Kg	☼	04/05/12 07:42	04/06/12 13:57	1
Cyanide, Total	ND		1.1	0.54	mg/Kg	☼	03/27/12 19:30	03/28/12 17:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.26		0.100	0.100	SU	—		03/26/12 21:14	1

Client Sample ID: BD 032012

Lab Sample ID: 480-17629-16

Date Collected: 03/20/12 16:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.44	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.98	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,1-Dichloroethane	ND		6.0	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,1-Dichloroethene	ND		6.0	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,2,4-Trichlorobenzene	ND		6.0	0.37	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Acetone	6.0	J	30	5.1	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Benzene	ND		6.0	0.30	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Bromodichloromethane	ND		6.0	0.81	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: BD 032012

Lab Sample ID: 480-17629-16

Date Collected: 03/20/12 16:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		6.0	0.80	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
cis-1,3-Dichloropropene	ND		6.0	0.87	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Dichlorodifluoromethane	ND		6.0	0.50	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Ethylbenzene	ND		6.0	0.42	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Isopropylbenzene	ND		6.0	0.91	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Methylcyclohexane	ND		6.0	0.92	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Methylene Chloride	ND		6.0	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Styrene	ND		6.0	0.30	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Tetrachloroethene	ND		6.0	0.81	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Toluene	ND		6.0	0.46	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Vinyl chloride	ND		6.0	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	03/27/12 13:11	03/28/12 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		64 - 126	03/27/12 13:11	03/28/12 13:56	1
Toluene-d8 (Surr)	103		71 - 125	03/27/12 13:11	03/28/12 13:56	1
4-Bromofluorobenzene (Surr)	103		72 - 126	03/27/12 13:11	03/28/12 13:56	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8810		11.7	5.1	mg/Kg	☼	03/26/12 15:20	03/28/12 18:28	1
Antimony	ND		17.5	0.63	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Arsenic	4.0		2.3	0.47	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Barium	4.0		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Beryllium	ND		0.23	0.033	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Cadmium	ND		0.23	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Calcium	885	B	58.4	3.9	mg/Kg	☼	03/26/12 15:20	03/28/12 18:28	1
Chromium	34.4		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Cobalt	ND		0.58	0.058	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Copper	5.8		1.2	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Iron	61400	B ^	58.4	6.4	mg/Kg	☼	03/26/12 15:20	03/28/12 18:49	5
Lead	2.9		1.2	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Magnesium	85.3	B	23.4	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Manganese	10.3		0.23	0.037	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Nickel	2.1	J	5.8	0.27	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Potassium	190		35.1	23.4	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Selenium	2.0	J	4.7	0.67	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Silver	ND		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Sodium	95.7	J	164	15.2	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: BD 032012

Lab Sample ID: 480-17629-16

Date Collected: 03/20/12 16:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.5

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		7.0	0.35	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Vanadium	189		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1
Zinc	4.4		2.3	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.082		0.024	0.0097	mg/Kg	☼	03/26/12 10:00	03/26/12 13:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	0.54	J	0.90	0.31	mg/Kg	☼	04/05/12 07:42	04/06/12 13:58	1
Cyanide, Total	ND		1.1	0.55	mg/Kg	☼	03/27/12 19:30	03/28/12 17:16	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.97		0.100	0.100	SU	—		03/26/12 21:23	1

Client Sample ID: SB-3-0-1

Lab Sample ID: 480-17629-17

Date Collected: 03/20/12 15:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 91.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	0.39	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.88	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,1,2-Trichloroethane	ND		5.4	0.71	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.2	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,1-Dichloroethane	ND		5.4	0.66	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,1-Dichloroethene	ND		5.4	0.67	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,2,4-Trichlorobenzene	ND		5.4	0.33	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,2-Dibromo-3-Chloropropane	ND		5.4	2.7	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,2-Dibromoethane	ND		5.4	0.70	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,2-Dichlorobenzene	ND		5.4	0.43	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,2-Dichloroethane	ND		5.4	0.27	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,2-Dichloropropane	ND		5.4	2.7	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,3-Dichlorobenzene	ND		5.4	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
1,4-Dichlorobenzene	ND		5.4	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
2-Hexanone	ND		27	2.7	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Acetone	ND		27	4.6	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Benzene	ND		5.4	0.27	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Bromodichloromethane	ND		5.4	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Bromomethane	ND		5.4	0.49	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Carbon disulfide	ND		5.4	2.7	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Carbon tetrachloride	ND		5.4	0.53	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Chlorobenzene	ND		5.4	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Dibromochloromethane	ND		5.4	0.70	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Chloroethane	ND		5.4	1.2	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Chloroform	ND		5.4	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Chloromethane	ND		5.4	0.33	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
cis-1,2-Dichloroethene	ND		5.4	0.70	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-0-1

Lab Sample ID: 480-17629-17

Date Collected: 03/20/12 15:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 91.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.4	0.78	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Cyclohexane	ND		5.4	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Dichlorodifluoromethane	ND		5.4	0.45	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Ethylbenzene	ND		5.4	0.38	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Isopropylbenzene	ND		5.4	0.82	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Methyl acetate	ND		5.4	1.0	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Methyl tert-butyl ether	ND		5.4	0.53	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Methylcyclohexane	ND		5.4	0.83	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Methylene Chloride	ND		5.4	2.5	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Styrene	ND		5.4	0.27	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Tetrachloroethene	ND		5.4	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Toluene	ND		5.4	0.41	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
trans-1,2-Dichloroethene	ND		5.4	0.56	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Trichloroethene	ND		5.4	1.2	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Trichlorofluoromethane	ND		5.4	0.51	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Vinyl chloride	ND		5.4	0.66	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1
Xylenes, Total	ND		11	0.91	ug/Kg	☼	03/27/12 13:11	03/28/12 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		64 - 126	03/27/12 13:11	03/28/12 14:21	1
Toluene-d8 (Surr)	103		71 - 125	03/27/12 13:11	03/28/12 14:21	1
4-Bromofluorobenzene (Surr)	105		72 - 126	03/27/12 13:11	03/28/12 14:21	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3900		11.8	5.2	mg/Kg	☼	03/26/12 15:20	03/28/12 18:30	1
Antimony	ND		17.6	0.63	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Arsenic	2.8		2.4	0.47	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Barium	4.2		0.59	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Beryllium	ND		0.24	0.033	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Cadmium	0.098	J	0.24	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Calcium	2920	B	58.8	3.9	mg/Kg	☼	03/26/12 15:20	03/28/12 18:30	1
Chromium	39.8		0.59	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Cobalt	0.49	J	0.59	0.059	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Copper	33.0		1.2	0.25	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Iron	21600	B ^	11.8	1.3	mg/Kg	☼	03/26/12 15:20	03/28/12 18:30	1
Lead	4.4		1.2	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Magnesium	85.5	B	23.5	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Manganese	40.3		0.24	0.038	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Nickel	248		5.9	0.27	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Potassium	500		35.3	23.5	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Selenium	0.77	J	4.7	0.67	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Silver	7.8		0.59	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Sodium	152	J	165	15.3	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Thallium	ND		7.1	0.35	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Vanadium	129		0.59	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1
Zinc	285		2.4	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:40	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.021	0.0084	mg/Kg	☼	03/26/12 10:00	03/26/12 13:04	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-0-1

Lab Sample ID: 480-17629-17

Date Collected: 03/20/12 15:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 91.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	0.38	J	0.88	0.30	mg/Kg	☼	04/05/12 07:44	04/06/12 14:01	1
Cyanide, Total	ND		1.1	0.52	mg/Kg	☼	03/27/12 19:30	03/28/12 17:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.21		0.100	0.100	SU			03/26/12 21:32	1

Client Sample ID: SB-3-1-2

Lab Sample ID: 480-17629-18

Date Collected: 03/20/12 15:11

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 83.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,1,1,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,1-Dichloroethane	ND		5.6	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,1-Dichloroethene	ND		5.6	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
1,4-Dichlorobenzene	ND		5.6	0.79	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Acetone	ND		28	4.7	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Benzene	ND		5.6	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Bromodichloromethane	ND		5.6	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Bromomethane	ND		5.6	0.51	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Carbon tetrachloride	ND		5.6	0.55	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Dibromochloromethane	ND		5.6	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Chloroform	ND		5.6	0.35	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
cis-1,3-Dichloropropene	ND		5.6	0.81	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Cyclohexane	ND		5.6	0.79	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Dichlorodifluoromethane	ND		5.6	0.47	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Ethylbenzene	ND		5.6	0.39	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Isopropylbenzene	ND		5.6	0.85	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Methyl acetate	ND		5.6	1.0	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Methylcyclohexane	ND		5.6	0.86	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Styrene	ND		5.6	0.28	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-1-2

Lab Sample ID: 480-17629-18

Date Collected: 03/20/12 15:11

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 83.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.6	0.76	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Toluene	ND		5.6	0.43	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Vinyl chloride	ND		5.6	0.69	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼	03/27/12 13:11	03/28/12 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		64 - 126	03/27/12 13:11	03/28/12 14:47	1
Toluene-d8 (Surr)	103		71 - 125	03/27/12 13:11	03/28/12 14:47	1
4-Bromofluorobenzene (Surr)	106		72 - 126	03/27/12 13:11	03/28/12 14:47	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11900		11.7	5.1	mg/Kg	☼	03/26/12 15:20	03/28/12 18:32	1
Antimony	ND		17.5	0.63	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Arsenic	8.1		2.3	0.47	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Barium	3.8		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Beryllium	0.035	J	0.23	0.033	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Cadmium	ND		0.23	0.035	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Calcium	902	B	58.3	3.8	mg/Kg	☼	03/26/12 15:20	03/28/12 18:32	1
Chromium	55.6		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Cobalt	ND		0.58	0.058	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Copper	5.9		1.2	0.24	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Iron	70200	B ^	58.3	6.4	mg/Kg	☼	03/26/12 15:20	03/28/12 18:51	5
Lead	5.5		1.2	0.28	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Magnesium	39.9	B	23.3	1.1	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Manganese	11.3		0.23	0.037	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Nickel	16.0		5.8	0.27	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Potassium	1150		35.0	23.3	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Selenium	2.4	J	4.7	0.66	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Silver	ND		0.58	0.23	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Sodium	328		163	15.2	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Thallium	ND		7.0	0.35	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Vanadium	305		0.58	0.13	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1
Zinc	20.8		2.3	0.18	mg/Kg	☼	03/26/12 15:20	03/27/12 16:42	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.38		0.023	0.0093	mg/Kg	☼	03/26/12 10:00	03/26/12 13:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	2.3		0.96	0.32	mg/Kg	☼	04/05/12 07:44	04/06/12 14:04	1
Cyanide, Total	ND		1.2	0.57	mg/Kg	☼	03/27/12 19:30	03/28/12 17:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.31		0.100	0.100	SU	—		03/26/12 21:41	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: WC-032112S

Lab Sample ID: 480-17629-19

Date Collected: 03/21/12 14:00

Matrix: Solid

Date Received: 03/23/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			03/28/12 01:48	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			03/28/12 01:48	10
Chlorobenzene	ND		0.010	0.0075	mg/L			03/28/12 01:48	10
Chloroform	ND		0.010	0.0034	mg/L			03/28/12 01:48	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			03/28/12 01:48	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			03/28/12 01:48	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			03/28/12 01:48	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			03/28/12 01:48	10
Trichloroethene	ND		0.010	0.0046	mg/L			03/28/12 01:48	10
Vinyl chloride	ND		0.010	0.0090	mg/L			03/28/12 01:48	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		66 - 137					03/28/12 01:48	10
Toluene-d8 (Surr)	113		71 - 126					03/28/12 01:48	10
4-Bromofluorobenzene (Surr)	112		73 - 120					03/28/12 01:48	10

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		03/28/12 07:49	03/29/12 22:41	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		03/28/12 07:49	03/29/12 22:41	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		03/28/12 07:49	03/29/12 22:41	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		03/28/12 07:49	03/29/12 22:41	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		03/28/12 07:49	03/29/12 22:41	1
3-Methylphenol	ND	*	0.010	0.00040	mg/L		03/28/12 07:49	03/29/12 22:41	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		03/28/12 07:49	03/29/12 22:41	1
4-Methylphenol	ND		0.010	0.00036	mg/L		03/28/12 07:49	03/29/12 22:41	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		03/28/12 07:49	03/29/12 22:41	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		03/28/12 07:49	03/29/12 22:41	1
Pyridine	ND		0.025	0.00041	mg/L		03/28/12 07:49	03/29/12 22:41	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		03/28/12 07:49	03/29/12 22:41	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		03/28/12 07:49	03/29/12 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		52 - 132				03/28/12 07:49	03/29/12 22:41	1
2-Fluorobiphenyl	88		48 - 120				03/28/12 07:49	03/29/12 22:41	1
2-Fluorophenol	42		20 - 120				03/28/12 07:49	03/29/12 22:41	1
Nitrobenzene-d5	79		46 - 120				03/28/12 07:49	03/29/12 22:41	1
p-Terphenyl-d14	124		67 - 150				03/28/12 07:49	03/29/12 22:41	1
Phenol-d5	30		16 - 120				03/28/12 07:49	03/29/12 22:41	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	41	ug/Kg	☼	03/27/12 11:17	03/27/12 19:58	1
PCB-1221	ND		210	41	ug/Kg	☼	03/27/12 11:17	03/27/12 19:58	1
PCB-1232	ND		210	41	ug/Kg	☼	03/27/12 11:17	03/27/12 19:58	1
PCB-1242	ND		210	45	ug/Kg	☼	03/27/12 11:17	03/27/12 19:58	1
PCB-1248	ND		210	41	ug/Kg	☼	03/27/12 11:17	03/27/12 19:58	1
PCB-1254	ND		210	44	ug/Kg	☼	03/27/12 11:17	03/27/12 19:58	1
PCB-1260	ND		210	97	ug/Kg	☼	03/27/12 11:17	03/27/12 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	131		36 - 182				03/27/12 11:17	03/27/12 19:58	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: WC-032112S

Lab Sample ID: 480-17629-19

Date Collected: 03/21/12 14:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	123		24 - 172	03/27/12 11:17	03/27/12 19:58	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.059		0.010	0.0056	mg/L		03/27/12 09:30	03/27/12 20:42	1
Barium	0.17	B	0.0020	0.00070	mg/L		03/27/12 09:30	03/27/12 20:42	1
Cadmium	0.0022		0.0010	0.00050	mg/L		03/27/12 09:30	03/27/12 20:42	1
Chromium	0.29	B	0.0040	0.0010	mg/L		03/27/12 09:30	03/27/12 20:42	1
Lead	0.057		0.0050	0.0030	mg/L		03/27/12 09:30	03/27/12 20:42	1
Selenium	0.023		0.015	0.0087	mg/L		03/27/12 09:30	03/27/12 20:42	1
Silver	0.034		0.0030	0.0017	mg/L		03/27/12 09:30	03/27/12 20:42	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0011		0.00020	0.00012	mg/L		03/27/12 09:30	03/27/12 12:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	59.5		10.0	0.0030	mg/Kg		04/03/12 11:30	04/03/12 17:13	1
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		04/03/12 11:30	04/04/12 10:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			03/29/12 14:30	1
pH	7.78		0.100	0.100	SU			03/27/12 18:35	1

Client Sample ID: WC-032112W

Lab Sample ID: 480-17629-20

Date Collected: 03/21/12 14:05

Matrix: Water

Date Received: 03/23/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			03/28/12 04:11	20
1,1,1,2-Tetrachloroethane	ND		20	4.2	ug/L			03/28/12 04:11	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			03/28/12 04:11	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			03/28/12 04:11	20
1,1-Dichloroethane	ND		20	7.6	ug/L			03/28/12 04:11	20
1,1-Dichloroethene	ND		20	5.8	ug/L			03/28/12 04:11	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			03/28/12 04:11	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			03/28/12 04:11	20
1,2-Dibromoethane	ND		20	15	ug/L			03/28/12 04:11	20
1,2-Dichlorobenzene	ND		20	16	ug/L			03/28/12 04:11	20
1,2-Dichloroethane	ND		20	4.2	ug/L			03/28/12 04:11	20
1,2-Dichloropropane	ND		20	14	ug/L			03/28/12 04:11	20
1,3-Dichlorobenzene	ND		20	16	ug/L			03/28/12 04:11	20
1,4-Dichlorobenzene	ND		20	17	ug/L			03/28/12 04:11	20
2-Hexanone	ND		100	25	ug/L			03/28/12 04:11	20
2-Butanone (MEK)	ND		200	26	ug/L			03/28/12 04:11	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			03/28/12 04:11	20
Acetone	97	J	200	60	ug/L			03/28/12 04:11	20
Benzene	ND		20	8.2	ug/L			03/28/12 04:11	20
Bromodichloromethane	ND		20	7.8	ug/L			03/28/12 04:11	20
Bromoform	ND		20	5.2	ug/L			03/28/12 04:11	20

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: WC-032112W

Lab Sample ID: 480-17629-20

Date Collected: 03/21/12 14:05

Matrix: Water

Date Received: 03/23/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		20	14	ug/L			03/28/12 04:11	20
Carbon disulfide	ND		20	3.8	ug/L			03/28/12 04:11	20
Carbon tetrachloride	ND		20	5.4	ug/L			03/28/12 04:11	20
Chlorobenzene	ND		20	15	ug/L			03/28/12 04:11	20
Dibromochloromethane	ND		20	6.4	ug/L			03/28/12 04:11	20
Chloroethane	ND		20	6.4	ug/L			03/28/12 04:11	20
Chloroform	ND		20	6.8	ug/L			03/28/12 04:11	20
Chloromethane	ND		20	7.0	ug/L			03/28/12 04:11	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			03/28/12 04:11	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			03/28/12 04:11	20
Cyclohexane	ND		20	3.6	ug/L			03/28/12 04:11	20
Dichlorodifluoromethane	ND		20	14	ug/L			03/28/12 04:11	20
Ethylbenzene	ND		20	15	ug/L			03/28/12 04:11	20
Isopropylbenzene	ND		20	16	ug/L			03/28/12 04:11	20
Methyl acetate	ND		20	10	ug/L			03/28/12 04:11	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			03/28/12 04:11	20
Methylcyclohexane	ND		20	3.2	ug/L			03/28/12 04:11	20
Methylene Chloride	ND		20	8.8	ug/L			03/28/12 04:11	20
Styrene	ND		20	15	ug/L			03/28/12 04:11	20
Tetrachloroethene	ND		20	7.2	ug/L			03/28/12 04:11	20
Toluene	ND		20	10	ug/L			03/28/12 04:11	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			03/28/12 04:11	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			03/28/12 04:11	20
Trichloroethene	ND		20	9.2	ug/L			03/28/12 04:11	20
Trichlorofluoromethane	ND		20	18	ug/L			03/28/12 04:11	20
Vinyl chloride	ND		20	18	ug/L			03/28/12 04:11	20
Xylenes, Total	ND		40	13	ug/L			03/28/12 04:11	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		03/28/12 04:11	20
Toluene-d8 (Surr)	112		71 - 126		03/28/12 04:11	20
4-Bromofluorobenzene (Surr)	110		73 - 120		03/28/12 04:11	20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.016		0.010	0.0056	mg/L		03/27/12 08:40	03/27/12 20:07	1
Barium	0.30		0.0020	0.00070	mg/L		03/27/12 08:40	03/27/12 20:07	1
Cadmium	0.00087	J	0.0010	0.00050	mg/L		03/27/12 08:40	03/27/12 20:07	1
Chromium	0.084		0.0040	0.0010	mg/L		03/27/12 08:40	03/27/12 20:07	1
Lead	0.015		0.0050	0.0030	mg/L		03/27/12 08:40	03/27/12 20:07	1
Selenium	ND		0.015	0.0087	mg/L		03/27/12 08:40	03/27/12 20:07	1
Silver	0.039		0.0030	0.0017	mg/L		03/27/12 08:40	03/27/12 20:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00014	J	0.00020	0.00012	mg/L		03/28/12 08:10	03/28/12 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			03/29/12 15:16	1
pH	10.8	H	0.100	0.100	SU			03/24/12 16:00	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: WC-032712W

Lab Sample ID: 480-17757-1

Date Collected: 03/27/12 10:15

Matrix: Water

Date Received: 03/28/12 09:00

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		50	6.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
bis (2-chloroisopropyl) ether	ND		50	5.1	ug/L		03/29/12 07:40	03/30/12 21:52	10
2,4,5-Trichlorophenol	ND		50	4.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
2,4,6-Trichlorophenol	ND		50	6.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
2,4-Dichlorophenol	ND		50	5.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
2,4-Dimethylphenol	ND		50	5.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
2,4-Dinitrophenol	ND		99	22	ug/L		03/29/12 07:40	03/30/12 21:52	10
2,4-Dinitrotoluene	ND		50	4.4	ug/L		03/29/12 07:40	03/30/12 21:52	10
2,6-Dinitrotoluene	ND		50	4.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
2-Chloronaphthalene	ND		50	4.6	ug/L		03/29/12 07:40	03/30/12 21:52	10
2-Chlorophenol	ND		50	5.2	ug/L		03/29/12 07:40	03/30/12 21:52	10
2-Methylnaphthalene	ND		50	5.9	ug/L		03/29/12 07:40	03/30/12 21:52	10
2-Methylphenol	ND		50	4.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
2-Nitroaniline	ND		99	4.2	ug/L		03/29/12 07:40	03/30/12 21:52	10
2-Nitrophenol	ND		50	4.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
3,3'-Dichlorobenzidine	ND		50	4.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
3-Nitroaniline	ND		99	4.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
4,6-Dinitro-2-methylphenol	ND		99	22	ug/L		03/29/12 07:40	03/30/12 21:52	10
4-Bromophenyl phenyl ether	ND		50	4.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
4-Chloro-3-methylphenol	ND		50	4.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
4-Chloroaniline	ND		50	5.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
4-Chlorophenyl phenyl ether	ND		50	3.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
4-Methylphenol	ND		99	3.6	ug/L		03/29/12 07:40	03/30/12 21:52	10
4-Nitroaniline	ND		99	2.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
4-Nitrophenol	ND		99	15	ug/L		03/29/12 07:40	03/30/12 21:52	10
Acenaphthene	ND		50	4.1	ug/L		03/29/12 07:40	03/30/12 21:52	10
Acenaphthylene	ND		50	3.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
Acetophenone	ND		50	5.3	ug/L		03/29/12 07:40	03/30/12 21:52	10
Anthracene	ND		50	2.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
Atrazine	ND		50	4.6	ug/L		03/29/12 07:40	03/30/12 21:52	10
Benzaldehyde	ND		50	2.6	ug/L		03/29/12 07:40	03/30/12 21:52	10
Benzo(a)anthracene	ND		50	3.6	ug/L		03/29/12 07:40	03/30/12 21:52	10
Benzo(a)pyrene	ND		50	4.7	ug/L		03/29/12 07:40	03/30/12 21:52	10
Benzo(b)fluoranthene	ND		50	3.4	ug/L		03/29/12 07:40	03/30/12 21:52	10
Benzo(g,h,i)perylene	ND		50	3.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
Benzo(k)fluoranthene	ND		50	7.2	ug/L		03/29/12 07:40	03/30/12 21:52	10
Bis(2-chloroethoxy)methane	ND		50	3.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
Bis(2-chloroethyl)ether	ND		50	4.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
Bis(2-ethylhexyl) phthalate	ND		50	18	ug/L		03/29/12 07:40	03/30/12 21:52	10
Butyl benzyl phthalate	ND		50	4.2	ug/L		03/29/12 07:40	03/30/12 21:52	10
Caprolactam	ND		50	22	ug/L		03/29/12 07:40	03/30/12 21:52	10
Carbazole	ND		50	3.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
Chrysene	ND		50	3.3	ug/L		03/29/12 07:40	03/30/12 21:52	10
Di-n-butyl phthalate	ND		50	3.1	ug/L		03/29/12 07:40	03/30/12 21:52	10
Di-n-octyl phthalate	ND		50	4.7	ug/L		03/29/12 07:40	03/30/12 21:52	10
Dibenz(a,h)anthracene	ND		50	4.2	ug/L		03/29/12 07:40	03/30/12 21:52	10
Dibenzofuran	ND		99	5.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
Diethyl phthalate	ND		50	2.2	ug/L		03/29/12 07:40	03/30/12 21:52	10
Dimethyl phthalate	ND		50	3.6	ug/L		03/29/12 07:40	03/30/12 21:52	10
Fluoranthene	ND		50	4.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
Fluorene	ND		50	3.6	ug/L		03/29/12 07:40	03/30/12 21:52	10

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: WC-032712W

Lab Sample ID: 480-17757-1

Date Collected: 03/27/12 10:15

Matrix: Water

Date Received: 03/28/12 09:00

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		50	5.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
Hexachlorobutadiene	ND		50	6.7	ug/L		03/29/12 07:40	03/30/12 21:52	10
Hexachlorocyclopentadiene	ND		50	5.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
Hexachloroethane	ND		50	5.8	ug/L		03/29/12 07:40	03/30/12 21:52	10
Indeno(1,2,3-cd)pyrene	ND		50	4.7	ug/L		03/29/12 07:40	03/30/12 21:52	10
Isophorone	23	J	50	4.3	ug/L		03/29/12 07:40	03/30/12 21:52	10
N-Nitrosodi-n-propylamine	ND		50	5.3	ug/L		03/29/12 07:40	03/30/12 21:52	10
N-Nitrosodiphenylamine	ND		50	5.0	ug/L		03/29/12 07:40	03/30/12 21:52	10
Naphthalene	10	J	50	7.5	ug/L		03/29/12 07:40	03/30/12 21:52	10
Nitrobenzene	ND		50	2.9	ug/L		03/29/12 07:40	03/30/12 21:52	10
Pentachlorophenol	ND		99	22	ug/L		03/29/12 07:40	03/30/12 21:52	10
Phenanthrene	ND		50	4.4	ug/L		03/29/12 07:40	03/30/12 21:52	10
Phenol	21	J	50	3.9	ug/L		03/29/12 07:40	03/30/12 21:52	10
Pyrene	ND		50	3.4	ug/L		03/29/12 07:40	03/30/12 21:52	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		52 - 132	03/29/12 07:40	03/30/12 21:52	10
2-Fluorobiphenyl	87		48 - 120	03/29/12 07:40	03/30/12 21:52	10
2-Fluorophenol	22		20 - 120	03/29/12 07:40	03/30/12 21:52	10
Nitrobenzene-d5	86		46 - 120	03/29/12 07:40	03/30/12 21:52	10
p-Terphenyl-d14	92		67 - 150	03/29/12 07:40	03/30/12 21:52	10
Phenol-d5	31		16 - 120	03/29/12 07:40	03/30/12 21:52	10

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.17	ug/L		03/30/12 08:32	04/02/12 17:07	1
PCB-1221	ND		0.50	0.17	ug/L		03/30/12 08:32	04/02/12 17:07	1
PCB-1232	ND		0.50	0.17	ug/L		03/30/12 08:32	04/02/12 17:07	1
PCB-1242	ND		0.50	0.17	ug/L		03/30/12 08:32	04/02/12 17:07	1
PCB-1248	ND		0.50	0.17	ug/L		03/30/12 08:32	04/02/12 17:07	1
PCB-1254	ND		0.50	0.25	ug/L		03/30/12 08:32	04/02/12 17:07	1
PCB-1260	ND		0.50	0.25	ug/L		03/30/12 08:32	04/02/12 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	35		19 - 112	03/30/12 08:32	04/02/12 17:07	1
Tetrachloro-m-xylene	104		23 - 127	03/30/12 08:32	04/02/12 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/L		04/03/12 11:30	04/03/12 16:16	1
Sulfide, Reactive	ND		10.0	0.57	mg/L		04/03/12 11:30	04/04/12 10:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176.0		50.0	50.0	Degrees F			04/04/12 11:00	1
pH	11.3	H	0.100	0.100	SU			03/28/12 20:13	1

Surrogate Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (64-126)	TOL (71-125)	BFB (72-126)
480-17629-1	SB-3-2-4	106	102	103
480-17629-3	SB-2-0-1	105	104	104
480-17629-4	SB-2-1-2	104	104	103
480-17629-5	SB-2-2-4	108	104	106
480-17629-8	SB-4-0-1	107	105	105
480-17629-9	SB-4-1-2	110	103	104
480-17629-10	SB-4-2-4	109	103	103
480-17629-10MS	SB-4-2-4	102	103	106
480-17629-10MSD	SB-4-2-4	99	105	107
480-17629-12	SB-1-0-1	107	104	104
480-17629-13	SB-1-1-2	104	101	102
480-17629-14	SB-1-2-4	105	100	103
480-17629-16	BD 032012	106	103	103
480-17629-17	SB-3-0-1	108	103	105
480-17629-18	SB-3-1-2	109	103	106
LCS 480-56826/6	Lab Control Sample	101	108	108
LCS 480-57012/5	Lab Control Sample	102	105	106
MB 480-56826/7	Method Blank	96	108	104
MB 480-57012/6	Method Blank	90	104	100

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-17629-19	WC-032112S	111	113	112
LB 480-56737/1-A LB	Method Blank	108	114	112

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-17536-1	GPW	110	117	114
480-17536-1 MSD	GPW	107	114	113
480-17536-1MS	GPW	112	117	114
480-17536-2	BD032112	108	115	111
480-17629-7	TRIP BLANK	108	111	108
480-17629-20	WC-032112W	107	112	110

Surrogate Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
LCS 480-56965/4	Lab Control Sample	110	116	109
MB 480-56965/5	Method Blank	106	116	110
Surrogate Legend				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
TOL = Toluene-d8 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
LCS 480-57004/2-A	Lab Control Sample	111	92	44	84	118	32
LCSD 480-57004/3-A	Lab Control Sample Dup	110	89	42	85	114	32
MB 480-57004/1-A	Method Blank	100	79	31	63	125	23
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
TPH = p-Terphenyl-d14							
PHL = Phenol-d5							

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
480-17629-19	WC-032112S	111	88	42	79	124	30
LB 480-56736/1-D LB	Method Blank	111	83	35	71	132	26
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
TPH = p-Terphenyl-d14							
PHL = Phenol-d5							

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	TPH (67-150)	PHL (16-120)
480-17757-1	WC-032712W	106	87	22	86	92	31
LCS 480-57194/2-A	Lab Control Sample	118	94	51	88	119	34
MB 480-57194/1-A	Method Blank	110	80	37	69	116	27

Surrogate Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (36-182)	DCB2 (36-182)	TCX1 (24-172)	TCX2 (24-172)
480-17629-19	WC-032112S	131	131	134	123
LCS 480-56893/2-A	Lab Control Sample	145	140	161	132
LCSD 480-56893/3-A	Lab Control Sample Dup	141	134	157	133
MB 480-56893/1-A	Method Blank	128	127	133	119

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1 (19-112)	DCB2 (19-112)	TCX1 (23-127)	TCX2 (23-127)
480-17757-1	WC-032712W	45	35	184 X	104
LCS 480-57429/2-A	Lab Control Sample	95	81	127	118
LCSD 480-57429/3-A	Lab Control Sample Dup	37	31	122	106
MB 480-57429/1-A	Method Blank	90	83	105	98

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-56826/7

Matrix: Solid

Analysis Batch: 56826

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			03/27/12 11:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			03/27/12 11:23	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			03/27/12 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			03/27/12 11:23	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			03/27/12 11:23	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			03/27/12 11:23	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			03/27/12 11:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			03/27/12 11:23	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			03/27/12 11:23	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			03/27/12 11:23	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			03/27/12 11:23	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			03/27/12 11:23	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			03/27/12 11:23	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			03/27/12 11:23	1
2-Hexanone	ND		25	2.5	ug/Kg			03/27/12 11:23	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			03/27/12 11:23	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			03/27/12 11:23	1
Acetone	ND		25	4.2	ug/Kg			03/27/12 11:23	1
Benzene	ND		5.0	0.25	ug/Kg			03/27/12 11:23	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			03/27/12 11:23	1
Bromoform	ND		5.0	2.5	ug/Kg			03/27/12 11:23	1
Bromomethane	ND		5.0	0.45	ug/Kg			03/27/12 11:23	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			03/27/12 11:23	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			03/27/12 11:23	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			03/27/12 11:23	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			03/27/12 11:23	1
Chloroethane	ND		5.0	1.1	ug/Kg			03/27/12 11:23	1
Chloroform	ND		5.0	0.31	ug/Kg			03/27/12 11:23	1
Chloromethane	ND		5.0	0.30	ug/Kg			03/27/12 11:23	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			03/27/12 11:23	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			03/27/12 11:23	1
Cyclohexane	ND		5.0	0.70	ug/Kg			03/27/12 11:23	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			03/27/12 11:23	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			03/27/12 11:23	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			03/27/12 11:23	1
Methyl acetate	ND		5.0	0.93	ug/Kg			03/27/12 11:23	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			03/27/12 11:23	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			03/27/12 11:23	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			03/27/12 11:23	1
Styrene	ND		5.0	0.25	ug/Kg			03/27/12 11:23	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			03/27/12 11:23	1
Toluene	ND		5.0	0.38	ug/Kg			03/27/12 11:23	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			03/27/12 11:23	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			03/27/12 11:23	1
Trichloroethene	ND		5.0	1.1	ug/Kg			03/27/12 11:23	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			03/27/12 11:23	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			03/27/12 11:23	1
Xylenes, Total	ND		10	0.84	ug/Kg			03/27/12 11:23	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-56826/7

Matrix: Solid

Analysis Batch: 56826

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	06		64 - 126		37/28/12 11:27	1
Boluene-dT (Surr)	13T		81 - 12m		37/28/12 11:27	1
4-f rob ozuoro5en9ene (Surr)	134		82 - 126		37/28/12 11:27	1

Lab Sample ID: LCS 480-56826/6

Matrix: Solid

Analysis Batch: 56826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	46.5		ug/Kg		93	79 - 126
1,1-Dichloroethene	50.0	41.4		ug/Kg		83	65 - 153
1,2-Dichlorobenzene	50.0	46.5		ug/Kg		93	75 - 120
1,2-Dichloroethane	50.0	48.0		ug/Kg		96	77 - 122
Benzene	50.0	48.9		ug/Kg		98	79 - 127
Chlorobenzene	50.0	50.8		ug/Kg		102	76 - 124
cis-1,2-Dichloroethene	50.0	48.2		ug/Kg		96	81 - 117
Ethylbenzene	50.0	49.6		ug/Kg		99	80 - 120
Methyl tert-butyl ether	50.0	41.5		ug/Kg		83	63 - 125
Tetrachloroethene	50.0	53.0		ug/Kg		106	74 - 122
Toluene	50.0	49.5		ug/Kg		99	74 - 128
trans-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	78 - 126
Trichloroethene	50.0	49.3		ug/Kg		99	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	131		64 - 126
Boluene-dT (Surr)	13T		81 - 12m
4-f rob ozuoro5en9ene (Surr)	13T		82 - 126

Lab Sample ID: 480-17629-10MS

Matrix: Solid

Analysis Batch: 57012

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		57.3	43.1	F	ug/Kg	☼	75	79 - 126
1,1-Dichloroethene	ND		57.3	36.2	F	ug/Kg	☼	63	65 - 153
1,2-Dichlorobenzene	ND		57.3	40.6	F	ug/Kg	☼	71	75 - 120
1,2-Dichloroethane	ND		57.3	44.8		ug/Kg	☼	78	77 - 122
Benzene	ND		57.3	44.8	F	ug/Kg	☼	78	79 - 127
Chlorobenzene	ND		57.3	44.1		ug/Kg	☼	77	76 - 124
cis-1,2-Dichloroethene	ND		57.3	44.0	F	ug/Kg	☼	77	81 - 117
Ethylbenzene	ND		57.3	42.8	F	ug/Kg	☼	75	80 - 120
Methyl tert-butyl ether	ND		57.3	39.7		ug/Kg	☼	69	63 - 125
Tetrachloroethene	ND		57.3	42.7		ug/Kg	☼	75	74 - 122
Toluene	ND		57.3	43.1		ug/Kg	☼	75	74 - 128
trans-1,2-Dichloroethene	ND		57.3	44.6		ug/Kg	☼	78	78 - 126
Trichloroethene	ND		57.3	44.0		ug/Kg	☼	77	77 - 129

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	132		64 - 126

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17629-10MS

Matrix: Solid

Analysis Batch: 57012

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56855

Surrogate	MS %Recovery	MS Qualifier	Limits
Boluene-dT (Surr)	137		81 - 12m
4-f rob oduoro5en9ene (Surr)	136		82 - 126

Lab Sample ID: 480-17629-10MSD

Matrix: Solid

Analysis Batch: 57012

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		58.1	46.5		ug/Kg	☼	80	79 - 126	8	30
1,1-Dichloroethene	ND		58.1	39.7		ug/Kg	☼	68	65 - 153	9	30
1,2-Dichlorobenzene	ND		58.1	44.0		ug/Kg	☼	76	75 - 120	8	30
1,2-Dichloroethane	ND		58.1	46.8		ug/Kg	☼	81	77 - 122	4	30
Benzene	ND		58.1	48.5		ug/Kg	☼	83	79 - 127	8	30
Chlorobenzene	ND		58.1	48.2		ug/Kg	☼	83	76 - 124	9	30
cis-1,2-Dichloroethene	ND		58.1	48.0		ug/Kg	☼	83	81 - 117	9	30
Ethylbenzene	ND		58.1	47.1		ug/Kg	☼	81	80 - 120	9	30
Methyl tert-butyl ether	ND		58.1	41.0		ug/Kg	☼	71	63 - 125	3	30
Tetrachloroethene	ND		58.1	47.8		ug/Kg	☼	82	74 - 122	11	30
Toluene	ND		58.1	47.4		ug/Kg	☼	82	74 - 128	10	30
trans-1,2-Dichloroethene	ND		58.1	48.5		ug/Kg	☼	83	78 - 126	8	30
Trichloroethene	ND		58.1	47.5		ug/Kg	☼	82	77 - 129	8	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	00		64 - 126
Boluene-dT (Surr)	13m		81 - 12m
4-f rob oduoro5en9ene (Surr)	138		82 - 126

Lab Sample ID: MB 480-56965/5

Matrix: Water

Analysis Batch: 56965

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 00:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 00:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 00:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 00:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 00:53	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			03/28/12 00:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 00:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 00:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 00:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 00:53	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			03/28/12 00:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 00:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 00:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 00:53	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 00:53	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			03/28/12 00:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 00:53	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-56965/5

Matrix: Water

Analysis Batch: 56965

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	3.0	ug/L			03/28/12 00:53	1
Benzene	ND		0.0010	0.00041	mg/L			03/28/12 00:53	1
Bromodichloromethane	ND		1.0	0.38	ug/L			03/28/12 00:53	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 00:53	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 00:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 00:53	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			03/28/12 00:53	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			03/28/12 00:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 00:53	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 00:53	1
Chloroform	ND		0.0010	0.00034	mg/L			03/28/12 00:53	1
Chloromethane	ND		1.0	0.34	ug/L			03/28/12 00:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 00:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 00:53	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 00:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 00:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 00:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 00:53	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 00:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 00:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 00:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 00:53	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 00:53	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			03/28/12 00:53	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 00:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 00:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 00:53	1
Trichloroethene	ND		0.0010	0.00046	mg/L			03/28/12 00:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 00:53	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			03/28/12 00:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 00:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	136		66 - 178		37/27/12 33:n7	1
Boluene-dT (Surr)	116		81 - 126		37/27/12 33:n7	1
4-f rob ozuoro5en9ene (Surr)	113		87 - 123		37/27/12 33:n7	1

Lab Sample ID: LCS 480-56965/4

Matrix: Water

Analysis Batch: 56965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.6		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.9		ug/L		112	70 - 126
1,1,2-Trichloroethane	25.0	28.4		ug/L		114	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.3		ug/L		101	60 - 140
1,1-Dichloroethane	25.0	26.4		ug/L		106	71 - 129
1,1-Dichloroethene	0.0250	0.0252		mg/L		101	65 - 138
1,2,4-Trichlorobenzene	25.0	27.8		ug/L		111	70 - 122

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-56965/4

Matrix: Water

Analysis Batch: 56965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	28.1		ug/L		112	77 - 120
1,2-Dichlorobenzene	25.0	26.8		ug/L		107	77 - 120
1,2-Dichloroethane	0.0250	0.0268		mg/L		107	75 - 127
1,2-Dichloropropane	25.0	27.1		ug/L		108	76 - 120
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	26.1		ug/L		104	75 - 120
2-Hexanone	125	149		ug/L		119	65 - 127
2-Butanone (MEK)	0.125	0.149		mg/L		119	57 - 140
4-Methyl-2-pentanone (MIBK)	125	145		ug/L		116	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	0.0250	0.0266		mg/L		106	71 - 124
Bromodichloromethane	25.0	23.9		ug/L		96	80 - 122
Bromoform	25.0	17.5		ug/L		70	66 - 128
Bromomethane	25.0	24.0		ug/L		96	36 - 150
Carbon disulfide	25.0	24.6		ug/L		98	59 - 134
Carbon tetrachloride	0.0250	0.0217		mg/L		87	72 - 134
Chlorobenzene	0.0250	0.0271		mg/L		108	72 - 120
Dibromochloromethane	25.0	21.5		ug/L		86	75 - 125
Chloroethane	25.0	23.0		ug/L		92	69 - 136
Chloroform	0.0250	0.0265		mg/L		106	73 - 127
Chloromethane	25.0	26.3		ug/L		105	49 - 142
cis-1,2-Dichloroethene	25.0	26.7		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		98	74 - 124
Cyclohexane	25.0	26.6		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	24.7		ug/L		99	33 - 157
Ethylbenzene	25.0	26.9		ug/L		108	77 - 123
Isopropylbenzene	25.0	25.7		ug/L		103	77 - 122
Methyl acetate	25.0	28.3		ug/L		113	60 - 140
Methyl tert-butyl ether	25.0	26.5		ug/L		106	64 - 127
Methylcyclohexane	25.0	26.7		ug/L		107	60 - 140
Methylene Chloride	25.0	26.9		ug/L		108	57 - 132
Styrene	25.0	27.2		ug/L		109	70 - 130
Tetrachloroethene	0.0250	0.0282		mg/L		113	74 - 122
Toluene	25.0	26.1		ug/L		104	70 - 122
trans-1,2-Dichloroethene	25.0	26.4		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	72 - 123
Trichloroethene	0.0250	0.0262		mg/L		105	74 - 123
Trichlorofluoromethane	25.0	24.9		ug/L		100	62 - 152
Vinyl chloride	0.0250	0.0245		mg/L		98	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		66 - 178
Boluene-dT (Surr)	116		81 - 126
4-fluorobenzene (Surr)	130		87 - 123

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17536-1 MSD

Matrix: Water

Analysis Batch: 56965

Client Sample ID: GPW

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	26.5		ug/L		106	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	28.3		ug/L		113	70 - 126	4	15
1,1,2-Trichloroethane	ND		25.0	28.7		ug/L		115	76 - 122	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.9		ug/L		116	60 - 140	6	20
1,1-Dichloroethane	ND		25.0	28.8		ug/L		115	71 - 129	2	20
1,1-Dichloroethene	ND		25.0	29.7		ug/L		119	65 - 138	3	16
1,2,4-Trichlorobenzene	ND		25.0	28.7		ug/L		115	70 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.1		ug/L		96	56 - 134	4	15
1,2-Dibromoethane	ND		25.0	28.9		ug/L		116	77 - 120	3	15
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	77 - 120	1	20
1,2-Dichloroethane	ND		25.0	27.8		ug/L		111	75 - 127	4	20
1,2-Dichloropropane	ND		25.0	29.0		ug/L		116	76 - 120	1	20
1,3-Dichlorobenzene	ND		25.0	27.8		ug/L		111	77 - 120	3	20
1,4-Dichlorobenzene	ND		25.0	27.4		ug/L		110	75 - 120	2	20
2-Hexanone	ND		125	144		ug/L		115	65 - 127	1	15
2-Butanone (MEK)	ND		125	144		ug/L		115	57 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	140		ug/L		112	71 - 125	1	35
Acetone	ND		125	137		ug/L		109	56 - 142	0	15
Benzene	ND		25.0	28.8		ug/L		115	71 - 124	0	13
Bromodichloromethane	ND		25.0	25.4		ug/L		102	80 - 122	1	15
Bromoform	ND		25.0	17.6		ug/L		70	66 - 128	1	15
Bromomethane	ND		25.0	23.5		ug/L		94	36 - 150	3	15
Carbon disulfide	ND		25.0	21.8		ug/L		87	59 - 134	1	15
Carbon tetrachloride	ND		25.0	24.6		ug/L		98	72 - 134	1	15
Chlorobenzene	ND		25.0	28.8		ug/L		115	72 - 120	2	25
Dibromochloromethane	ND		25.0	21.3		ug/L		85	75 - 125	1	15
Chloroethane	ND		25.0	24.0		ug/L		96	69 - 136	5	15
Chloroform	0.45	J	25.0	29.0		ug/L		114	73 - 127	0	20
Chloromethane	ND		25.0	28.4		ug/L		114	49 - 142	0	15
cis-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	25.2		ug/L		101	74 - 124	0	15
Cyclohexane	ND		25.0	28.5		ug/L		114	70 - 130	3	20
Dichlorodifluoromethane	ND		25.0	26.7		ug/L		107	33 - 157	3	20
Ethylbenzene	ND		25.0	28.6		ug/L		114	77 - 123	4	15
Isopropylbenzene	ND		25.0	28.0		ug/L		112	77 - 122	4	20
Methyl acetate	ND		25.0	25.6		ug/L		102	60 - 140	3	20
Methyl tert-butyl ether	ND		25.0	25.4		ug/L		102	64 - 127	2	37
Methylcyclohexane	ND		25.0	28.8		ug/L		115	60 - 140	5	20
Methylene Chloride	ND		25.0	27.9		ug/L		112	57 - 132	0	15
Styrene	ND		25.0	26.9		ug/L		108	70 - 130	5	20
Tetrachloroethene	0.60	J	25.0	31.3	F	ug/L		123	74 - 122	2	20
Toluene	ND		25.0	28.6		ug/L		114	70 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	73 - 127	2	20
trans-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	72 - 123	1	15
Trichloroethene	ND		25.0	28.5		ug/L		114	74 - 123	0	16
Trichlorofluoromethane	ND		25.0	28.8		ug/L		115	62 - 152	2	20
Vinyl chloride	ND		25.0	27.9		ug/L		112	65 - 133	0	15

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17536-1 MSD

Matrix: Water

Analysis Batch: 56965

Client Sample ID: GPW

Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	138		66 - 178
Boluene-dT (Surr)	114		81 - 126
4-f rob oduoro5en9ene (Surr)	117		87 - 123

Lab Sample ID: 480-17536-1MS

Matrix: Water

Analysis Batch: 56965

Client Sample ID: GPW

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	26.9		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	29.6		ug/L		118	70 - 126
1,1,2-Trichloroethane	ND		25.0	29.7		ug/L		119	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.3		ug/L		109	60 - 140
1,1-Dichloroethane	ND		25.0	29.3		ug/L		117	71 - 129
1,1-Dichloroethene	ND		25.0	30.7		ug/L		123	65 - 138
1,2,4-Trichlorobenzene	ND		25.0	29.5		ug/L		118	70 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	23.2		ug/L		93	56 - 134
1,2-Dibromoethane	ND		25.0	29.7		ug/L		119	77 - 120
1,2-Dichlorobenzene	ND		25.0	28.1		ug/L		112	77 - 120
1,2-Dichloroethane	ND		25.0	28.9		ug/L		116	75 - 127
1,2-Dichloropropane	ND		25.0	29.2		ug/L		117	76 - 120
1,3-Dichlorobenzene	ND		25.0	28.6		ug/L		114	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.9		ug/L		112	75 - 120
2-Hexanone	ND		125	142		ug/L		113	65 - 127
2-Butanone (MEK)	ND		125	145		ug/L		116	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	142		ug/L		113	71 - 125
Acetone	ND		125	136		ug/L		109	56 - 142
Benzene	ND		25.0	28.9		ug/L		116	71 - 124
Bromodichloromethane	ND		25.0	25.2		ug/L		101	80 - 122
Bromoform	ND		25.0	17.4		ug/L		70	66 - 128
Bromomethane	ND		25.0	24.2		ug/L		97	36 - 150
Carbon disulfide	ND		25.0	22.1		ug/L		88	59 - 134
Carbon tetrachloride	ND		25.0	24.3		ug/L		97	72 - 134
Chlorobenzene	ND		25.0	29.4		ug/L		118	72 - 120
Dibromochloromethane	ND		25.0	21.5		ug/L		86	75 - 125
Chloroethane	ND		25.0	25.3		ug/L		101	69 - 136
Chloroform	0.45	J	25.0	28.9		ug/L		114	73 - 127
Chloromethane	ND		25.0	28.5		ug/L		114	49 - 142
cis-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	74 - 124
Cyclohexane	ND		25.0	27.7		ug/L		111	70 - 130
Dichlorodifluoromethane	ND		25.0	27.5		ug/L		110	33 - 157
Ethylbenzene	ND		25.0	29.7		ug/L		119	77 - 123
Isopropylbenzene	ND		25.0	29.0		ug/L		116	77 - 122
Methyl acetate	ND		25.0	26.3		ug/L		105	60 - 140
Methyl tert-butyl ether	ND		25.0	24.9		ug/L		100	64 - 127
Methylcyclohexane	ND		25.0	27.5		ug/L		110	60 - 140
Methylene Chloride	ND		25.0	27.8		ug/L		111	57 - 132
Styrene	ND		25.0	28.3		ug/L		113	70 - 130

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17536-1MS

Matrix: Water

Analysis Batch: 56965

Client Sample ID: GPW

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.60	J	25.0	31.8	F	ug/L		125	74 - 122
Toluene	ND		25.0	29.4		ug/L		118	70 - 122
trans-1,2-Dichloroethene	ND		25.0	29.2		ug/L		117	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.3		ug/L		97	72 - 123
Trichloroethene	ND		25.0	28.5		ug/L		114	74 - 123
Trichlorofluoromethane	ND		25.0	28.3		ug/L		113	62 - 152
Vinyl chloride	ND		25.0	27.8		ug/L		111	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		66 - 178
Boluene-dT (Surr)	118		81 - 126
4-f rob ozuoro5en9ene (Surr)	114		87 - 123

Lab Sample ID: MB 480-57012/6

Matrix: Solid

Analysis Batch: 57012

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			03/28/12 11:14	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			03/28/12 11:14	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			03/28/12 11:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			03/28/12 11:14	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			03/28/12 11:14	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			03/28/12 11:14	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			03/28/12 11:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			03/28/12 11:14	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			03/28/12 11:14	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			03/28/12 11:14	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			03/28/12 11:14	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			03/28/12 11:14	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			03/28/12 11:14	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			03/28/12 11:14	1
2-Hexanone	ND		25	2.5	ug/Kg			03/28/12 11:14	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			03/28/12 11:14	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			03/28/12 11:14	1
Acetone	ND		25	4.2	ug/Kg			03/28/12 11:14	1
Benzene	ND		5.0	0.25	ug/Kg			03/28/12 11:14	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			03/28/12 11:14	1
Bromoform	ND		5.0	2.5	ug/Kg			03/28/12 11:14	1
Bromomethane	ND		5.0	0.45	ug/Kg			03/28/12 11:14	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			03/28/12 11:14	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			03/28/12 11:14	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			03/28/12 11:14	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			03/28/12 11:14	1
Chloroethane	ND		5.0	1.1	ug/Kg			03/28/12 11:14	1
Chloroform	ND		5.0	0.31	ug/Kg			03/28/12 11:14	1
Chloromethane	ND		5.0	0.30	ug/Kg			03/28/12 11:14	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			03/28/12 11:14	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			03/28/12 11:14	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-57012/6

Matrix: Solid

Analysis Batch: 57012

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.0	0.70	ug/Kg			03/28/12 11:14	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			03/28/12 11:14	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			03/28/12 11:14	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			03/28/12 11:14	1
Methyl acetate	ND		5.0	0.93	ug/Kg			03/28/12 11:14	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			03/28/12 11:14	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			03/28/12 11:14	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			03/28/12 11:14	1
Styrene	ND		5.0	0.25	ug/Kg			03/28/12 11:14	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			03/28/12 11:14	1
Toluene	ND		5.0	0.38	ug/Kg			03/28/12 11:14	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			03/28/12 11:14	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			03/28/12 11:14	1
Trichloroethene	ND		5.0	1.1	ug/Kg			03/28/12 11:14	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			03/28/12 11:14	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			03/28/12 11:14	1
Xylenes, Total	ND		10	0.84	ug/Kg			03/28/12 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	03		64 - 126		37/27/12 11:14	1
Boluene-dT (Surr)	134		81 - 12m		37/27/12 11:14	1
4-f rob ozuoro5en9ene (Surr)	133		82 - 126		37/27/12 11:14	1

Lab Sample ID: LCS 480-57012/5

Matrix: Solid

Analysis Batch: 57012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	45.4		ug/Kg		91	79 - 126
1,1-Dichloroethene	50.0	37.8		ug/Kg		76	65 - 153
1,2-Dichlorobenzene	50.0	44.0		ug/Kg		88	75 - 120
1,2-Dichloroethane	50.0	46.0		ug/Kg		92	77 - 122
Benzene	50.0	47.4		ug/Kg		95	79 - 127
Chlorobenzene	50.0	47.3		ug/Kg		95	76 - 124
cis-1,2-Dichloroethene	50.0	46.2		ug/Kg		92	81 - 117
Ethylbenzene	50.0	46.8		ug/Kg		94	80 - 120
Methyl tert-butyl ether	50.0	41.3		ug/Kg		83	63 - 125
Tetrachloroethene	50.0	48.9		ug/Kg		98	74 - 122
Toluene	50.0	46.1		ug/Kg		92	74 - 128
trans-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	78 - 126
Trichloroethene	50.0	47.0		ug/Kg		94	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	132		64 - 126
Boluene-dT (Surr)	13m		81 - 12m
4-f rob ozuoro5en9ene (Surr)	136		82 - 126

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 480-56737/1-A LB

Matrix: Solid

Analysis Batch: 56965

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			03/28/12 01:25	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			03/28/12 01:25	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			03/28/12 01:25	10
Benzene	ND		0.010	0.0041	mg/L			03/28/12 01:25	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			03/28/12 01:25	10
Chlorobenzene	ND		0.010	0.0075	mg/L			03/28/12 01:25	10
Chloroform	ND		0.010	0.0034	mg/L			03/28/12 01:25	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			03/28/12 01:25	10
Trichloroethene	ND		0.010	0.0046	mg/L			03/28/12 01:25	10
Vinyl chloride	ND		0.010	0.0090	mg/L			03/28/12 01:25	10

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	137		66 - 178		37/27/12 31:2m	13
Boluene-dT (Surr)	114		81 - 126		37/27/12 31:2m	13
4-f rob ozuoro5en9ene (Surr)	112		87 - 123		37/27/12 31:2m	13

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-57004/1-A

Matrix: Solid

Analysis Batch: 57332

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 57004

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		03/28/12 07:49	03/29/12 21:07	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		03/28/12 07:49	03/29/12 21:07	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		03/28/12 07:49	03/29/12 21:07	1
Pyridine	ND		0.0063	0.00010	mg/L		03/28/12 07:49	03/29/12 21:07	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		03/28/12 07:49	03/29/12 21:07	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		03/28/12 07:49	03/29/12 21:07	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		03/28/12 07:49	03/29/12 21:07	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		03/28/12 07:49	03/29/12 21:07	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		03/28/12 07:49	03/29/12 21:07	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		03/28/12 07:49	03/29/12 21:07	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		03/28/12 07:49	03/29/12 21:07	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		03/28/12 07:49	03/29/12 21:07	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		03/28/12 07:49	03/29/12 21:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Bri5rob ophenol	133		m2 - 172	37/27/12 38:40	37/20/12 21:38	1
2-Fluoro5iphenyl	80		4T - 123	37/27/12 38:40	37/20/12 21:38	1
2-Fluorophenol	71		23 - 123	37/27/12 38:40	37/20/12 21:38	1
Nitro5en9ene-dm	67		46 - 123	37/27/12 38:40	37/20/12 21:38	1
p-Berphenyl-d14	12m		68 - 1m8	37/27/12 38:40	37/20/12 21:38	1
Phenol-dm	27		16 - 123	37/27/12 38:40	37/20/12 21:38	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-57004/2-A

Matrix: Solid

Analysis Batch: 57332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 57004

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.100	0.0633		mg/L		63	32 - 120
2,4-Dinitrotoluene	0.100	0.110		mg/L		110	59 - 125
Hexachloroethane	0.100	0.0610		mg/L		61	25 - 120
Pentachlorophenol	0.100	0.0974		mg/L		97	39 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Bri5rob ophenol	111		n2 - 172
2-Fluoro5iphenyl	02		4T - 123
2-Fluorophenol	44		23 - 123
Nitro5en9ene-dm	T4		46 - 123
p-Berphenyl-d14	11T		68 - 1n8
Phenol-dm	72		16 - 123

Lab Sample ID: LCSD 480-57004/3-A

Matrix: Solid

Analysis Batch: 57332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 57004

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.100	0.0700		mg/L		70	32 - 120	10	36
2,4-Dinitrotoluene	0.100	0.105		mg/L		105	59 - 125	5	20
Hexachloroethane	0.100	0.0719		mg/L		72	25 - 120	16	46
Pentachlorophenol	0.100	0.0999		mg/L		100	39 - 136	3	37

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Bri5rob ophenol	113		n2 - 172
2-Fluoro5iphenyl	T0		4T - 123
2-Fluorophenol	42		23 - 123
Nitro5en9ene-dm	Tm		46 - 123
p-Berphenyl-d14	114		68 - 1n8
Phenol-dm	72		16 - 123

Lab Sample ID: MB 480-57194/1-A

Matrix: Water

Analysis Batch: 57564

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 57194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		03/29/12 07:40	03/30/12 19:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/29/12 07:40	03/30/12 19:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/29/12 07:40	03/30/12 19:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/29/12 07:40	03/30/12 19:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/29/12 07:40	03/30/12 19:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/29/12 07:40	03/30/12 19:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/29/12 07:40	03/30/12 19:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/29/12 07:40	03/30/12 19:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/29/12 07:40	03/30/12 19:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/29/12 07:40	03/30/12 19:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/29/12 07:40	03/30/12 19:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/29/12 07:40	03/30/12 19:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/29/12 07:40	03/30/12 19:26	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-57194/1-A

Matrix: Water

Analysis Batch: 57564

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 57194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10	0.42	ug/L		03/29/12 07:40	03/30/12 19:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/29/12 07:40	03/30/12 19:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/29/12 07:40	03/30/12 19:26	1
3-Nitroaniline	ND		10	0.48	ug/L		03/29/12 07:40	03/30/12 19:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/29/12 07:40	03/30/12 19:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/29/12 07:40	03/30/12 19:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/29/12 07:40	03/30/12 19:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/29/12 07:40	03/30/12 19:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/29/12 07:40	03/30/12 19:26	1
4-Methylphenol	ND		10	0.36	ug/L		03/29/12 07:40	03/30/12 19:26	1
4-Nitroaniline	ND		10	0.25	ug/L		03/29/12 07:40	03/30/12 19:26	1
4-Nitrophenol	ND		10	1.5	ug/L		03/29/12 07:40	03/30/12 19:26	1
Acenaphthene	ND		5.0	0.41	ug/L		03/29/12 07:40	03/30/12 19:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/29/12 07:40	03/30/12 19:26	1
Acetophenone	ND		5.0	0.54	ug/L		03/29/12 07:40	03/30/12 19:26	1
Anthracene	ND		5.0	0.28	ug/L		03/29/12 07:40	03/30/12 19:26	1
Atrazine	ND		5.0	0.46	ug/L		03/29/12 07:40	03/30/12 19:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/29/12 07:40	03/30/12 19:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/29/12 07:40	03/30/12 19:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/29/12 07:40	03/30/12 19:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/29/12 07:40	03/30/12 19:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/29/12 07:40	03/30/12 19:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/29/12 07:40	03/30/12 19:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/29/12 07:40	03/30/12 19:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/29/12 07:40	03/30/12 19:26	1
Bis(2-ethylhexyl) phthalate	3.67	J	5.0	1.8	ug/L		03/29/12 07:40	03/30/12 19:26	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		03/29/12 07:40	03/30/12 19:26	1
Caprolactam	ND		5.0	2.2	ug/L		03/29/12 07:40	03/30/12 19:26	1
Carbazole	ND		5.0	0.30	ug/L		03/29/12 07:40	03/30/12 19:26	1
Chrysene	ND		5.0	0.33	ug/L		03/29/12 07:40	03/30/12 19:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/29/12 07:40	03/30/12 19:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/29/12 07:40	03/30/12 19:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/29/12 07:40	03/30/12 19:26	1
Dibenzofuran	ND		10	0.51	ug/L		03/29/12 07:40	03/30/12 19:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/29/12 07:40	03/30/12 19:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/29/12 07:40	03/30/12 19:26	1
Fluoranthene	ND		5.0	0.40	ug/L		03/29/12 07:40	03/30/12 19:26	1
Fluorene	ND		5.0	0.36	ug/L		03/29/12 07:40	03/30/12 19:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/29/12 07:40	03/30/12 19:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/29/12 07:40	03/30/12 19:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/29/12 07:40	03/30/12 19:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/29/12 07:40	03/30/12 19:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/29/12 07:40	03/30/12 19:26	1
Isophorone	ND		5.0	0.43	ug/L		03/29/12 07:40	03/30/12 19:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/29/12 07:40	03/30/12 19:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/29/12 07:40	03/30/12 19:26	1
Naphthalene	ND		5.0	0.76	ug/L		03/29/12 07:40	03/30/12 19:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/29/12 07:40	03/30/12 19:26	1
Pentachlorophenol	ND		10	2.2	ug/L		03/29/12 07:40	03/30/12 19:26	1
Phenanthrene	ND		5.0	0.44	ug/L		03/29/12 07:40	03/30/12 19:26	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-57194/1-A

Matrix: Water

Analysis Batch: 57564

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 57194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		03/29/12 07:40	03/30/12 19:26	1
Pyrene	ND		5.0	0.34	ug/L		03/29/12 07:40	03/30/12 19:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Bri5rob ophenol	113		n2 - 172	37/20/12 38:43	37/73/12 10:26	1
2-Fluoro5iphenyl	73		4T - 123	37/20/12 38:43	37/73/12 10:26	1
2-Fluorophenol	78		23 - 123	37/20/12 38:43	37/73/12 10:26	1
Nitro5en9ene-dm	60		46 - 123	37/20/12 38:43	37/73/12 10:26	1
p-Berphenyl-d14	116		68 - 1n8	37/20/12 38:43	37/73/12 10:26	1
Phenol-dm	28		16 - 123	37/20/12 38:43	37/73/12 10:26	1

Lab Sample ID: LCS 480-57194/2-A

Matrix: Water

Analysis Batch: 57723

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 57194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	100	122		ug/L		122	59 - 125
2-Chlorophenol	100	79.3		ug/L		79	48 - 120
4-Chloro-3-methylphenol	100	110		ug/L		110	64 - 120
4-Nitrophenol	100	51.9		ug/L		52	16 - 120
Acenaphthene	100	101		ug/L		101	60 - 120
Bis(2-ethylhexyl) phthalate	100	119		ug/L		119	69 - 136
Fluorene	100	112		ug/L		112	66 - 129
Hexachloroethane	100	63.4		ug/L		63	25 - 120
N-Nitrosodi-n-propylamine	100	96.8		ug/L		97	56 - 120
Pentachlorophenol	100	115		ug/L		115	39 - 136
Phenol	100	36.9		ug/L		37	17 - 120
Pyrene	100	116		ug/L		116	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Bri5rob ophenol	11T		n2 - 172
2-Fluoro5iphenyl	04		4T - 123
2-Fluorophenol	m1		23 - 123
Nitro5en9ene-dm	TT		46 - 123
p-Berphenyl-d14	110		68 - 1n8
Phenol-dm	74		16 - 123

Lab Sample ID: LB 480-56736/1-D LB

Matrix: Solid

Analysis Batch: 57332

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 57004

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		03/28/12 07:49	03/29/12 22:17	1
3-Methylphenol	ND		0.010	0.00040	mg/L		03/28/12 07:49	03/29/12 22:17	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		03/28/12 07:49	03/29/12 22:17	1
Pyridine	ND		0.025	0.00041	mg/L		03/28/12 07:49	03/29/12 22:17	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		03/28/12 07:49	03/29/12 22:17	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		03/28/12 07:49	03/29/12 22:17	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		03/28/12 07:49	03/29/12 22:17	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 480-56736/1-D LB

Matrix: Solid

Analysis Batch: 57332

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 57004

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		0.010	0.00036	mg/L		03/28/12 07:49	03/29/12 22:17	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		03/28/12 07:49	03/29/12 22:17	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		03/28/12 07:49	03/29/12 22:17	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		03/28/12 07:49	03/29/12 22:17	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		03/28/12 07:49	03/29/12 22:17	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		03/28/12 07:49	03/29/12 22:17	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Bri5rob ophenol	111		n2 - 172	37/27/12 38:40	37/20/12 22:18	1
2-Fluoro5iphenyl	77		4T - 123	37/27/12 38:40	37/20/12 22:18	1
2-Fluorophenol	7m		23 - 123	37/27/12 38:40	37/20/12 22:18	1
Nitro5en9ene-dm	81		46 - 123	37/27/12 38:40	37/20/12 22:18	1
p-Berphenyl-d14	172		68 - 1n8	37/27/12 38:40	37/20/12 22:18	1
Phenol-dm	26		16 - 123	37/27/12 38:40	37/20/12 22:18	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-56893/1-A

Matrix: Solid

Analysis Batch: 56915

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		200	39	ug/Kg		03/27/12 11:17	03/27/12 19:08	1
PCB-1221	ND		200	39	ug/Kg		03/27/12 11:17	03/27/12 19:08	1
PCB-1232	ND		200	39	ug/Kg		03/27/12 11:17	03/27/12 19:08	1
PCB-1242	ND		200	44	ug/Kg		03/27/12 11:17	03/27/12 19:08	1
PCB-1248	ND		200	40	ug/Kg		03/27/12 11:17	03/27/12 19:08	1
PCB-1254	ND		200	43	ug/Kg		03/27/12 11:17	03/27/12 19:08	1
PCB-1260	ND		200	94	ug/Kg		03/27/12 11:17	03/27/12 19:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCf Decachloro5iphenyl	128		76 - 172	37/28/12 11:18	37/28/12 10:37	1
Betrachloro-b -xylene	110		24 - 182	37/28/12 11:18	37/28/12 10:37	1

Lab Sample ID: LCS 480-56893/2-A

Matrix: Solid

Analysis Batch: 56915

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2150	2460		ug/Kg		115	51 - 185
PCB-1260	2150	2680		ug/Kg		125	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCf Decachloro5iphenyl	143		76 - 172
Betrachloro-b -xylene	172		24 - 182

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 480-56893/3-A

Matrix: Solid

Analysis Batch: 56915

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 56893

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	2150	2510		ug/Kg		117	51 - 185	2	50
PCB-1260	2150	2640		ug/Kg		123	61 - 184	2	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCf Decachloro5iphenyl	174		76 - 172
Betrachloro-b -xylene	177		24 - 182

Lab Sample ID: MB 480-57429/1-A

Matrix: Water

Analysis Batch: 57792

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 57429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		03/30/12 08:32	04/02/12 15:09	1
PCB-1221	ND		0.50	0.18	ug/L		03/30/12 08:32	04/02/12 15:09	1
PCB-1232	ND		0.50	0.18	ug/L		03/30/12 08:32	04/02/12 15:09	1
PCB-1242	ND		0.50	0.18	ug/L		03/30/12 08:32	04/02/12 15:09	1
PCB-1248	ND		0.50	0.18	ug/L		03/30/12 08:32	04/02/12 15:09	1
PCB-1254	ND		0.50	0.25	ug/L		03/30/12 08:32	04/02/12 15:09	1
PCB-1260	ND		0.50	0.25	ug/L		03/30/12 08:32	04/02/12 15:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCf Decachloro5iphenyl	77		10 - 112	37/73/12 3T:72	34/32/12 1m30	1
Betrachloro-b -xylene	07		27 - 128	37/73/12 3T:72	34/32/12 1m30	1

Lab Sample ID: LCS 480-57429/2-A

Matrix: Water

Analysis Batch: 57792

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 57429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	5.00	5.24		ug/L		105	61 - 116
PCB-1260	5.00	5.02		ug/L		100	45 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCf Decachloro5iphenyl	71		10 - 112
Betrachloro-b -xylene	117		27 - 128

Lab Sample ID: LCSD 480-57429/3-A

Matrix: Water

Analysis Batch: 57792

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 57429

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	5.00	5.09		ug/L		102	61 - 116	3	50
PCB-1260	5.00	3.85		ug/L		77	45 - 110	26	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCf Decachloro5iphenyl	71		10 - 112
Betrachloro-b -xylene	136		27 - 128

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-56373/1-A

Matrix: Water

Analysis Batch: 56667

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56373

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/23/12 08:00	03/23/12 15:14	1
Antimony	ND		0.020	0.0068	mg/L		03/23/12 08:00	03/23/12 15:14	1
Arsenic	ND		0.010	0.0056	mg/L		03/23/12 08:00	03/23/12 15:14	1
Barium	ND		0.0020	0.00070	mg/L		03/23/12 08:00	03/23/12 15:14	1
Beryllium	ND		0.0020	0.00030	mg/L		03/23/12 08:00	03/23/12 15:14	1
Cadmium	ND		0.0010	0.00050	mg/L		03/23/12 08:00	03/23/12 15:14	1
Calcium	ND		0.50	0.10	mg/L		03/23/12 08:00	03/23/12 15:14	1
Chromium	ND		0.0040	0.0010	mg/L		03/23/12 08:00	03/23/12 15:14	1
Cobalt	ND		0.0040	0.00063	mg/L		03/23/12 08:00	03/23/12 15:14	1
Copper	ND		0.010	0.0016	mg/L		03/23/12 08:00	03/23/12 15:14	1
Iron	ND		0.050	0.019	mg/L		03/23/12 08:00	03/23/12 15:14	1
Lead	ND		0.0050	0.0030	mg/L		03/23/12 08:00	03/23/12 15:14	1
Magnesium	ND		0.20	0.043	mg/L		03/23/12 08:00	03/23/12 15:14	1
Manganese	ND		0.0030	0.00040	mg/L		03/23/12 08:00	03/23/12 15:14	1
Nickel	ND		0.010	0.0013	mg/L		03/23/12 08:00	03/23/12 15:14	1
Potassium	0.109	J	0.50	0.10	mg/L		03/23/12 08:00	03/23/12 15:14	1
Selenium	ND		0.015	0.0087	mg/L		03/23/12 08:00	03/23/12 15:14	1
Silver	ND		0.0030	0.0017	mg/L		03/23/12 08:00	03/23/12 15:14	1
Sodium	ND		1.0	0.32	mg/L		03/23/12 08:00	03/23/12 15:14	1
Thallium	ND		0.020	0.010	mg/L		03/23/12 08:00	03/23/12 15:14	1
Vanadium	ND		0.0050	0.0015	mg/L		03/23/12 08:00	03/23/12 15:14	1
Zinc	ND		0.010	0.0015	mg/L		03/23/12 08:00	03/23/12 15:14	1

Lab Sample ID: LCS 480-56373/2-A

Matrix: Water

Analysis Batch: 56667

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56373

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.79		mg/L		98	80 - 120
Antimony	0.200	0.198		mg/L		99	80 - 120
Arsenic	0.200	0.207		mg/L		103	80 - 120
Barium	0.200	0.214		mg/L		107	80 - 120
Beryllium	0.200	0.201		mg/L		100	80 - 120
Cadmium	0.200	0.200		mg/L		100	80 - 120
Calcium	10.0	10.00		mg/L		100	80 - 120
Chromium	0.200	0.194		mg/L		97	80 - 120
Cobalt	0.200	0.182		mg/L		91	80 - 120
Copper	0.200	0.203		mg/L		102	80 - 120
Iron	10.0	10.06		mg/L		101	80 - 120
Lead	0.200	0.192		mg/L		96	80 - 120
Magnesium	10.0	9.79		mg/L		98	80 - 120
Manganese	0.200	0.202		mg/L		101	80 - 120
Nickel	0.200	0.191		mg/L		95	80 - 120
Potassium	10.0	10.07		mg/L		100	80 - 120
Selenium	0.200	0.198		mg/L		99	80 - 120
Silver	0.0500	0.0504		mg/L		101	80 - 120
Sodium	10.0	10.07		mg/L		101	80 - 120
Thallium	0.200	0.198		mg/L		99	80 - 120
Vanadium	0.200	0.196		mg/L		98	80 - 120
Zinc	0.200	0.207		mg/L		104	80 - 120

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arcibo

TestAmerica Job ID: 480-17536-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-17536-1 MSD

Matrix: Water

Analysis Batch: 56667

Client Sample ID: GPW

Prep Type: Total/NA

Prep Batch: 56373

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.33		mg/L		103	75 - 125	3	20
Antimony	ND		0.200	0.201		mg/L		101	75 - 125	2	20
Arsenic	ND		0.200	0.219		mg/L		110	75 - 125	2	20
Barium	0.011		0.200	0.226		mg/L		107	75 - 125	2	20
Beryllium	ND		0.200	0.205		mg/L		102	75 - 125	0	20
Cadmium	ND		0.200	0.204		mg/L		102	75 - 125	0	20
Calcium	99.6		10.0	109.8	4	mg/L		102	75 - 125	0	20
Chromium	0.0034	J	0.200	0.200		mg/L		98	75 - 125	0	20
Cobalt	ND		0.200	0.188		mg/L		94	75 - 125	0	20
Copper	0.0053	J	0.200	0.215		mg/L		105	75 - 125	2	20
Iron	ND		10.0	10.13		mg/L		101	75 - 125	0	20
Lead	ND		0.200	0.197		mg/L		99	75 - 125	0	20
Magnesium	21.3		10.0	30.82		mg/L		95	75 - 125	0	20
Manganese	ND		0.200	0.203		mg/L		102	75 - 125	0	20
Nickel	ND		0.200	0.197		mg/L		99	75 - 125	0	20
Potassium	5.7	B	10.0	16.10		mg/L		104	75 - 125	1	20
Selenium	ND		0.200	0.204		mg/L		102	75 - 125	2	20
Silver	ND		0.0500	0.0511		mg/L		102	75 - 125	1	20
Sodium	127		10.0	137.3	4	mg/L		107	75 - 125	1	20
Thallium	ND		0.200	0.198		mg/L		99	75 - 125	0	20
Vanadium	0.0025	J	0.200	0.205		mg/L		101	75 - 125	0	20
Zinc	0.027		0.200	0.238		mg/L		106	75 - 125	1	20

Lab Sample ID: 480-17536-1MS

Matrix: Water

Analysis Batch: 56667

Client Sample ID: GPW

Prep Type: Total/NA

Prep Batch: 56373

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.00		mg/L		100	75 - 125		
Antimony	ND		0.200	0.204		mg/L		102	75 - 125		
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125		
Barium	0.011		0.200	0.221		mg/L		105	75 - 125		
Beryllium	ND		0.200	0.205		mg/L		103	75 - 125		
Cadmium	ND		0.200	0.204		mg/L		102	75 - 125		
Calcium	99.6		10.0	109.5	4	mg/L		99	75 - 125		
Chromium	0.0034	J	0.200	0.200		mg/L		98	75 - 125		
Cobalt	ND		0.200	0.188		mg/L		94	75 - 125		
Copper	0.0053	J	0.200	0.210		mg/L		103	75 - 125		
Iron	ND		10.0	10.10		mg/L		101	75 - 125		
Lead	ND		0.200	0.197		mg/L		98	75 - 125		
Magnesium	21.3		10.0	30.83		mg/L		95	75 - 125		
Manganese	ND		0.200	0.204		mg/L		102	75 - 125		
Nickel	ND		0.200	0.197		mg/L		98	75 - 125		
Potassium	5.7	B	10.0	15.93		mg/L		102	75 - 125		
Selenium	ND		0.200	0.209		mg/L		104	75 - 125		
Silver	ND		0.0500	0.0514		mg/L		103	75 - 125		
Sodium	127		10.0	138.5	4	mg/L		119	75 - 125		
Thallium	ND		0.200	0.198		mg/L		99	75 - 125		
Vanadium	0.0025	J	0.200	0.205		mg/L		101	75 - 125		
Zinc	0.027		0.200	0.236		mg/L		104	75 - 125		

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arcibo

TestAmerica Job ID: 480-17536-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 480-56696/1-A

Matrix: Solid

Analysis Batch: 57020

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		14.0	0.50	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Arsenic	ND		1.9	0.37	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Barium	ND		0.47	0.10	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Beryllium	ND		0.19	0.026	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Cadmium	ND		0.19	0.028	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Chromium	ND		0.47	0.19	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Cobalt	ND		0.47	0.047	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Copper	ND		0.93	0.20	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Lead	ND		0.93	0.22	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Magnesium	1.52	J	18.7	0.87	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Manganese	ND		0.19	0.030	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Nickel	ND		4.7	0.21	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Potassium	ND		28.0	18.7	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Selenium	ND		3.7	0.53	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Silver	ND		0.47	0.19	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Sodium	ND		131	12.1	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Thallium	ND		5.6	0.28	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Vanadium	ND		0.47	0.10	mg/Kg		03/26/12 15:20	03/27/12 15:56	1
Zinc	ND		1.9	0.14	mg/Kg		03/26/12 15:20	03/27/12 15:56	1

Lab Sample ID: MB 480-56696/1-A

Matrix: Solid

Analysis Batch: 57207

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		9.3	4.1	mg/Kg		03/26/12 15:20	03/28/12 17:46	1
Calcium	7.29	J	46.7	3.1	mg/Kg		03/26/12 15:20	03/28/12 17:46	1

Lab Sample ID: MB 480-56696/1-A

Matrix: Solid

Analysis Batch: 57426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56696

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	1.94	J	9.3	1.0	mg/Kg		03/26/12 15:20	03/29/12 21:32	1

Lab Sample ID: LCSSRM 480-56696/2-A

Matrix: Solid

Analysis Batch: 57020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	106	84.32		mg/Kg		80	25 - 275
Arsenic	109	105.5		mg/Kg		97	70 - 134
Barium	206	175.2		mg/Kg		85	73 - 127
Beryllium	88.1	78.42		mg/Kg		89	74 - 126
Cadmium	80.1	76.68		mg/Kg		96	73 - 127
Chromium	117	109.3		mg/Kg		94	70 - 130
Cobalt	127	127.7		mg/Kg		101	74 - 125
Copper	117	112.1		mg/Kg		96	75 - 125
Lead	76.1	75.85		mg/Kg		100	69 - 131
Magnesium	2640	2329		mg/Kg		88	64 - 136

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-56696/2-A

Matrix: Solid

Analysis Batch: 57020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	350	333.9		mg/Kg		96	75 - 125
Nickel	71.1	71.66		mg/Kg		101	71 - 129
Potassium	2960	2492		mg/Kg		84	63 - 138
Selenium	127	123.9		mg/Kg		98	67 - 134
Silver	41.0	38.48		mg/Kg		94	66 - 134
Sodium	360	314.5		mg/Kg		87	44 - 156
Thallium	266	275.0		mg/Kg		104	70 - 130
Vanadium	86.0	80.33		mg/Kg		93	63 - 137
Zinc	280	257.6		mg/Kg		92	71 - 129

Lab Sample ID: LCSSRM 480-56696/2-A

Matrix: Solid

Analysis Batch: 57207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8380	7024		mg/Kg		84	41 - 160
Calcium	6690	6544		mg/Kg		98	74 - 126

Lab Sample ID: LCSSRM 480-56696/2-A

Matrix: Solid

Analysis Batch: 57426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	12300	9934		mg/Kg		81	31 - 170

Lab Sample ID: 480-17629-10MS

Matrix: Solid

Analysis Batch: 57020

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		44.2	32.57	F	mg/Kg	✱	74	75 - 125
Arsenic	4.7		44.2	47.32		mg/Kg	✱	97	75 - 125
Barium	2.3		44.2	52.19		mg/Kg	✱	113	75 - 125
Beryllium	ND		44.2	46.62		mg/Kg	✱	106	75 - 125
Cadmium	ND		44.2	42.65		mg/Kg	✱	97	75 - 125
Chromium	55.3		44.2	102.6		mg/Kg	✱	107	75 - 125
Cobalt	0.49	J	44.2	43.27		mg/Kg	✱	97	75 - 125
Copper	7.2		44.2	54.63		mg/Kg	✱	107	75 - 125
Lead	2.8		44.2	49.83		mg/Kg	✱	107	75 - 125
Magnesium	38.0	B	2210	2161		mg/Kg	✱	96	75 - 125
Manganese	28.7		44.2	75.45		mg/Kg	✱	106	75 - 125
Nickel	2.1	J	44.2	48.59		mg/Kg	✱	105	75 - 125
Potassium	88.3		2210	2480		mg/Kg	✱	108	75 - 125
Selenium	1.1	J	44.2	39.71		mg/Kg	✱	87	75 - 125
Silver	ND		11.0	10.81		mg/Kg	✱	98	75 - 125
Sodium	20.6	J	2210	2352		mg/Kg	✱	105	75 - 125
Thallium	ND		44.2	43.65		mg/Kg	✱	99	75 - 125
Vanadium	147		44.2	201.5		mg/Kg	✱	124	75 - 125
Zinc	6.6		44.2	57.92		mg/Kg	✱	116	75 - 125

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-17629-10MS

Matrix: Solid

Analysis Batch: 57207

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	6930		2210	24800	F	mg/Kg	☼	808	75 - 125
Calcium	95.6	B	2210	2325		mg/Kg	☼	101	75 - 125

Lab Sample ID: 480-17629-10MS

Matrix: Solid

Analysis Batch: 57426

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	43100	B ^	2210	44260	4	mg/Kg	☼	53	75 - 125

Lab Sample ID: 480-17629-10MSD

Matrix: Solid

Analysis Batch: 57020

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	ND		41.9	29.96	F	mg/Kg	☼	72	75 - 125	8	20
Arsenic	4.7		41.9	40.07		mg/Kg	☼	84	75 - 125	17	20
Barium	2.3		41.9	48.23		mg/Kg	☼	110	75 - 125	8	20
Beryllium	ND		41.9	35.79	F	mg/Kg	☼	85	75 - 125	26	20
Cadmium	ND		41.9	39.55		mg/Kg	☼	94	75 - 125	8	20
Chromium	55.3		41.9	97.89		mg/Kg	☼	102	75 - 125	5	20
Cobalt	0.49	J	41.9	39.99		mg/Kg	☼	94	75 - 125	8	20
Copper	7.2		41.9	50.54		mg/Kg	☼	103	75 - 125	8	20
Lead	2.8		41.9	46.05		mg/Kg	☼	103	75 - 125	8	20
Magnesium	38.0	B	2090	2014		mg/Kg	☼	94	75 - 125	7	20
Manganese	28.7		41.9	68.61		mg/Kg	☼	95	75 - 125	9	20
Nickel	2.1	J	41.9	44.70		mg/Kg	☼	102	75 - 125	8	20
Potassium	88.3		2100	1907	F	mg/Kg	☼	87	75 - 125	26	20
Selenium	1.1	J	41.9	34.61		mg/Kg	☼	80	75 - 125	14	20
Silver	ND		10.5	9.97		mg/Kg	☼	95	75 - 125	8	20
Sodium	20.6	J	2100	1813	F	mg/Kg	☼	85	75 - 125	26	20
Thallium	ND		41.9	40.53		mg/Kg	☼	97	75 - 125	7	20
Vanadium	147		41.9	186.4		mg/Kg	☼	95	75 - 125	8	20
Zinc	6.6		41.9	53.43		mg/Kg	☼	112	75 - 125	8	20

Lab Sample ID: 480-17629-10MSD

Matrix: Solid

Analysis Batch: 57207

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	6930		2100	21720	F	mg/Kg	☼	705	75 - 125	13	20
Calcium	95.6	B	2090	2182		mg/Kg	☼	100	75 - 125	6	20

Lab Sample ID: 480-17629-10MSD

Matrix: Solid

Analysis Batch: 57426

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56696

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Iron	43100	B ^	2090	42540	4	mg/Kg	☼	-26	75 - 125	4	20

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 480-56760/1-A

Matrix: Water

Analysis Batch: 57023

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		03/27/12 08:40	03/27/12 19:02	1
Barium	ND		0.0020	0.00070	mg/L		03/27/12 08:40	03/27/12 19:02	1
Cadmium	ND		0.0010	0.00050	mg/L		03/27/12 08:40	03/27/12 19:02	1
Chromium	ND		0.0040	0.0010	mg/L		03/27/12 08:40	03/27/12 19:02	1
Lead	ND		0.0050	0.0030	mg/L		03/27/12 08:40	03/27/12 19:02	1
Selenium	ND		0.015	0.0087	mg/L		03/27/12 08:40	03/27/12 19:02	1
Silver	ND		0.0030	0.0017	mg/L		03/27/12 08:40	03/27/12 19:02	1

Lab Sample ID: LCS 480-56760/2-A

Matrix: Water

Analysis Batch: 57023

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.200	0.206		mg/L		103	80 - 120
Barium	0.200	0.209		mg/L		104	80 - 120
Cadmium	0.200	0.197		mg/L		98	80 - 120
Chromium	0.200	0.194		mg/L		97	80 - 120
Lead	0.200	0.195		mg/L		97	80 - 120
Selenium	0.200	0.203		mg/L		102	80 - 120
Silver	0.0500	0.0490		mg/L		98	80 - 120

Lab Sample ID: MB 480-56847/2-A

Matrix: Solid

Analysis Batch: 57027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		03/27/12 09:30	03/27/12 20:38	1
Barium	ND		0.0020	0.00070	mg/L		03/27/12 09:30	03/27/12 20:38	1
Cadmium	ND		0.0010	0.00050	mg/L		03/27/12 09:30	03/27/12 20:38	1
Chromium	ND		0.0040	0.0010	mg/L		03/27/12 09:30	03/27/12 20:38	1
Lead	ND		0.0050	0.0030	mg/L		03/27/12 09:30	03/27/12 20:38	1
Selenium	ND		0.015	0.0087	mg/L		03/27/12 09:30	03/27/12 20:38	1
Silver	ND		0.0030	0.0017	mg/L		03/27/12 09:30	03/27/12 20:38	1

Lab Sample ID: LCS 480-56847/3-A

Matrix: Solid

Analysis Batch: 57027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.15		mg/L		115	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Cadmium	1.00	1.06		mg/L		106	80 - 120
Chromium	1.00	1.03		mg/L		103	80 - 120
Lead	1.00	1.05		mg/L		105	80 - 120
Selenium	1.00	1.12		mg/L		112	80 - 120
Silver	1.00	1.07		mg/L		107	80 - 120

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LB 480-56736/1-B LB

Matrix: Solid

Analysis Batch: 57027

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 56847

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		03/27/12 09:30	03/27/12 20:36	1
Barium	0.00950		0.0020	0.00070	mg/L		03/27/12 09:30	03/27/12 20:36	1
Cadmium	ND		0.0010	0.00050	mg/L		03/27/12 09:30	03/27/12 20:36	1
Chromium	0.00254	J	0.0040	0.0010	mg/L		03/27/12 09:30	03/27/12 20:36	1
Lead	ND		0.0050	0.0030	mg/L		03/27/12 09:30	03/27/12 20:36	1
Selenium	ND		0.015	0.0087	mg/L		03/27/12 09:30	03/27/12 20:36	1
Silver	ND		0.0030	0.0017	mg/L		03/27/12 09:30	03/27/12 20:36	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-56432/1-A

Matrix: Water

Analysis Batch: 56527

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/23/12 08:05	03/23/12 12:22	1

Lab Sample ID: LCS 480-56432/2-A

Matrix: Water

Analysis Batch: 56527

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00712		mg/L		107	80 - 120

Lab Sample ID: 480-17536-1 MSD

Matrix: Water

Analysis Batch: 56527

Client Sample ID: GPW

Prep Type: Total/NA

Prep Batch: 56432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00700		mg/L		105	75 - 125	1	20

Lab Sample ID: 480-17536-1MS

Matrix: Water

Analysis Batch: 56527

Client Sample ID: GPW

Prep Type: Total/NA

Prep Batch: 56432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00710		mg/L		106	75 - 125

Lab Sample ID: MB 480-56848/2-A

Matrix: Solid

Analysis Batch: 56898

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/27/12 09:30	03/27/12 12:32	1

Lab Sample ID: LCS 480-56848/3-A

Matrix: Solid

Analysis Batch: 56898

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00622		mg/L		93	80 - 120

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Lab Sample ID: MB 480-57008/1-A
Matrix: Water
Analysis Batch: 57122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 57008

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/28/12 08:10	03/28/12 12:10	1

Lab Sample ID: LCS 480-57008/2-A
Matrix: Water
Analysis Batch: 57122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 57008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00717		mg/L		107	80 - 120

Lab Sample ID: LB 480-56736/1-C LB
Matrix: Solid
Analysis Batch: 56898

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 56848

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/27/12 09:30	03/27/12 12:30	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-56672/1-A
Matrix: Solid
Analysis Batch: 56733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0083	mg/Kg		03/26/12 10:00	03/26/12 12:27	1

Lab Sample ID: LCSSRM 480-56672/2-A
Matrix: Solid
Analysis Batch: 56733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56672

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.77	3.45		mg/Kg		91	51 - 149

Lab Sample ID: 480-17629-10MS
Matrix: Solid
Analysis Batch: 56733

Client Sample ID: SB-4-2-4
Prep Type: Total/NA
Prep Batch: 56672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.389	0.355		mg/Kg	✱	91	75 - 125

Lab Sample ID: 480-17629-10MSD
Matrix: Solid
Analysis Batch: 56733

Client Sample ID: SB-4-2-4
Prep Type: Total/NA
Prep Batch: 56672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.405	0.357		mg/Kg	✱	88	75 - 125	0	20

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-57354/1

Matrix: Solid

Analysis Batch: 57354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Lab Sample ID: LCS 480-58204/1

Matrix: Water

Analysis Batch: 58204

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	81.00		Degrees F		100	97.5 - 102.5

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-39198/9-A

Matrix: Solid

Analysis Batch: 39485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39198

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		0.80	0.27	mg/Kg		04/05/12 07:42	04/06/12 00:00	1

Lab Sample ID: LCS 240-39198/11-A

Matrix: Solid

Analysis Batch: 39485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39198

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	643	563.5		mg/Kg		88	75 - 125

Lab Sample ID: LCSS 240-39198/10-A

Matrix: Solid

Analysis Batch: 39485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39198

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	20.0	19.40		mg/Kg		97	90 - 110

Lab Sample ID: MB 480-56378/3

Matrix: Water

Analysis Batch: 56378

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent chromium	ND		0.010	0.0050	mg/L			03/22/12 14:22	1

Lab Sample ID: LCS 480-56378/4

Matrix: Water

Analysis Batch: 56378

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexavalent chromium	0.0500	0.0543		mg/L		109	85 - 115

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 480-17536-1 MSD

Matrix: Water

Analysis Batch: 56378

Client Sample ID: GPW

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexavalent chromium	ND		0.0500	0.0526		mg/L		105	85 - 115	3	15

Lab Sample ID: 480-17536-1MS

Matrix: Water

Analysis Batch: 56378

Client Sample ID: GPW

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Hexavalent chromium	ND		0.0500	0.0543		mg/L		109	85 - 115		

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-58008/1-A

Matrix: Solid

Analysis Batch: 58009

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58008

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		04/03/12 11:30	04/03/12 16:16	1

Lab Sample ID: MB 480-58008/1-A

Matrix: Solid

Analysis Batch: 58010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58008

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		04/03/12 11:30	04/03/12 17:13	1

Lab Sample ID: LCS 480-58008/2-A

Matrix: Solid

Analysis Batch: 58009

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 58008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Reactive	1000	458.8		mg/Kg		46	10 - 100		

Lab Sample ID: LCS 480-58008/2-A

Matrix: Solid

Analysis Batch: 58010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 58008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Reactive	1000	478.8		mg/Kg		48	10 - 100		

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-56883/2-A

Matrix: Water

Analysis Batch: 57171

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56883

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		03/27/12 09:30	03/28/12 16:06	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCS 480-56883/1-A

Matrix: Water

Analysis Batch: 57171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56883

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.377		mg/L		94	90 - 110

Lab Sample ID: 480-17536-1 MSD

Matrix: Water

Analysis Batch: 57171

Client Sample ID: GPW

Prep Type: Total/NA

Prep Batch: 56883

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		0.100	0.0876		mg/L		88	85 - 115	12	15

Lab Sample ID: 480-17536-1MS

Matrix: Water

Analysis Batch: 57171

Client Sample ID: GPW

Prep Type: Total/NA

Prep Batch: 56883

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		0.100	0.0984		mg/L		98	85 - 115

Lab Sample ID: MB 480-56991/1-A

Matrix: Solid

Analysis Batch: 57171

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 56991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.96	0.46	mg/Kg		03/27/12 19:30	03/28/12 17:03	1

Lab Sample ID: LCS 480-56991/2-A

Matrix: Solid

Analysis Batch: 57171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 56991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	44.0	21.85		mg/Kg		50	29 - 122

Lab Sample ID: 480-17629-10MS

Matrix: Solid

Analysis Batch: 57171

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56991

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		11.2	11.39		mg/Kg	✱	102	85 - 115

Lab Sample ID: 480-17629-10MSD

Matrix: Solid

Analysis Batch: 57171

Client Sample ID: SB-4-2-4

Prep Type: Total/NA

Prep Batch: 56991

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		11.0	12.08		mg/Kg	✱	110	85 - 115	6	15

Lab Sample ID: MB 480-57392/1-A

Matrix: Solid

Analysis Batch: 57555

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 57392

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.92	0.45	mg/Kg		03/29/12 19:00	03/30/12 15:48	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCS 480-57392/2-A

Matrix: Solid

Analysis Batch: 57555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 57392

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	44.0	28.59		mg/Kg		65	29 - 122

Lab Sample ID: 480-17629-5 MS

Matrix: Solid

Analysis Batch: 57555

Client Sample ID: SB-2-2-4

Prep Type: Total/NA

Prep Batch: 57392

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.61	J	12.1	12.30		mg/Kg	✱	97	85 - 115

Lab Sample ID: 480-17629-1 DU

Matrix: Solid

Analysis Batch: 57555

Client Sample ID: SB-3-2-4

Prep Type: Total/NA

Prep Batch: 57392

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Cyanide, Total	0.53	J	ND		mg/Kg	✱	NC	15

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-58153/1-A

Matrix: Solid

Analysis Batch: 58154

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		04/03/12 11:30	04/04/12 10:45	1

Lab Sample ID: LCS 480-58153/2-A

Matrix: Solid

Analysis Batch: 58154

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 58153

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	220.4		mg/Kg		22	10 - 100

Method: 9040B - pH

Lab Sample ID: LCS 480-56427/1

Matrix: Water

Analysis Batch: 56427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.970		SU		100	99 - 101

Lab Sample ID: 480-17536-1 DU

Matrix: Water

Analysis Batch: 56427

Client Sample ID: GPW

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
pH	7.18	H	7.160		SU		0.3	5

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method: 9040B - pH (Continued)

Lab Sample ID: LCS 480-56642/1
Matrix: Water
Analysis Batch: 56642

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.000		SU		100	99 - 101

Lab Sample ID: LCS 480-57177/1
Matrix: Water
Analysis Batch: 57177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.000		SU		100	99 - 101

Method: 9045C - pH

Lab Sample ID: LCS 480-56804/1
Matrix: Solid
Analysis Batch: 56804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.010		SU		100	99 - 101

Lab Sample ID: 480-17629-1 DU
Matrix: Solid
Analysis Batch: 56804

Client Sample ID: SB-3-2-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	4.33		4.320		SU		0.2	5

Lab Sample ID: LCS 480-56979/1
Matrix: Solid
Analysis Batch: 56979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.960		SU		99	99 - 101

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

GC/MS VOA

Leach Batch: 56737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	1311	
LB 480-56737/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 56826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	8260B	56855
480-17629-3	SB-2-0-1	Total/NA	Solid	8260B	56855
480-17629-4	SB-2-1-2	Total/NA	Solid	8260B	56855
LCS 480-56826/6	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-56826/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 56855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	5035	
480-17629-3	SB-2-0-1	Total/NA	Solid	5035	
480-17629-4	SB-2-1-2	Total/NA	Solid	5035	
480-17629-10	SB-4-2-4	Total/NA	Solid	5035	
480-17629-10MS	SB-4-2-4	Total/NA	Solid	5035	
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	5035	
480-17629-12	SB-1-0-1	Total/NA	Solid	5035	
480-17629-13	SB-1-1-2	Total/NA	Solid	5035	
480-17629-14	SB-1-2-4	Total/NA	Solid	5035	
480-17629-16	BD 032012	Total/NA	Solid	5035	
480-17629-17	SB-3-0-1	Total/NA	Solid	5035	
480-17629-18	SB-3-1-2	Total/NA	Solid	5035	

Analysis Batch: 56965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	8260B	
480-17536-1 MSD	GPW	Total/NA	Water	8260B	
480-17536-1MS	GPW	Total/NA	Water	8260B	
480-17536-2	BD032112	Total/NA	Water	8260B	
480-17629-7	TRIP BLANK	Total/NA	Water	8260B	
480-17629-19	WC-032112S	TCLP	Solid	8260B	56737
480-17629-20	WC-032112W	Total/NA	Water	8260B	
LB 480-56737/1-A LB	Method Blank	TCLP	Solid	8260B	56737
LCS 480-56965/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-56965/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 57012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-5	SB-2-2-4	Total/NA	Solid	8260B	57052
480-17629-8	SB-4-0-1	Total/NA	Solid	8260B	57052
480-17629-9	SB-4-1-2	Total/NA	Solid	8260B	57052
480-17629-10	SB-4-2-4	Total/NA	Solid	8260B	56855
480-17629-10MS	SB-4-2-4	Total/NA	Solid	8260B	56855
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	8260B	56855
480-17629-12	SB-1-0-1	Total/NA	Solid	8260B	56855
480-17629-13	SB-1-1-2	Total/NA	Solid	8260B	56855
480-17629-14	SB-1-2-4	Total/NA	Solid	8260B	56855
480-17629-16	BD 032012	Total/NA	Solid	8260B	56855
480-17629-17	SB-3-0-1	Total/NA	Solid	8260B	56855

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

GC/MS VOA (Continued)

Analysis Batch: 57012 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-18	SB-3-1-2	Total/NA	Solid	8260B	56855
LCS 480-57012/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-57012/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 57052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-5	SB-2-2-4	Total/NA	Solid	5035	
480-17629-8	SB-4-0-1	Total/NA	Solid	5035	
480-17629-9	SB-4-1-2	Total/NA	Solid	5035	

GC/MS Semi VOA

Leach Batch: 56736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	1311	
LB 480-56736/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 57004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	3510C	56736
LB 480-56736/1-D LB	Method Blank	TCLP	Solid	3510C	56736
LCS 480-57004/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-57004/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-57004/1-A	Method Blank	Total/NA	Solid	3510C	

Prep Batch: 57194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17757-1	WC-032712W	Total/NA	Water	3510C	
LCS 480-57194/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-57194/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 57332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	8270C	57004
LB 480-56736/1-D LB	Method Blank	TCLP	Solid	8270C	57004
LCS 480-57004/2-A	Lab Control Sample	Total/NA	Solid	8270C	57004
LCSD 480-57004/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	57004
MB 480-57004/1-A	Method Blank	Total/NA	Solid	8270C	57004

Analysis Batch: 57564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17757-1	WC-032712W	Total/NA	Water	8270C	57194
MB 480-57194/1-A	Method Blank	Total/NA	Water	8270C	57194

Analysis Batch: 57723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-57194/2-A	Lab Control Sample	Total/NA	Water	8270C	57194

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

GC Semi VOA

Prep Batch: 56893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	3550B	
LCS 480-56893/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 480-56893/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 480-56893/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 56915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	8082	56893
LCS 480-56893/2-A	Lab Control Sample	Total/NA	Solid	8082	56893
LCSD 480-56893/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	56893
MB 480-56893/1-A	Method Blank	Total/NA	Solid	8082	56893

Prep Batch: 57429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17757-1	WC-032712W	Total/NA	Water	3510C	
LCS 480-57429/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-57429/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-57429/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 57792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17757-1	WC-032712W	Total/NA	Water	8082	57429
LCS 480-57429/2-A	Lab Control Sample	Total/NA	Water	8082	57429
LCSD 480-57429/3-A	Lab Control Sample Dup	Total/NA	Water	8082	57429
MB 480-57429/1-A	Method Blank	Total/NA	Water	8082	57429

Metals

Prep Batch: 56373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	3005A	
480-17536-1 MSD	GPW	Total/NA	Water	3005A	
480-17536-1MS	GPW	Total/NA	Water	3005A	
480-17536-2	BD032112	Total/NA	Water	3005A	
LCS 480-56373/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-56373/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 56432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	7470A	
480-17536-1 MSD	GPW	Total/NA	Water	7470A	
480-17536-1MS	GPW	Total/NA	Water	7470A	
480-17536-2	BD032112	Total/NA	Water	7470A	
LCS 480-56432/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-56432/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 56527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	7470A	56432
480-17536-1 MSD	GPW	Total/NA	Water	7470A	56432
480-17536-1MS	GPW	Total/NA	Water	7470A	56432
480-17536-2	BD032112	Total/NA	Water	7470A	56432

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Metals (Continued)

Analysis Batch: 56527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-56432/2-A	Lab Control Sample	Total/NA	Water	7470A	56432
MB 480-56432/1-A	Method Blank	Total/NA	Water	7470A	56432

Analysis Batch: 56667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	6010B	56373
480-17536-1 MSD	GPW	Total/NA	Water	6010B	56373
480-17536-1MS	GPW	Total/NA	Water	6010B	56373
480-17536-2	BD032112	Total/NA	Water	6010B	56373
LCS 480-56373/2-A	Lab Control Sample	Total/NA	Water	6010B	56373
MB 480-56373/1-A	Method Blank	Total/NA	Water	6010B	56373

Prep Batch: 56672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	7471A	
480-17629-3	SB-2-0-1	Total/NA	Solid	7471A	
480-17629-4	SB-2-1-2	Total/NA	Solid	7471A	
480-17629-5	SB-2-2-4	Total/NA	Solid	7471A	
480-17629-8	SB-4-0-1	Total/NA	Solid	7471A	
480-17629-9	SB-4-1-2	Total/NA	Solid	7471A	
480-17629-10	SB-4-2-4	Total/NA	Solid	7471A	
480-17629-10MS	SB-4-2-4	Total/NA	Solid	7471A	
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	7471A	
480-17629-12	SB-1-0-1	Total/NA	Solid	7471A	
480-17629-13	SB-1-1-2	Total/NA	Solid	7471A	
480-17629-14	SB-1-2-4	Total/NA	Solid	7471A	
480-17629-16	BD 032012	Total/NA	Solid	7471A	
480-17629-17	SB-3-0-1	Total/NA	Solid	7471A	
480-17629-18	SB-3-1-2	Total/NA	Solid	7471A	
LCSSRM 480-56672/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-56672/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 56696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	3050B	
480-17629-3	SB-2-0-1	Total/NA	Solid	3050B	
480-17629-4	SB-2-1-2	Total/NA	Solid	3050B	
480-17629-5	SB-2-2-4	Total/NA	Solid	3050B	
480-17629-8	SB-4-0-1	Total/NA	Solid	3050B	
480-17629-9	SB-4-1-2	Total/NA	Solid	3050B	
480-17629-10	SB-4-2-4	Total/NA	Solid	3050B	
480-17629-10MS	SB-4-2-4	Total/NA	Solid	3050B	
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	3050B	
480-17629-12	SB-1-0-1	Total/NA	Solid	3050B	
480-17629-13	SB-1-1-2	Total/NA	Solid	3050B	
480-17629-14	SB-1-2-4	Total/NA	Solid	3050B	
480-17629-16	BD 032012	Total/NA	Solid	3050B	
480-17629-17	SB-3-0-1	Total/NA	Solid	3050B	
480-17629-18	SB-3-1-2	Total/NA	Solid	3050B	
LCSSRM 480-56696/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-56696/1-A	Method Blank	Total/NA	Solid	3050B	

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Metals (Continued)

Analysis Batch: 56733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	7471A	56672
480-17629-3	SB-2-0-1	Total/NA	Solid	7471A	56672
480-17629-4	SB-2-1-2	Total/NA	Solid	7471A	56672
480-17629-5	SB-2-2-4	Total/NA	Solid	7471A	56672
480-17629-8	SB-4-0-1	Total/NA	Solid	7471A	56672
480-17629-9	SB-4-1-2	Total/NA	Solid	7471A	56672
480-17629-10	SB-4-2-4	Total/NA	Solid	7471A	56672
480-17629-10MS	SB-4-2-4	Total/NA	Solid	7471A	56672
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	7471A	56672
480-17629-12	SB-1-0-1	Total/NA	Solid	7471A	56672
480-17629-13	SB-1-1-2	Total/NA	Solid	7471A	56672
480-17629-14	SB-1-2-4	Total/NA	Solid	7471A	56672
480-17629-16	BD 032012	Total/NA	Solid	7471A	56672
480-17629-17	SB-3-0-1	Total/NA	Solid	7471A	56672
480-17629-18	SB-3-1-2	Total/NA	Solid	7471A	56672
LCSSRM 480-56672/2-A	Lab Control Sample	Total/NA	Solid	7471A	56672
MB 480-56672/1-A	Method Blank	Total/NA	Solid	7471A	56672

Leach Batch: 56736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	1311	
LB 480-56736/1-B LB	Method Blank	TCLP	Solid	1311	
LB 480-56736/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 56760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-20	WC-032112W	Total/NA	Water	3005A	
LCS 480-56760/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-56760/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 56847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	3010A	56736
LB 480-56736/1-B LB	Method Blank	TCLP	Solid	3010A	56736
LCS 480-56847/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-56847/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 56848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	7470A	56736
LB 480-56736/1-C LB	Method Blank	TCLP	Solid	7470A	56736
LCS 480-56848/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-56848/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 56898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	7470A	56848
LB 480-56736/1-C LB	Method Blank	TCLP	Solid	7470A	56848
LCS 480-56848/3-A	Lab Control Sample	Total/NA	Solid	7470A	56848
MB 480-56848/2-A	Method Blank	Total/NA	Solid	7470A	56848

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Metals (Continued)

Prep Batch: 57008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-20	WC-032112W	Total/NA	Water	7470A	
LCS 480-57008/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-57008/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 57020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	6010B	56696
480-17629-3	SB-2-0-1	Total/NA	Solid	6010B	56696
480-17629-4	SB-2-1-2	Total/NA	Solid	6010B	56696
480-17629-5	SB-2-2-4	Total/NA	Solid	6010B	56696
480-17629-8	SB-4-0-1	Total/NA	Solid	6010B	56696
480-17629-9	SB-4-1-2	Total/NA	Solid	6010B	56696
480-17629-10	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-10MS	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-12	SB-1-0-1	Total/NA	Solid	6010B	56696
480-17629-13	SB-1-1-2	Total/NA	Solid	6010B	56696
480-17629-14	SB-1-2-4	Total/NA	Solid	6010B	56696
480-17629-16	BD 032012	Total/NA	Solid	6010B	56696
480-17629-17	SB-3-0-1	Total/NA	Solid	6010B	56696
480-17629-18	SB-3-1-2	Total/NA	Solid	6010B	56696
LCSSRM 480-56696/2-A	Lab Control Sample	Total/NA	Solid	6010B	56696
MB 480-56696/1-A	Method Blank	Total/NA	Solid	6010B	56696

Analysis Batch: 57023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-20	WC-032112W	Total/NA	Water	6010B	56760
LCS 480-56760/2-A	Lab Control Sample	Total/NA	Water	6010B	56760
MB 480-56760/1-A	Method Blank	Total/NA	Water	6010B	56760

Analysis Batch: 57027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	TCLP	Solid	6010B	56847
LB 480-56736/1-B LB	Method Blank	TCLP	Solid	6010B	56847
LCS 480-56847/3-A	Lab Control Sample	Total/NA	Solid	6010B	56847
MB 480-56847/2-A	Method Blank	Total/NA	Solid	6010B	56847

Analysis Batch: 57122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-20	WC-032112W	Total/NA	Water	7470A	57008
LCS 480-57008/2-A	Lab Control Sample	Total/NA	Water	7470A	57008
MB 480-57008/1-A	Method Blank	Total/NA	Water	7470A	57008

Analysis Batch: 57207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	6010B	56696
480-17629-3	SB-2-0-1	Total/NA	Solid	6010B	56696
480-17629-3	SB-2-0-1	Total/NA	Solid	6010B	56696
480-17629-4	SB-2-1-2	Total/NA	Solid	6010B	56696
480-17629-5	SB-2-2-4	Total/NA	Solid	6010B	56696
480-17629-8	SB-4-0-1	Total/NA	Solid	6010B	56696
480-17629-8	SB-4-0-1	Total/NA	Solid	6010B	56696

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Metals (Continued)

Analysis Batch: 57207 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-9	SB-4-1-2	Total/NA	Solid	6010B	56696
480-17629-9	SB-4-1-2	Total/NA	Solid	6010B	56696
480-17629-10	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-10MS	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-12	SB-1-0-1	Total/NA	Solid	6010B	56696
480-17629-12	SB-1-0-1	Total/NA	Solid	6010B	56696
480-17629-13	SB-1-1-2	Total/NA	Solid	6010B	56696
480-17629-14	SB-1-2-4	Total/NA	Solid	6010B	56696
480-17629-14	SB-1-2-4	Total/NA	Solid	6010B	56696
480-17629-16	BD 032012	Total/NA	Solid	6010B	56696
480-17629-16	BD 032012	Total/NA	Solid	6010B	56696
480-17629-17	SB-3-0-1	Total/NA	Solid	6010B	56696
480-17629-18	SB-3-1-2	Total/NA	Solid	6010B	56696
480-17629-18	SB-3-1-2	Total/NA	Solid	6010B	56696
LCSSRM 480-56696/2-A	Lab Control Sample	Total/NA	Solid	6010B	56696
MB 480-56696/1-A	Method Blank	Total/NA	Solid	6010B	56696

Analysis Batch: 57426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	6010B	56696
480-17629-3	SB-2-0-1	Total/NA	Solid	6010B	56696
480-17629-4	SB-2-1-2	Total/NA	Solid	6010B	56696
480-17629-5	SB-2-2-4	Total/NA	Solid	6010B	56696
480-17629-8	SB-4-0-1	Total/NA	Solid	6010B	56696
480-17629-10	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-10MS	SB-4-2-4	Total/NA	Solid	6010B	56696
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	6010B	56696
LCSSRM 480-56696/2-A	Lab Control Sample	Total/NA	Solid	6010B	56696
MB 480-56696/1-A	Method Blank	Total/NA	Solid	6010B	56696

General Chemistry

Prep Batch: 39198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	3060A	
480-17629-3	SB-2-0-1	Total/NA	Solid	3060A	
480-17629-4	SB-2-1-2	Total/NA	Solid	3060A	
480-17629-5	SB-2-2-4	Total/NA	Solid	3060A	
480-17629-8	SB-4-0-1	Total/NA	Solid	3060A	
480-17629-9	SB-4-1-2	Total/NA	Solid	3060A	
480-17629-10	SB-4-2-4	Total/NA	Solid	3060A	
480-17629-12	SB-1-0-1	Total/NA	Solid	3060A	
480-17629-13	SB-1-1-2	Total/NA	Solid	3060A	
480-17629-14	SB-1-2-4	Total/NA	Solid	3060A	
480-17629-16	BD 032012	Total/NA	Solid	3060A	
480-17629-17	SB-3-0-1	Total/NA	Solid	3060A	
480-17629-18	SB-3-1-2	Total/NA	Solid	3060A	
LCSS 240-39198/11-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-39198/10-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 240-39198/9-A	Method Blank	Total/NA	Solid	3060A	

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

General Chemistry (Continued)

Analysis Batch: 39485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	7196A	39198
480-17629-3	SB-2-0-1	Total/NA	Solid	7196A	39198
480-17629-4	SB-2-1-2	Total/NA	Solid	7196A	39198
480-17629-5	SB-2-2-4	Total/NA	Solid	7196A	39198
480-17629-8	SB-4-0-1	Total/NA	Solid	7196A	39198
480-17629-9	SB-4-1-2	Total/NA	Solid	7196A	39198
480-17629-10	SB-4-2-4	Total/NA	Solid	7196A	39198
480-17629-12	SB-1-0-1	Total/NA	Solid	7196A	39198
480-17629-13	SB-1-1-2	Total/NA	Solid	7196A	39198
480-17629-14	SB-1-2-4	Total/NA	Solid	7196A	39198
480-17629-16	BD 032012	Total/NA	Solid	7196A	39198
480-17629-17	SB-3-0-1	Total/NA	Solid	7196A	39198
480-17629-18	SB-3-1-2	Total/NA	Solid	7196A	39198
LCSI 240-39198/11-A	Lab Control Sample	Total/NA	Solid	7196A	39198
LCSS 240-39198/10-A	Lab Control Sample	Total/NA	Solid	7196A	39198
MB 240-39198/9-A	Method Blank	Total/NA	Solid	7196A	39198

Analysis Batch: 56378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	7196A	
480-17536-1 MSD	GPW	Total/NA	Water	7196A	
480-17536-1MS	GPW	Total/NA	Water	7196A	
480-17536-2	BD032112	Total/NA	Water	7196A	
LCS 480-56378/4	Lab Control Sample	Total/NA	Water	7196A	
MB 480-56378/3	Method Blank	Total/NA	Water	7196A	

Analysis Batch: 56427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	9040B	
480-17536-1 DU	GPW	Total/NA	Water	9040B	
480-17536-2	BD032112	Total/NA	Water	9040B	
LCS 480-56427/1	Lab Control Sample	Total/NA	Water	9040B	

Analysis Batch: 56642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-20	WC-032112W	Total/NA	Water	9040B	
LCS 480-56642/1	Lab Control Sample	Total/NA	Water	9040B	

Analysis Batch: 56699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	Moisture	
480-17629-3	SB-2-0-1	Total/NA	Solid	Moisture	
480-17629-4	SB-2-1-2	Total/NA	Solid	Moisture	
480-17629-5	SB-2-2-4	Total/NA	Solid	Moisture	
480-17629-8	SB-4-0-1	Total/NA	Solid	Moisture	
480-17629-9	SB-4-1-2	Total/NA	Solid	Moisture	
480-17629-10	SB-4-2-4	Total/NA	Solid	Moisture	
480-17629-12	SB-1-0-1	Total/NA	Solid	Moisture	
480-17629-13	SB-1-1-2	Total/NA	Solid	Moisture	
480-17629-14	SB-1-2-4	Total/NA	Solid	Moisture	
480-17629-16	BD 032012	Total/NA	Solid	Moisture	
480-17629-17	SB-3-0-1	Total/NA	Solid	Moisture	

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

General Chemistry (Continued)

Analysis Batch: 56699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-18	SB-3-1-2	Total/NA	Solid	Moisture	

Analysis Batch: 56804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	9045C	
480-17629-1 DU	SB-3-2-4	Total/NA	Solid	9045C	
480-17629-3	SB-2-0-1	Total/NA	Solid	9045C	
480-17629-4	SB-2-1-2	Total/NA	Solid	9045C	
480-17629-5	SB-2-2-4	Total/NA	Solid	9045C	
480-17629-8	SB-4-0-1	Total/NA	Solid	9045C	
480-17629-9	SB-4-1-2	Total/NA	Solid	9045C	
480-17629-10	SB-4-2-4	Total/NA	Solid	9045C	
480-17629-12	SB-1-0-1	Total/NA	Solid	9045C	
480-17629-13	SB-1-1-2	Total/NA	Solid	9045C	
480-17629-14	SB-1-2-4	Total/NA	Solid	9045C	
480-17629-16	BD 032012	Total/NA	Solid	9045C	
480-17629-17	SB-3-0-1	Total/NA	Solid	9045C	
480-17629-18	SB-3-1-2	Total/NA	Solid	9045C	
LCS 480-56804/1	Lab Control Sample	Total/NA	Solid	9045C	

Analysis Batch: 56874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-10MS	SB-4-2-4	Total/NA	Solid	Moisture	
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	Moisture	
480-17629-19	WC-032112S	Total/NA	Solid	Moisture	

Prep Batch: 56883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	9012A	
480-17536-1 MSD	GPW	Total/NA	Water	9012A	
480-17536-1MS	GPW	Total/NA	Water	9012A	
480-17536-2	BD032112	Total/NA	Water	9012A	
LCS 480-56883/1-A	Lab Control Sample	Total/NA	Water	9012A	
MB 480-56883/2-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 56979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	9045C	
LCS 480-56979/1	Lab Control Sample	Total/NA	Solid	9045C	

Prep Batch: 56991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-8	SB-4-0-1	Total/NA	Solid	9012A	
480-17629-9	SB-4-1-2	Total/NA	Solid	9012A	
480-17629-10	SB-4-2-4	Total/NA	Solid	9012A	
480-17629-10MS	SB-4-2-4	Total/NA	Solid	9012A	
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	9012A	
480-17629-12	SB-1-0-1	Total/NA	Solid	9012A	
480-17629-13	SB-1-1-2	Total/NA	Solid	9012A	
480-17629-14	SB-1-2-4	Total/NA	Solid	9012A	
480-17629-16	BD 032012	Total/NA	Solid	9012A	
480-17629-17	SB-3-0-1	Total/NA	Solid	9012A	

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

General Chemistry (Continued)

Prep Batch: 56991 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-18	SB-3-1-2	Total/NA	Solid	9012A	
LCS 480-56991/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-56991/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 57171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17536-1	GPW	Total/NA	Water	9012A	56883
480-17536-1 MSD	GPW	Total/NA	Water	9012A	56883
480-17536-1MS	GPW	Total/NA	Water	9012A	56883
480-17536-2	BD032112	Total/NA	Water	9012A	56883
480-17629-8	SB-4-0-1	Total/NA	Solid	9012A	56991
480-17629-9	SB-4-1-2	Total/NA	Solid	9012A	56991
480-17629-10	SB-4-2-4	Total/NA	Solid	9012A	56991
480-17629-10MS	SB-4-2-4	Total/NA	Solid	9012A	56991
480-17629-10MSD	SB-4-2-4	Total/NA	Solid	9012A	56991
480-17629-12	SB-1-0-1	Total/NA	Solid	9012A	56991
480-17629-13	SB-1-1-2	Total/NA	Solid	9012A	56991
480-17629-14	SB-1-2-4	Total/NA	Solid	9012A	56991
480-17629-16	BD 032012	Total/NA	Solid	9012A	56991
480-17629-17	SB-3-0-1	Total/NA	Solid	9012A	56991
480-17629-18	SB-3-1-2	Total/NA	Solid	9012A	56991
LCS 480-56883/1-A	Lab Control Sample	Total/NA	Water	9012A	56883
LCS 480-56991/2-A	Lab Control Sample	Total/NA	Solid	9012A	56991
MB 480-56883/2-A	Method Blank	Total/NA	Water	9012A	56883
MB 480-56991/1-A	Method Blank	Total/NA	Solid	9012A	56991

Analysis Batch: 57177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17757-1	WC-032712W	Total/NA	Water	9040B	
LCS 480-57177/1	Lab Control Sample	Total/NA	Water	9040B	

Analysis Batch: 57354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	1010	
480-17629-20	WC-032112W	Total/NA	Water	1010	
LCS 480-57354/1	Lab Control Sample	Total/NA	Solid	1010	

Prep Batch: 57392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	9012A	
480-17629-1 DU	SB-3-2-4	Total/NA	Solid	9012A	
480-17629-3	SB-2-0-1	Total/NA	Solid	9012A	
480-17629-4	SB-2-1-2	Total/NA	Solid	9012A	
480-17629-5	SB-2-2-4	Total/NA	Solid	9012A	
480-17629-5 MS	SB-2-2-4	Total/NA	Solid	9012A	
LCS 480-57392/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-57392/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 57555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-1	SB-3-2-4	Total/NA	Solid	9012A	57392
480-17629-1 DU	SB-3-2-4	Total/NA	Solid	9012A	57392

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

General Chemistry (Continued)

Analysis Batch: 57555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-3	SB-2-0-1	Total/NA	Solid	9012A	57392
480-17629-4	SB-2-1-2	Total/NA	Solid	9012A	57392
480-17629-5	SB-2-2-4	Total/NA	Solid	9012A	57392
480-17629-5 MS	SB-2-2-4	Total/NA	Solid	9012A	57392
LCS 480-57392/2-A	Lab Control Sample	Total/NA	Solid	9012A	57392
MB 480-57392/1-A	Method Blank	Total/NA	Solid	9012A	57392

Prep Batch: 58008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	7.3.3	
480-17757-1	WC-032712W	Total/NA	Water	7.3.3	
LCS 480-58008/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-58008/1-A	Method Blank	Total/NA	Solid	7.3.3	

Analysis Batch: 58009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17757-1	WC-032712W	Total/NA	Water	9012	58008
LCS 480-58008/2-A	Lab Control Sample	Total/NA	Solid	9012	58008
MB 480-58008/1-A	Method Blank	Total/NA	Solid	9012	58008

Analysis Batch: 58010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	9012	58008
LCS 480-58008/2-A	Lab Control Sample	Total/NA	Solid	9012	58008
MB 480-58008/1-A	Method Blank	Total/NA	Solid	9012	58008

Prep Batch: 58153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	7.3.4	
480-17757-1	WC-032712W	Total/NA	Water	7.3.4	
LCS 480-58153/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-58153/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 58154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17629-19	WC-032112S	Total/NA	Solid	9034	58153
480-17757-1	WC-032712W	Total/NA	Water	9034	58153
LCS 480-58153/2-A	Lab Control Sample	Total/NA	Solid	9034	58153
MB 480-58153/1-A	Method Blank	Total/NA	Solid	9034	58153

Analysis Batch: 58204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17757-1	WC-032712W	Total/NA	Water	1010	
LCS 480-58204/1	Lab Control Sample	Total/NA	Water	1010	

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: GPW

Date Collected: 03/21/12 14:50

Date Received: 03/22/12 09:30

Lab Sample ID: 480-17536-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	56965	03/28/12 02:11	DC	TAL BUF
Total/NA	Prep	7470A			30 mL	50 mL	56432	03/23/12 08:05	JM	TAL BUF
Total/NA	Analysis	7470A		1			56527	03/23/12 12:38	JRK	TAL BUF
Total/NA	Prep	3005A			50 mL	50 mL	56373	03/23/12 08:00	SS	TAL BUF
Total/NA	Analysis	6010B		1			56667	03/23/12 15:37	LH	TAL BUF
Total/NA	Analysis	7196A		1			56378	03/22/12 14:26	KS	TAL BUF
Total/NA	Analysis	9040B		1			56427	03/22/12 23:23	KS	TAL BUF
Total/NA	Prep	9012A			50 mL	50 mL	56883	03/27/12 09:30	JR	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 16:08	PJQ	TAL BUF

Client Sample ID: BD032112

Date Collected: 03/21/12 15:00

Date Received: 03/22/12 09:30

Lab Sample ID: 480-17536-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	56965	03/28/12 03:22	DC	TAL BUF
Total/NA	Prep	7470A			30 mL	50 mL	56432	03/23/12 08:05	JM	TAL BUF
Total/NA	Analysis	7470A		1			56527	03/23/12 12:50	JRK	TAL BUF
Total/NA	Prep	3005A			50 mL	50 mL	56373	03/23/12 08:00	SS	TAL BUF
Total/NA	Analysis	6010B		1			56667	03/23/12 15:52	LH	TAL BUF
Total/NA	Analysis	7196A		1			56378	03/22/12 14:32	KS	TAL BUF
Total/NA	Analysis	9040B		1			56427	03/22/12 23:38	KS	TAL BUF
Total/NA	Prep	9012A			50 mL	50 mL	56883	03/27/12 09:30	JR	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 16:07	PJQ	TAL BUF

Client Sample ID: SB-3-2-4

Date Collected: 03/20/12 15:19

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-1

Matrix: Solid

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.44 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			56826	03/27/12 20:34	JMB	TAL BUF
Total/NA	Prep	7471A			+0.6049 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:32	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4626 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:00	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 17:50	MM	TAL BUF
Total/NA	Analysis	6010B		1			57426	03/29/12 21:37	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:22	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 19:34	KJ	TAL BUF
Total/NA	Prep	9012A			0.5324 g	50 mL	57392	03/29/12 19:00	ML	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-2-4

Date Collected: 03/20/12 15:19

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-1

Matrix: Solid

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9012A		1			57555	03/30/12 15:49	PJQ	TAL BUF

Client Sample ID: SB-2-0-1

Date Collected: 03/21/12 12:33

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-3

Matrix: Solid

Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.83 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			56826	03/27/12 20:59	JMB	TAL BUF
Total/NA	Prep	7471A			+0.5695 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:33	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5179 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:07	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 17:57	MM	TAL BUF
Total/NA	Analysis	6010B		5			57207	03/28/12 18:34	MM	TAL BUF
Total/NA	Analysis	6010B		1			57426	03/29/12 21:44	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:26	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 19:52	KJ	TAL BUF
Total/NA	Prep	9012A			0.5406 g	50 mL	57392	03/29/12 19:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			57555	03/30/12 15:51	PJQ	TAL BUF

Client Sample ID: SB-2-1-2

Date Collected: 03/21/12 12:48

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-4

Matrix: Solid

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			56826	03/27/12 21:25	JMB	TAL BUF
Total/NA	Prep	7471A			+0.5539 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:35	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5006 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:09	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 17:59	MM	TAL BUF
Total/NA	Analysis	6010B		1			57426	03/29/12 21:47	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:28	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 20:01	KJ	TAL BUF
Total/NA	Prep	9012A			0.5441 g	50 mL	57392	03/29/12 19:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			57555	03/30/12 15:52	PJQ	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-2-2-4

Date Collected: 03/21/12 12:55

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-5

Matrix: Solid

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.84 g	5 mL	57052	03/28/12 10:22	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 15:38	CDC	TAL BUF
Total/NA	Prep	7471A			+0.6459 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:40	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4943 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:11	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:01	MM	TAL BUF
Total/NA	Analysis	6010B		1			57426	03/29/12 21:54	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:38	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 20:10	KJ	TAL BUF
Total/NA	Prep	9012A			0.5122 g	50 mL	57392	03/29/12 19:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			57555	03/30/12 15:55	PJQ	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 03/21/12 00:00

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	56965	03/28/12 03:47	DC	TAL BUF

Client Sample ID: SB-4-0-1

Date Collected: 03/20/12 09:30

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-8

Matrix: Solid

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	57052	03/28/12 10:22	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 16:03	CDC	TAL BUF
Total/NA	Prep	7471A			+0.6583 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:42	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4597 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:13	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:03	MM	TAL BUF
Total/NA	Analysis	6010B		10			57207	03/28/12 18:36	MM	TAL BUF
Total/NA	Analysis	6010B		1			57426	03/29/12 21:57	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:39	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 20:19	KJ	TAL BUF
Total/NA	Prep	9012A			0.5004 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:09	PJQ	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arcibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-4-1-2

Lab Sample ID: 480-17629-9

Date Collected: 03/20/12 09:47

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	57052	03/28/12 10:22	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 16:29	CDC	TAL BUF
Total/NA	Prep	7471A			+0.6087 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:43	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5425 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:15	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:05	MM	TAL BUF
Total/NA	Analysis	6010B		5			57207	03/28/12 18:38	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:43	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 20:28	KJ	TAL BUF
Total/NA	Prep	9012A			0.5259 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:10	PJQ	TAL BUF

Client Sample ID: SB-4-2-4

Lab Sample ID: 480-17629-10

Date Collected: 03/20/12 10:14

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.93 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 11:49	CDC	TAL BUF
Total/NA	Prep	7471A			+0.5775 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:45	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4906 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:17	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:07	MM	TAL BUF
Total/NA	Analysis	6010B		1			57426	03/29/12 22:01	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:44	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 20:37	KJ	TAL BUF
Total/NA	Prep	9012A			0.5149 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:11	PJQ	TAL BUF

Client Sample ID: SB-1-0-1

Lab Sample ID: 480-17629-12

Date Collected: 03/20/12 12:50

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.94 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 13:05	CDC	TAL BUF
Total/NA	Prep	7471A			+0.5995 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:52	JRK	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-0-1

Date Collected: 03/20/12 12:50

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-12

Matrix: Solid

Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			+0.5136 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:31	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:21	MM	TAL BUF
Total/NA	Analysis	6010B		10			57207	03/28/12 18:40	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:47	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 20:47	KJ	TAL BUF
Total/NA	Prep	9012A			0.5352 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:13	PJQ	TAL BUF

Client Sample ID: SB-1-1-2

Date Collected: 03/20/12 12:55

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-13

Matrix: Solid

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.91 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 15:12	CDC	TAL BUF
Total/NA	Prep	7471A			+0.6815 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:54	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4796 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:33	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:23	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:48	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 20:56	KJ	TAL BUF
Total/NA	Prep	9012A			0.5135 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:14	PJQ	TAL BUF

Client Sample ID: SB-1-2-4

Date Collected: 03/20/12 13:05

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-14

Matrix: Solid

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.31 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 13:31	CDC	TAL BUF
Total/NA	Prep	7471A			+0.5972 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 12:56	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5048 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:35	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:25	MM	TAL BUF
Total/NA	Analysis	6010B		5			57207	03/28/12 18:46	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-1-2-4

Lab Sample ID: 480-17629-14

Date Collected: 03/20/12 13:05

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1			39485	04/06/12 13:57	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 21:14	KJ	TAL BUF
Total/NA	Prep	9012A			0.5346 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:15	PJQ	TAL BUF

Client Sample ID: BD 032012

Lab Sample ID: 480-17629-16

Date Collected: 03/20/12 16:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.69 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 13:56	CDC	TAL BUF
Total/NA	Prep	7471A			+0.5676 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 13:02	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4835 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:38	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:28	MM	TAL BUF
Total/NA	Analysis	6010B		5			57207	03/28/12 18:49	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:42	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 13:58	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 21:23	KJ	TAL BUF
Total/NA	Prep	9012A			0.5008 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:16	PJQ	TAL BUF

Client Sample ID: SB-3-0-1

Lab Sample ID: 480-17629-17

Date Collected: 03/20/12 15:00

Matrix: Solid

Date Received: 03/23/12 09:00

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 14:21	CDC	TAL BUF
Total/NA	Prep	7471A			+0.6307 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 13:04	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4661 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:40	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:30	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:44	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 14:01	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 21:32	KJ	TAL BUF
Total/NA	Prep	9012A			0.5086 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:19	PJQ	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: SB-3-1-2

Date Collected: 03/20/12 15:11

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-18

Matrix: Solid

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.33 g	5 mL	56855	03/27/12 13:11	JMB	TAL BUF
Total/NA	Analysis	8260B		1			57012	03/28/12 14:47	CDC	TAL BUF
Total/NA	Prep	7471A			+0.6310 g	50 mL	56672	03/26/12 10:00	JM	TAL BUF
Total/NA	Analysis	7471A		1			56733	03/26/12 13:05	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5150 g	50 mL	56696	03/26/12 15:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			57020	03/27/12 16:42	MM	TAL BUF
Total/NA	Analysis	6010B		1			57207	03/28/12 18:32	MM	TAL BUF
Total/NA	Analysis	6010B		5			57207	03/28/12 18:51	MM	TAL BUF
Total/NA	Prep	3060A			2.5 g	100 mL	39198	04/05/12 07:44	LG	TAL NC
Total/NA	Analysis	7196A		1			39485	04/06/12 14:04	LG	TAL NC
Total/NA	Analysis	Moisture		1			56699	03/26/12 10:30	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	56804	03/26/12 21:41	KJ	TAL BUF
Total/NA	Prep	9012A			0.5131 g	50 mL	56991	03/27/12 19:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			57171	03/28/12 17:19	PJQ	TAL BUF

Client Sample ID: WC-032112S

Date Collected: 03/21/12 14:00

Date Received: 03/23/12 09:00

Lab Sample ID: 480-17629-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			25.19 g	500 mL	56737	03/26/12 13:32	KV	TAL BUF
TCLP	Analysis	8260B		10	5 mL	5 mL	56965	03/28/12 01:48	DC	TAL BUF
TCLP	Leach	1311			100.12 g	2000 mL	56736	03/26/12 13:28	KV	TAL BUF
TCLP	Prep	3510C			250 mL	1 mL	57004	03/28/12 07:49	TR	TAL BUF
TCLP	Analysis	8270C		1			57332	03/29/12 22:41	RMM	TAL BUF
Total/NA	Prep	3550B			+2.74 g	10 mL	56893	03/27/12 11:17	KV	TAL BUF
Total/NA	Analysis	8082		1			56915	03/27/12 19:58	JM	TAL BUF
TCLP	Leach	1311			100.12 g	2000 mL	56736	03/26/12 13:28	KV	TAL BUF
TCLP	Prep	7470A			30 mL	50 mL	56848	03/27/12 09:30	JM	TAL BUF
TCLP	Analysis	7470A		1			56898	03/27/12 12:36	JM	TAL BUF
TCLP	Prep	3010A			50 mL	50 mL	56847	03/27/12 09:30	SS	TAL BUF
TCLP	Analysis	6010B		1			57027	03/27/12 20:42	MM	TAL BUF
Total/NA	Analysis	Moisture		1			56874	03/27/12 10:39	ZLR	TAL BUF
Total/NA	Analysis	9045C		1	25 mL	25 mL	56979	03/27/12 18:35	EGN	TAL BUF
Total/NA	Analysis	1010		1			57354	03/29/12 14:30	KS	TAL BUF
Total/NA	Prep	7.3.3			5 g	5 mL	58008	04/03/12 11:30	JR	TAL BUF
Total/NA	Analysis	9012		1			58010	04/03/12 17:13	JR	TAL BUF
Total/NA	Prep	7.3.4			100 g	100 mL	58153	04/03/12 11:30	JR	TAL BUF
Total/NA	Analysis	9034		1			58154	04/04/12 10:45	JR	TAL BUF

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Client Sample ID: WC-032112W

Lab Sample ID: 480-17629-20

Date Collected: 03/21/12 14:05

Matrix: Water

Date Received: 03/23/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	5 mL	5 mL	56965	03/28/12 04:11	DC	TAL BUF
Total/NA	Prep	3005A			50 mL	50 mL	56760	03/27/12 08:40	SS	TAL BUF
Total/NA	Analysis	6010B		1			57023	03/27/12 20:07	MM	TAL BUF
Total/NA	Prep	7470A			30 mL	50 mL	57008	03/28/12 08:10	JM	TAL BUF
Total/NA	Analysis	7470A		1			57122	03/28/12 12:18	JM	TAL BUF
Total/NA	Analysis	9040B		1			56642	03/24/12 16:00	PN	TAL BUF
Total/NA	Analysis	1010		1			57354	03/29/12 15:16	KS	TAL BUF

Client Sample ID: WC-032712W

Lab Sample ID: 480-17757-1

Date Collected: 03/27/12 10:15

Matrix: Water

Date Received: 03/28/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1010 mL	1 mL	57194	03/29/12 07:40	MZ	TAL BUF
Total/NA	Analysis	8270C		10			57564	03/30/12 21:52	HTL	TAL BUF
Total/NA	Prep	3510C			1010 mL	10 mL	57429	03/30/12 08:32	TR	TAL BUF
Total/NA	Analysis	8082		1			57792	04/02/12 17:07	JM	TAL BUF
Total/NA	Analysis	9040B		1			57177	03/28/12 20:13	EGN	TAL BUF
Total/NA	Prep	7.3.3			5 g	5 mL	58008	04/03/12 11:30	JR	TAL BUF
Total/NA	Analysis	9012		1			58009	04/03/12 16:16	JR	TAL BUF
Total/NA	Prep	7.3.4			100 g	100 mL	58153	04/03/12 11:30	JR	TAL BUF
Total/NA	Analysis	9034		1			58154	04/04/12 10:45	JR	TAL BUF
Total/NA	Analysis	1010		1			58204	04/04/12 11:00	ML	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-12
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-12
Wisconsin	State Program	5	998310390	08-31-12

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAC	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAC	5	200004	07-31-13
Kansas	NELAC	7	E-10336	01-31-13
Kentucky	State Program	4	58	11-16-12
L-A-B	DoD ELAP		L2315	02-28-13
Minnesota	NELAC	5	039-999-348	12-31-12
Nevada	State Program	9	OH-000482008A	07-31-12
New Jersey	NELAC	2	OH001	06-30-13
New York	NELAC	2	10975	04-01-13
Ohio VAP	State Program	5	CL0024	01-19-14
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAC	3	460175	09-14-13
Washington	State Program	10	C971	01-12-13
West Virginia DEP	State Program	3	210	12-31-12

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL NC
9012	Cyanide, Reactive	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9040B	pH	SW846	TAL BUF
9045C	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Arecibo

TestAmerica Job ID: 480-17536-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-17536-1	GPW	Water	03/21/12 14:50	03/22/12 09:30
480-17536-2	BD032112	Water	03/21/12 15:00	03/22/12 09:30
480-17629-1	SB-3-2-4	Solid	03/20/12 15:19	03/23/12 09:00
480-17629-3	SB-2-0-1	Solid	03/21/12 12:33	03/23/12 09:00
480-17629-4	SB-2-1-2	Solid	03/21/12 12:48	03/23/12 09:00
480-17629-5	SB-2-2-4	Solid	03/21/12 12:55	03/23/12 09:00
480-17629-7	TRIP BLANK	Water	03/21/12 00:00	03/23/12 09:00
480-17629-8	SB-4-0-1	Solid	03/20/12 09:30	03/23/12 09:00
480-17629-9	SB-4-1-2	Solid	03/20/12 09:47	03/23/12 09:00
480-17629-10	SB-4-2-4	Solid	03/20/12 10:14	03/23/12 09:00
480-17629-12	SB-1-0-1	Solid	03/20/12 12:50	03/23/12 09:00
480-17629-13	SB-1-1-2	Solid	03/20/12 12:55	03/23/12 09:00
480-17629-14	SB-1-2-4	Solid	03/20/12 13:05	03/23/12 09:00
480-17629-16	BD 032012	Solid	03/20/12 16:00	03/23/12 09:00
480-17629-17	SB-3-0-1	Solid	03/20/12 15:00	03/23/12 09:00
480-17629-18	SB-3-1-2	Solid	03/20/12 15:11	03/23/12 09:00
480-17629-19	WC-032112S	Solid	03/21/12 14:00	03/23/12 09:00
480-17629-20	WC-032112W	Water	03/21/12 14:05	03/23/12 09:00
480-17757-1	WC-032712W	Water	03/27/12 10:15	03/28/12 09:00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client	General Electric	Project Manager	John Brien	Date	3/21/12	Chain of Custody Number	213143
Address	Route 129	Telephone Number (Area Code)	315 671 9114	Lab Number		Page	1 of 1

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)
Aspen, CO	PR		Rohan Robert		
Project Name and Location (State)			Carrier/Maybill Number		
GE Precub PR			Fedex 8745 8322 5301		

Contract/Purchase Order/Quote No.	Contract No.	Contract Name	Contract Instructions/

[illegible]

Possible Hazard Identification		Sample Disposal		(A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☒ Unknown	
			☐ Return To Client	☒ Disposal By Lab	Archive For _____ Months

QC Requirements (Specify)

☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☐ 14 Days	☐ 21 Days	☐ Other _____
1. Relinquished By <u>R. B. Ser</u> Date <u>3/21/12</u> Time <u>1630</u> 2. Relinquished By _____ Date _____ Time _____ 3. Relinquished By _____ Date _____ Time _____					
1. Received By <u>[Signature]</u> Date <u>3-22-12</u> Time <u>930</u> 2. Received By <u>[Signature]</u> Date _____ Time _____ 3. Received By _____ Date _____ Time _____					

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

Temperature on Receipt _____
Drinking Water? Yes ☐ No ☒

TAL-4124 (1/007)

Client General Electric		Project Manager Jason Brien		Chain of Custody Number 213144	
Address Calle Las Batas Route 129		Telephone Number (Area Code)/Fax Number 315 671 9114		Date 3/22/12	
City Rio Piedras		State PR		Lab Number 1 of 3	
Zip Code 00924		Site Contact Roman Boler		Analysis (Attach list if more space is needed)	
Project Name and Location (State) GE Rio Piedras AS Arevalo		Carrier/Waybill Number Fedex 8745 8322 5297		Special Instructions/ Conditions of Receipt	
Contract/Purchase Order/Quote No.					

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)				
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Cyanide	Hex Chromium	P.H	total metals	VOCs
SB-4-0-1	3/20/12	930															
SB-4-1-2	3/20/12	947															
SB-4-2-4	3/20/12	1014															
SB-4-4-6	3/20/12	1035															
SB-4 MS/MSD	3/20/12	1130															
SB-1-0-1	3/20/12	1250															
SB-1-1-2	3/20/12	1255															
SB-1-2-4	3/20/12	1305															
SB-1-4-6	3/20/12	1315															
BD 032012	3/20/12	1600															
SB-3-0-1	3/20/12	1500															
SB-3-1-2	3/20/12	1511															

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other	QC Requirements (Specify)
1. Relinquished By 12-13022	1. Received By Cady
2. Relinquished By	2. Received By
3. Relinquished By	3. Received By
Comments	

3,1 2.7 4.1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica

Temperature on Receipt _____

THE LEADER IN ENVIRONMENTAL TESTING

Drinking Water? Yes ☐ No ☒

TAL-4124 (1007)

[illegible]

DISTRIBUTION: *WHITE - Returned to Client with Report; CANARY - Slays with the Sample; PINK - Field Copy*

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-17536-1

Login Number: 17536

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	False	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-17536-1

Login Number: 17629

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-17536-1

Login Number: 17629

List Number: 1

Creator: Sutek, Nick

List Source: TestAmerica Canton

List Creation: 03/27/12 01:09 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-17536-1

Login Number: 17757

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	False	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-44020-1

Client Project/Site: GE Puerto Rico

For:

ARCADIS U.S. Inc

6723 Towpath Road

PO BOX 66

Syracuse, New York 13214

Attn: Mr. Jason Brien

Candace L. Fox

Authorized for release by:

8/27/2013 2:38:18 PM

Candace Fox, Project Manager II

candace.fox@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Job ID: 480-44020-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-44020-1

Comments

No additional comments.

Receipt

The samples were received on 8/16/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° C.

Except:

MS/MSD was assigned to sample ABG-07-2-4.

Metals

No analytical or quality issues were noted.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-01-0-1

Lab Sample ID: 480-44020-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.0	J	2.1	0.43	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-01-1-2

Lab Sample ID: 480-44020-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.47	J	2.0	0.40	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-01-2-4

Lab Sample ID: 480-44020-3

No Detections.

Client Sample ID: ABG-02-0-1

Lab Sample ID: 480-44020-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.2		2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-02-1-2

Lab Sample ID: 480-44020-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-02-2-4

Lab Sample ID: 480-44020-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3	J	2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-03-0-1

Lab Sample ID: 480-44020-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.3		2.4	0.49	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-03-1-2

Lab Sample ID: 480-44020-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.5		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-03-2-4

Lab Sample ID: 480-44020-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.5		2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-12-0-1

Lab Sample ID: 480-44020-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.94	J	2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-12-1-2

Lab Sample ID: 480-44020-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.56	J	2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-12-2-4

Lab Sample ID: 480-44020-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.1	J	2.3	0.47	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: BD-081413

Lab Sample ID: 480-44020-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	J	2.2	0.43	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-11-01

Lab Sample ID: 480-44020-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.87	J	2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-11-1-2

Lab Sample ID: 480-44020-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2	J	2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-11-2-4

Lab Sample ID: 480-44020-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.59	J	2.3	0.47	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-10-0-1

Lab Sample ID: 480-44020-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.1		2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-10-1-2

Lab Sample ID: 480-44020-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.1	J	2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-10-2-4

Lab Sample ID: 480-44020-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3	J	2.1	0.43	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-09-0-1

Lab Sample ID: 480-44020-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2	J	2.1	0.43	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-09-1-2

Lab Sample ID: 480-44020-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2	J	1.9	0.38	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-09-2-4

Lab Sample ID: 480-44020-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-09-2-4 (Continued)

Lab Sample ID: 480-44020-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9	J	2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-08-0-1

Lab Sample ID: 480-44020-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.3	0.47	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-08-1-2

Lab Sample ID: 480-44020-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	J	2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-08-2-4

Lab Sample ID: 480-44020-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.93	J	1.9	0.38	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-06-0-1

Lab Sample ID: 480-44020-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7		2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-06-1-2

Lab Sample ID: 480-44020-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.65	J	2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-06-2-4

Lab Sample ID: 480-44020-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.4		2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-07-0-1

Lab Sample ID: 480-44020-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.4		2.0	0.39	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-07-1-2

Lab Sample ID: 480-44020-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3	J	2.1	0.43	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-07-2-4

Lab Sample ID: 480-44020-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9	J	2.4	0.48	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-05-0-1

Lab Sample ID: 480-44020-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-05-0-1 (Continued)

Lab Sample ID: 480-44020-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		2.0	0.41	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-05-1-2

Lab Sample ID: 480-44020-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	J	2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-05-2-4

Lab Sample ID: 480-44020-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2	J	2.3	0.46	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-04-0-1

Lab Sample ID: 480-44020-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3	J	2.4	0.48	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-04-1-2

Lab Sample ID: 480-44020-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.81	J	2.1	0.41	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-04-2-4

Lab Sample ID: 480-44020-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.73	J	2.0	0.41	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-01-0-1

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-1

Matrix: Solid

Percent Solids: 92.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	J	2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 14:53	1

Client Sample ID: ABG-01-1-2

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-2

Matrix: Solid

Percent Solids: 96.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.47	J	2.0	0.40	mg/Kg	☼	08/19/13 13:30	08/20/13 14:55	1

Client Sample ID: ABG-01-2-4

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-3

Matrix: Solid

Percent Solids: 96.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 14:58	1

Client Sample ID: ABG-02-0-1

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-4

Matrix: Solid

Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:13	1

Client Sample ID: ABG-02-1-2

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-5

Matrix: Solid

Percent Solids: 92.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:16	1

Client Sample ID: ABG-02-2-4

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-6

Matrix: Solid

Percent Solids: 91.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:18	1

Client Sample ID: ABG-03-0-1

Date Collected: 08/13/13 14:08

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-7

Matrix: Solid

Percent Solids: 89.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.4	0.49	mg/Kg	☼	08/19/13 13:30	08/20/13 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-03-1-2

Lab Sample ID: 480-44020-8

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.3	0.46	mg/Kg	☼	08/19/13 13:30	08/20/13 15:22	1

Client Sample ID: ABG-03-2-4

Lab Sample ID: 480-44020-9

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:25	1

Client Sample ID: ABG-12-0-1

Lab Sample ID: 480-44020-10

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 89.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.94	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:27	1

Client Sample ID: ABG-12-1-2

Lab Sample ID: 480-44020-11

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.56	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:29	1

Client Sample ID: ABG-12-2-4

Lab Sample ID: 480-44020-12

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1	J	2.3	0.47	mg/Kg	☼	08/19/13 13:30	08/20/13 15:31	1

Client Sample ID: BD-081413

Lab Sample ID: 480-44020-13

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.2	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 15:33	1

Client Sample ID: ABG-11-01

Lab Sample ID: 480-44020-14

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.87	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:40	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-11-1-2

Date Collected: 08/14/13 09:31

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-15

Matrix: Solid

Percent Solids: 92.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:43	1

Client Sample ID: ABG-11-2-4

Date Collected: 08/14/13 09:31

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-16

Matrix: Solid

Percent Solids: 83.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.59	J	2.3	0.47	mg/Kg	☼	08/19/13 13:30	08/20/13 15:45	1

Client Sample ID: ABG-10-0-1

Date Collected: 08/14/13 10:10

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-17

Matrix: Solid

Percent Solids: 91.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:47	1

Client Sample ID: ABG-10-1-2

Date Collected: 08/14/13 10:10

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-18

Matrix: Solid

Percent Solids: 96.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1	J	2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:49	1

Client Sample ID: ABG-10-2-4

Date Collected: 08/14/13 10:10

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-19

Matrix: Solid

Percent Solids: 95.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 15:51	1

Client Sample ID: ABG-09-0-1

Date Collected: 08/14/13 12:14

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-20

Matrix: Solid

Percent Solids: 96.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 15:54	1

Client Sample ID: ABG-09-1-2

Date Collected: 08/14/13 12:14

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-21

Matrix: Solid

Percent Solids: 95.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	1.9	0.38	mg/Kg	☼	08/19/13 16:20	08/20/13 13:53	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-09-2-4

Date Collected: 08/14/13 12:14

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-22

Matrix: Solid

Percent Solids: 94.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9	J	2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 13:56	1

Client Sample ID: ABG-08-0-1

Date Collected: 08/14/13 13:11

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-23

Matrix: Solid

Percent Solids: 91.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.3	0.47	mg/Kg	☼	08/19/13 16:20	08/20/13 13:58	1

Client Sample ID: ABG-08-1-2

Date Collected: 08/14/13 13:11

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-24

Matrix: Solid

Percent Solids: 94.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.1	0.42	mg/Kg	☼	08/19/13 16:20	08/20/13 14:00	1

Client Sample ID: ABG-08-2-4

Date Collected: 08/14/13 13:11

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-25

Matrix: Solid

Percent Solids: 95.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.93	J	1.9	0.38	mg/Kg	☼	08/19/13 16:20	08/20/13 14:02	1

Client Sample ID: ABG-06-0-1

Date Collected: 08/15/13 08:57

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-26

Matrix: Solid

Percent Solids: 92.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		2.2	0.44	mg/Kg	☼	08/19/13 16:20	08/20/13 14:04	1

Client Sample ID: ABG-06-1-2

Date Collected: 08/15/13 08:57

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-27

Matrix: Solid

Percent Solids: 92.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.65	J	2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 14:07	1

Client Sample ID: ABG-06-2-4

Date Collected: 08/15/13 08:57

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-28

Matrix: Solid

Percent Solids: 85.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 14:09	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-07-0-1

Date Collected: 08/15/13 09:25

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-29

Matrix: Solid

Percent Solids: 95.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		2.0	0.39	mg/Kg	☼	08/19/13 16:20	08/20/13 14:11	1

Client Sample ID: ABG-07-1-2

Date Collected: 08/15/13 09:25

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-30

Matrix: Solid

Percent Solids: 95.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.1	0.43	mg/Kg	☼	08/19/13 16:20	08/20/13 14:13	1

Client Sample ID: ABG-07-2-4

Date Collected: 08/15/13 09:25

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-31

Matrix: Solid

Percent Solids: 91.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9	J	2.4	0.48	mg/Kg	☼	08/19/13 16:20	08/20/13 14:20	1

Client Sample ID: ABG-05-0-1

Date Collected: 08/15/13 09:40

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-32

Matrix: Solid

Percent Solids: 90.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2.0	0.41	mg/Kg	☼	08/19/13 16:20	08/20/13 14:31	1

Client Sample ID: ABG-05-1-2

Date Collected: 08/15/13 09:40

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-33

Matrix: Solid

Percent Solids: 93.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 14:33	1

Client Sample ID: ABG-05-2-4

Date Collected: 08/15/13 09:40

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-34

Matrix: Solid

Percent Solids: 92.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	2.3	0.46	mg/Kg	☼	08/19/13 16:20	08/20/13 14:35	1

Client Sample ID: ABG-04-0-1

Date Collected: 08/15/13 10:00

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-35

Matrix: Solid

Percent Solids: 90.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3	J	2.4	0.48	mg/Kg	☼	08/19/13 16:20	08/20/13 14:37	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-04-1-2

Date Collected: 08/15/13 10:00

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-36

Matrix: Solid

Percent Solids: 95.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.81	J	2.1	0.41	mg/Kg	☼	08/19/13 16:20	08/20/13 14:40	1

Client Sample ID: ABG-04-2-4

Date Collected: 08/15/13 10:00

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-37

Matrix: Solid

Percent Solids: 95.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.73	J	2.0	0.41	mg/Kg	☼	08/19/13 16:20	08/20/13 14:46	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-134690/1-A
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9	0.39	mg/Kg		08/19/13 13:30	08/20/13 14:49	1

Lab Sample ID: LCSSRM 480-134690/2-A
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134690

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	161	156.6		mg/Kg		97.4	70.8 - 129.8

Lab Sample ID: 480-44020-3 MS
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: ABG-01-2-4
Prep Type: Total/NA
Prep Batch: 134690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		38.6	36.27		mg/Kg	☼	94	75 - 125

Lab Sample ID: 480-44020-3 MSD
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: ABG-01-2-4
Prep Type: Total/NA
Prep Batch: 134690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		42.4	43.39		mg/Kg	☼	102	75 - 125	18	20

Lab Sample ID: MB 480-134691/1-A
Matrix: Solid
Analysis Batch: 135081

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.8	0.36	mg/Kg		08/19/13 16:20	08/20/13 13:44	1

Lab Sample ID: LCSSRM 480-134691/2-A
Matrix: Solid
Analysis Batch: 135081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134691

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	161	151.5		mg/Kg		94.3	70.8 - 129.8

Lab Sample ID: 480-44020-31 MS
Matrix: Solid
Analysis Batch: 135081

Client Sample ID: ABG-07-2-4
Prep Type: Total/NA
Prep Batch: 134691

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.9	J	42.6	44.10		mg/Kg	☼	99	75 - 125

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-44020-31 MSD

Matrix: Solid

Analysis Batch: 135081

Client Sample ID: ABG-07-2-4

Prep Type: Total/NA

Prep Batch: 134691

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.9	J	47.4	45.90		mg/Kg	✱	93	75 - 125	4	20

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Metals

Prep Batch: 134690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-1	ABG-01-0-1	Total/NA	Solid	3050B	
480-44020-2	ABG-01-1-2	Total/NA	Solid	3050B	
480-44020-3	ABG-01-2-4	Total/NA	Solid	3050B	
480-44020-3 MS	ABG-01-2-4	Total/NA	Solid	3050B	
480-44020-3 MSD	ABG-01-2-4	Total/NA	Solid	3050B	
480-44020-4	ABG-02-0-1	Total/NA	Solid	3050B	
480-44020-5	ABG-02-1-2	Total/NA	Solid	3050B	
480-44020-6	ABG-02-2-4	Total/NA	Solid	3050B	
480-44020-7	ABG-03-0-1	Total/NA	Solid	3050B	
480-44020-8	ABG-03-1-2	Total/NA	Solid	3050B	
480-44020-9	ABG-03-2-4	Total/NA	Solid	3050B	
480-44020-10	ABG-12-0-1	Total/NA	Solid	3050B	
480-44020-11	ABG-12-1-2	Total/NA	Solid	3050B	
480-44020-12	ABG-12-2-4	Total/NA	Solid	3050B	
480-44020-13	BD-081413	Total/NA	Solid	3050B	
480-44020-14	ABG-11-01	Total/NA	Solid	3050B	
480-44020-15	ABG-11-1-2	Total/NA	Solid	3050B	
480-44020-16	ABG-11-2-4	Total/NA	Solid	3050B	
480-44020-17	ABG-10-0-1	Total/NA	Solid	3050B	
480-44020-18	ABG-10-1-2	Total/NA	Solid	3050B	
480-44020-19	ABG-10-2-4	Total/NA	Solid	3050B	
480-44020-20	ABG-09-0-1	Total/NA	Solid	3050B	
LCSSRM 480-134690/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-134690/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 134691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-21	ABG-09-1-2	Total/NA	Solid	3050B	
480-44020-22	ABG-09-2-4	Total/NA	Solid	3050B	
480-44020-23	ABG-08-0-1	Total/NA	Solid	3050B	
480-44020-24	ABG-08-1-2	Total/NA	Solid	3050B	
480-44020-25	ABG-08-2-4	Total/NA	Solid	3050B	
480-44020-26	ABG-06-0-1	Total/NA	Solid	3050B	
480-44020-27	ABG-06-1-2	Total/NA	Solid	3050B	
480-44020-28	ABG-06-2-4	Total/NA	Solid	3050B	
480-44020-29	ABG-07-0-1	Total/NA	Solid	3050B	
480-44020-30	ABG-07-1-2	Total/NA	Solid	3050B	
480-44020-31	ABG-07-2-4	Total/NA	Solid	3050B	
480-44020-31 MS	ABG-07-2-4	Total/NA	Solid	3050B	
480-44020-31 MSD	ABG-07-2-4	Total/NA	Solid	3050B	
480-44020-32	ABG-05-0-1	Total/NA	Solid	3050B	
480-44020-33	ABG-05-1-2	Total/NA	Solid	3050B	
480-44020-34	ABG-05-2-4	Total/NA	Solid	3050B	
480-44020-35	ABG-04-0-1	Total/NA	Solid	3050B	
480-44020-36	ABG-04-1-2	Total/NA	Solid	3050B	
480-44020-37	ABG-04-2-4	Total/NA	Solid	3050B	
LCSSRM 480-134691/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-134691/1-A	Method Blank	Total/NA	Solid	3050B	

TestAmerica Buffalo

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Metals (Continued)

Analysis Batch: 135081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-21	ABG-09-1-2	Total/NA	Solid	6010B	134691
480-44020-22	ABG-09-2-4	Total/NA	Solid	6010B	134691
480-44020-23	ABG-08-0-1	Total/NA	Solid	6010B	134691
480-44020-24	ABG-08-1-2	Total/NA	Solid	6010B	134691
480-44020-25	ABG-08-2-4	Total/NA	Solid	6010B	134691
480-44020-26	ABG-06-0-1	Total/NA	Solid	6010B	134691
480-44020-27	ABG-06-1-2	Total/NA	Solid	6010B	134691
480-44020-28	ABG-06-2-4	Total/NA	Solid	6010B	134691
480-44020-29	ABG-07-0-1	Total/NA	Solid	6010B	134691
480-44020-30	ABG-07-1-2	Total/NA	Solid	6010B	134691
480-44020-31	ABG-07-2-4	Total/NA	Solid	6010B	134691
480-44020-31 MS	ABG-07-2-4	Total/NA	Solid	6010B	134691
480-44020-31 MSD	ABG-07-2-4	Total/NA	Solid	6010B	134691
480-44020-32	ABG-05-0-1	Total/NA	Solid	6010B	134691
480-44020-33	ABG-05-1-2	Total/NA	Solid	6010B	134691
480-44020-34	ABG-05-2-4	Total/NA	Solid	6010B	134691
480-44020-35	ABG-04-0-1	Total/NA	Solid	6010B	134691
480-44020-36	ABG-04-1-2	Total/NA	Solid	6010B	134691
480-44020-37	ABG-04-2-4	Total/NA	Solid	6010B	134691
LCSSRM 480-134691/2-A	Lab Control Sample	Total/NA	Solid	6010B	134691
MB 480-134691/1-A	Method Blank	Total/NA	Solid	6010B	134691

Analysis Batch: 135082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-1	ABG-01-0-1	Total/NA	Solid	6010B	134690
480-44020-2	ABG-01-1-2	Total/NA	Solid	6010B	134690
480-44020-3	ABG-01-2-4	Total/NA	Solid	6010B	134690
480-44020-3 MS	ABG-01-2-4	Total/NA	Solid	6010B	134690
480-44020-3 MSD	ABG-01-2-4	Total/NA	Solid	6010B	134690
480-44020-4	ABG-02-0-1	Total/NA	Solid	6010B	134690
480-44020-5	ABG-02-1-2	Total/NA	Solid	6010B	134690
480-44020-6	ABG-02-2-4	Total/NA	Solid	6010B	134690
480-44020-7	ABG-03-0-1	Total/NA	Solid	6010B	134690
480-44020-8	ABG-03-1-2	Total/NA	Solid	6010B	134690
480-44020-9	ABG-03-2-4	Total/NA	Solid	6010B	134690
480-44020-10	ABG-12-0-1	Total/NA	Solid	6010B	134690
480-44020-11	ABG-12-1-2	Total/NA	Solid	6010B	134690
480-44020-12	ABG-12-2-4	Total/NA	Solid	6010B	134690
480-44020-13	BD-081413	Total/NA	Solid	6010B	134690
480-44020-14	ABG-11-01	Total/NA	Solid	6010B	134690
480-44020-15	ABG-11-1-2	Total/NA	Solid	6010B	134690
480-44020-16	ABG-11-2-4	Total/NA	Solid	6010B	134690
480-44020-17	ABG-10-0-1	Total/NA	Solid	6010B	134690
480-44020-18	ABG-10-1-2	Total/NA	Solid	6010B	134690
480-44020-19	ABG-10-2-4	Total/NA	Solid	6010B	134690
480-44020-20	ABG-09-0-1	Total/NA	Solid	6010B	134690
LCSSRM 480-134690/2-A	Lab Control Sample	Total/NA	Solid	6010B	134690
MB 480-134690/1-A	Method Blank	Total/NA	Solid	6010B	134690

TestAmerica Buffalo

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

General Chemistry

Analysis Batch: 134517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-1	ABG-01-0-1	Total/NA	Solid	Moisture	
480-44020-2	ABG-01-1-2	Total/NA	Solid	Moisture	
480-44020-3	ABG-01-2-4	Total/NA	Solid	Moisture	
480-44020-4	ABG-02-0-1	Total/NA	Solid	Moisture	
480-44020-5	ABG-02-1-2	Total/NA	Solid	Moisture	
480-44020-6	ABG-02-2-4	Total/NA	Solid	Moisture	
480-44020-7	ABG-03-0-1	Total/NA	Solid	Moisture	
480-44020-8	ABG-03-1-2	Total/NA	Solid	Moisture	
480-44020-9	ABG-03-2-4	Total/NA	Solid	Moisture	
480-44020-10	ABG-12-0-1	Total/NA	Solid	Moisture	
480-44020-11	ABG-12-1-2	Total/NA	Solid	Moisture	
480-44020-12	ABG-12-2-4	Total/NA	Solid	Moisture	
480-44020-13	BD-081413	Total/NA	Solid	Moisture	
480-44020-14	ABG-11-01	Total/NA	Solid	Moisture	
480-44020-15	ABG-11-1-2	Total/NA	Solid	Moisture	
480-44020-16	ABG-11-2-4	Total/NA	Solid	Moisture	
480-44020-17	ABG-10-0-1	Total/NA	Solid	Moisture	
480-44020-18	ABG-10-1-2	Total/NA	Solid	Moisture	
480-44020-19	ABG-10-2-4	Total/NA	Solid	Moisture	
480-44020-20	ABG-09-0-1	Total/NA	Solid	Moisture	
480-44020-21	ABG-09-1-2	Total/NA	Solid	Moisture	
480-44020-22	ABG-09-2-4	Total/NA	Solid	Moisture	
480-44020-23	ABG-08-0-1	Total/NA	Solid	Moisture	
480-44020-24	ABG-08-1-2	Total/NA	Solid	Moisture	
480-44020-25	ABG-08-2-4	Total/NA	Solid	Moisture	
480-44020-26	ABG-06-0-1	Total/NA	Solid	Moisture	
480-44020-27	ABG-06-1-2	Total/NA	Solid	Moisture	
480-44020-28	ABG-06-2-4	Total/NA	Solid	Moisture	
480-44020-29	ABG-07-0-1	Total/NA	Solid	Moisture	
480-44020-30	ABG-07-1-2	Total/NA	Solid	Moisture	
480-44020-31	ABG-07-2-4	Total/NA	Solid	Moisture	
480-44020-31 MS	ABG-07-2-4	Total/NA	Solid	Moisture	
480-44020-31 MSD	ABG-07-2-4	Total/NA	Solid	Moisture	
480-44020-32	ABG-05-0-1	Total/NA	Solid	Moisture	
480-44020-33	ABG-05-1-2	Total/NA	Solid	Moisture	
480-44020-34	ABG-05-2-4	Total/NA	Solid	Moisture	
480-44020-35	ABG-04-0-1	Total/NA	Solid	Moisture	
480-44020-36	ABG-04-1-2	Total/NA	Solid	Moisture	
480-44020-37	ABG-04-2-4	Total/NA	Solid	Moisture	

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-01-0-1

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-1

Matrix: Solid

Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 14:53	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-01-1-2

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-2

Matrix: Solid

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 14:55	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-01-2-4

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-3

Matrix: Solid

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 14:58	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-02-0-1

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-4

Matrix: Solid

Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:13	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-02-1-2

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-5

Matrix: Solid

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:16	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-02-2-4

Lab Sample ID: 480-44020-6

Date Collected: 08/13/13 11:46

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:18	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-03-0-1

Lab Sample ID: 480-44020-7

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:20	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-03-1-2

Lab Sample ID: 480-44020-8

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:22	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-03-2-4

Lab Sample ID: 480-44020-9

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:25	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-12-0-1

Lab Sample ID: 480-44020-10

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:27	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-12-1-2

Lab Sample ID: 480-44020-11

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:29	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-12-2-4

Lab Sample ID: 480-44020-12

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:31	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: BD-081413

Lab Sample ID: 480-44020-13

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:33	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-11-01

Lab Sample ID: 480-44020-14

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:40	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-11-1-2

Lab Sample ID: 480-44020-15

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:43	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-11-2-4

Lab Sample ID: 480-44020-16

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:45	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-10-0-1

Lab Sample ID: 480-44020-17

Date Collected: 08/14/13 10:10

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:47	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-10-1-2

Lab Sample ID: 480-44020-18

Date Collected: 08/14/13 10:10

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:49	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-10-2-4

Lab Sample ID: 480-44020-19

Date Collected: 08/14/13 10:10

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:51	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-09-0-1

Lab Sample ID: 480-44020-20

Date Collected: 08/14/13 12:14

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:54	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-09-1-2

Lab Sample ID: 480-44020-21

Date Collected: 08/14/13 12:14

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 13:53	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-09-2-4

Lab Sample ID: 480-44020-22

Date Collected: 08/14/13 12:14

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 13:56	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-08-0-1

Lab Sample ID: 480-44020-23

Date Collected: 08/14/13 13:11

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 13:58	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-08-1-2

Lab Sample ID: 480-44020-24

Date Collected: 08/14/13 13:11

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:00	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-08-2-4

Lab Sample ID: 480-44020-25

Date Collected: 08/14/13 13:11

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:02	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-06-0-1

Lab Sample ID: 480-44020-26

Date Collected: 08/15/13 08:57

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:04	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-06-1-2

Lab Sample ID: 480-44020-27

Date Collected: 08/15/13 08:57

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:07	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-06-2-4

Lab Sample ID: 480-44020-28

Date Collected: 08/15/13 08:57

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:09	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-07-0-1

Lab Sample ID: 480-44020-29

Date Collected: 08/15/13 09:25

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:11	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-07-1-2

Lab Sample ID: 480-44020-30

Date Collected: 08/15/13 09:25

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:13	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-07-2-4

Lab Sample ID: 480-44020-31

Date Collected: 08/15/13 09:25

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:20	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-05-0-1

Lab Sample ID: 480-44020-32

Date Collected: 08/15/13 09:40

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:31	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-05-1-2

Lab Sample ID: 480-44020-33

Date Collected: 08/15/13 09:40

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:33	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-05-2-4

Lab Sample ID: 480-44020-34

Date Collected: 08/15/13 09:40

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:35	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-04-0-1

Lab Sample ID: 480-44020-35

Date Collected: 08/15/13 10:00

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:37	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-04-1-2

Lab Sample ID: 480-44020-36

Date Collected: 08/15/13 10:00

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:40	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-04-2-4

Lab Sample ID: 480-44020-37

Date Collected: 08/15/13 10:00

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:46	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13 *

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-44020-1	ABG-01-0-1	Solid	08/13/13 09:48	08/16/13 09:00
480-44020-2	ABG-01-1-2	Solid	08/13/13 09:48	08/16/13 09:00
480-44020-3	ABG-01-2-4	Solid	08/13/13 09:48	08/16/13 09:00
480-44020-4	ABG-02-0-1	Solid	08/13/13 11:46	08/16/13 09:00
480-44020-5	ABG-02-1-2	Solid	08/13/13 11:46	08/16/13 09:00
480-44020-6	ABG-02-2-4	Solid	08/13/13 11:46	08/16/13 09:00
480-44020-7	ABG-03-0-1	Solid	08/13/13 14:08	08/16/13 09:00
480-44020-8	ABG-03-1-2	Solid	08/13/13 14:08	08/16/13 09:00
480-44020-9	ABG-03-2-4	Solid	08/13/13 14:08	08/16/13 09:00
480-44020-10	ABG-12-0-1	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-11	ABG-12-1-2	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-12	ABG-12-2-4	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-13	BD-081413	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-14	ABG-11-01	Solid	08/14/13 09:31	08/16/13 09:00
480-44020-15	ABG-11-1-2	Solid	08/14/13 09:31	08/16/13 09:00
480-44020-16	ABG-11-2-4	Solid	08/14/13 09:31	08/16/13 09:00
480-44020-17	ABG-10-0-1	Solid	08/14/13 10:10	08/16/13 09:00
480-44020-18	ABG-10-1-2	Solid	08/14/13 10:10	08/16/13 09:00
480-44020-19	ABG-10-2-4	Solid	08/14/13 10:10	08/16/13 09:00
480-44020-20	ABG-09-0-1	Solid	08/14/13 12:14	08/16/13 09:00
480-44020-21	ABG-09-1-2	Solid	08/14/13 12:14	08/16/13 09:00
480-44020-22	ABG-09-2-4	Solid	08/14/13 12:14	08/16/13 09:00
480-44020-23	ABG-08-0-1	Solid	08/14/13 13:11	08/16/13 09:00
480-44020-24	ABG-08-1-2	Solid	08/14/13 13:11	08/16/13 09:00
480-44020-25	ABG-08-2-4	Solid	08/14/13 13:11	08/16/13 09:00
480-44020-26	ABG-06-0-1	Solid	08/15/13 08:57	08/16/13 09:00
480-44020-27	ABG-06-1-2	Solid	08/15/13 08:57	08/16/13 09:00
480-44020-28	ABG-06-2-4	Solid	08/15/13 08:57	08/16/13 09:00
480-44020-29	ABG-07-0-1	Solid	08/15/13 09:25	08/16/13 09:00
480-44020-30	ABG-07-1-2	Solid	08/15/13 09:25	08/16/13 09:00
480-44020-31	ABG-07-2-4	Solid	08/15/13 09:25	08/16/13 09:00
480-44020-32	ABG-05-0-1	Solid	08/15/13 09:40	08/16/13 09:00
480-44020-33	ABG-05-1-2	Solid	08/15/13 09:40	08/16/13 09:00
480-44020-34	ABG-05-2-4	Solid	08/15/13 09:40	08/16/13 09:00
480-44020-35	ABG-04-0-1	Solid	08/15/13 10:00	08/16/13 09:00
480-44020-36	ABG-04-1-2	Solid	08/15/13 10:00	08/16/13 09:00
480-44020-37	ABG-04-2-4	Solid	08/15/13 10:00	08/16/13 09:00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____
Drinking Water? Yes ☐ No ☒

Chain of Custody Record

TAL-4124 (1007)

Client GE Arcub		Project Manager Jasen Brien		Date 8/15/13	Chain of Custody Number
Address Route 129		Telephone Number (Area Code)/Fax Number 315 671 9114		Lab Number	Page 1 of 4
City Arcub	State PR	Zip Code	Lab Contact Finnish Buber	Analysis (Attach list if more space is needed)	
Project Name and Location (State) GE Arcub			Carrier/Maybill Number	Special Instructions/ Conditions of Receipt	
Contract/Purchase Order/Quote No. 6					

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives											
			Air	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH					
ABG-01-04	08-13-13	0948			✓	✓											
ABG-01-1-2	08-13-13	0948			✓	✓											
ABG-01-2-4	08-13-13	0948			✓	✓											
ABG-02-0-1	08-13-13	1146			✓	✓											
ABG-02-1-2	08-13-13	1146			✓	✓											
ABG-02-2-4	08-13-13	1146			✓	✓											
ABG-03-0-1	08-13-13	1408			✓	✓											
ABG-03-1-2	08-13-13	1408			✓	✓											
ABG-03-2-4	08-13-13	1408			✓	✓											
ABG-12-0-1	08-14-13	0954			✓	✓											
ABG-12-1-2	08-14-13	0954			✓	✓											
ABG-12-2-4	08-14-13	0954			✓	✓											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify)
Standard

1. Relinquished By P. B. B.	Date 8/15/13	Time 1345	1. Received By Anthony M. TA BUCALO	Date 8/16/13	Time 0900
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments
#3 4.7

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Slavs with the Sample; PINK - Field Copy



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

Client GR ARECIBO		Project Manager Jim Boen		Date 8/15/13	Chain of Custody Number 20130900
Address ROUTE 124		Telephone Number (Area Code)/Fax Number 315-671-9114		Lab Number	
City ARECIBO	State PR	Zip Code	Site Contact RAMA BARR	Lab Contact	
Project Name and Location (State) GR ARECIBO		Carrier/Maybill Number		Analysis (Attach list if more space is needed)	
Contract/Purchase Order/Quote No.				Special Instructions/ Conditions of Receipt	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives									
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH			
BD-05/14/13	05-14-13	0854													
ABG-11-1-2	05-14-13	0931													
ABG-11-2-4	05-14-13	0931													
ABG-10-0-1	05-14-13	1010													
ABG-10-1-2	05-14-13	1010													
ABG-10-2-4	05-14-13	1010													
ABG-09-0-1	05-14-13	1214													
ABG-09-1-2	05-14-13	1214													
ABG-09-2-4	05-14-13	1214													
ABG-05-0-1	05-14-13	1311													
ABG-05-1-2	05-14-13	1311													



480-44020 Chain of Custody

Possible Hazard Identification		Sample Disposal		Disposal By Lab		Archive For		Months		(A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☐ Unknown	☒ Return To Client	☒ Disposal By Lab	☐ Archive For				

Turn Around Time Required		QC Requirements (Specify)	
☐ 24 Hours	☐ 48 Hours	☐ 7 Days	☐ 14 Days
☐ 21 Days	☐ 28 Days	☐ 35 Days	☐ 42 Days

1. Relinquished By	Date	Time	1. Received By	Date	Time
J B SV	8/15/13	1345	Heidi J Boen	8/16/13	0900
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

#3 4.7

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

Chain of Custody Record

TAL-4124 (1007)

Client GE ALECIBO	Project Manager Jason Brien	Date 8/15/13	Chain of Custody Number 61311
Address 204TH 129	Telephone Number (Area Code)/Fax Number 315 671 9114	Lab Number 3	of 4
City ARRECIBO	Site Contact ROMAN BOBER	Analysis (Attach list if more space is needed)	
State PR	Carrier/Waybill Number		
Zip Code			

Project Name and Location (State)
GE ALECIBO

Contract/Purchase Order/Quote No.

Special Instructions/
Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives				
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH
ABG-03-2-4	08-14-13	1311										
ABG-06-0-1	08-15-13	0937										
ABG-06-1-2	08-15-13	0937										
ABG-06-2-4	08-15-13	0937										
ABG-07-0-1	08-15-13	0935										
ABG-07-1-2	08-15-13	0935										
ABG-07-2-4	08-15-13	0935										
ABG-07-M5/M20	08-15-13	0925										
ABG-08-0-1	08-15-13	0940										
ABG-08-1-2	08-15-13	0940										
ABG-08-2-4	08-15-13	0940										
ABG-04-0-1	08-15-13	1000										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒ Return To Client ☐ Disposal By Lab ☒ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other **Site Related**

QC Requirements (Specify)

1. Relinquished By 1355	Date 8/15/13	Time 1345
2. Relinquished By	Date	Time
3. Relinquished By	Date	Time

1. Received By
Jason Brien

2. Received By
TA BUREAU

3. Received By

Comments
43 4.7

TestAmerica

Temperature on Receipt _____

THE LEADER IN ENVIRONMENTAL TESTING

Drinking Water? Yes ☐ No ☒

Client	GE ALLOCITE	Project Manager	Jean Brien	Date	8/15/13	Chain of Custody Number	0000
Address	ROUTE 129	Telephone Number (Area Code)/Fax Number	315 671 9114	Lab Number		Page	4 of 4

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)				
ARPC	DC		VERA						
Project Name and Location (State)					Carrier/Vault Number				

Customer Name and Address (Print)	Customer Reference Number	
6011 Atlantic Ave	11111111111111111111	
Contract/Purchase Order/Quote No.		
Containers &		
Special Instructions/ Conditions of Receipt		

Special Instructions/
Conditions of Receipt[illegible]

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab

Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify)

Turn Around Time Required		QC Requirements (Specify)				
24 Hours	48 Hours	7 Days	14 Days	21 Days	Other	Standard
1. Relinquished By <i>[Signature]</i>		Date <i>5/15/13</i>	Time <i>1345</i>			
2. Relinquished By		Date	Time			
3. Relinquished By		Date	Time			

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-44020-1

Login Number: 44020

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GE ARECIBO
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-48841-1

Client Project/Site: GE Puerto Rico

For:

ARCADIS U.S. Inc

6723 Towpath Road

Syracuse, New York 13214

Attn: Mr. Jason Brien



Authorized for release by:

11/4/2013 11:26:18 AM

Candace Fox, Project Manager II

(716)504-9844

candace.fox@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Job ID: 480-48841-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-48841-1

Comments

No additional comments.

Receipt

The sample was received on 10/26/2013 11:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5° C.

General Chemistry

No analytical or quality issues were noted.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Client Sample ID: SC 102513

Lab Sample ID: 480-48841-1

No Detections.

1

2

3

4

5

6

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8

9

10

11

12

13

14

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Client Sample ID: SC 102513

Lab Sample ID: 480-48841-1

Date Collected: 10/25/13 10:00

Matrix: Solid

Date Received: 10/26/13 11:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		11/01/13 00:35	11/01/13 07:29	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-149058/1-A

Matrix: Solid

Analysis Batch: 149184

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 149058

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		11/01/13 00:35	11/01/13 07:21	1

Lab Sample ID: LCS 480-149058/2-A

Matrix: Solid

Analysis Batch: 149184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 149058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	406200		mg/Kg		41	10 - 100

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

General Chemistry

Analysis Batch: 147759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-48841-1	SC 102513	Total/NA	Solid	Moisture	

Prep Batch: 149058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-48841-1	SC 102513	Total/NA	Solid	7.3.3	
LCS 480-149058/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-149058/1-A	Method Blank	Total/NA	Solid	7.3.3	

Analysis Batch: 149184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-48841-1	SC 102513	Total/NA	Solid	9012	149058
LCS 480-149058/2-A	Lab Control Sample	Total/NA	Solid	9012	149058
MB 480-149058/1-A	Method Blank	Total/NA	Solid	9012	149058

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Client Sample ID: SC 102513

Date Collected: 10/25/13 10:00

Date Received: 10/26/13 11:00

Lab Sample ID: 480-48841-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	147759	10/26/13 15:35	GTG	TAL BUF
Total/NA	Prep	7.3.3			149058	11/01/13 00:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	149184	11/01/13 07:29	LAW	TAL BUF

Laboratory References:
TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Method	Method Description	Protocol	Laboratory
9012	Cyanide, Reactive	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-48841-1	SC 102513	Solid	10/25/13 10:00	10/26/13 11:00

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-48841-1

Login Number: 48841

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	general electric
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-44020-1

Client Project/Site: GE Puerto Rico

For:

ARCADIS U.S. Inc

6723 Towpath Road

PO BOX 66

Syracuse, New York 13214

Attn: Mr. Jason Brien



Authorized for release by:

8/27/2013 2:38:18 PM

Candace Fox, Project Manager II

candace.fox@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Job ID: 480-44020-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-44020-1

Comments

No additional comments.

Receipt

The samples were received on 8/16/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° C.

Except:

MS/MSD was assigned to sample ABG-07-2-4.

Metals

No analytical or quality issues were noted.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-01-0-1

Lab Sample ID: 480-44020-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.0	J	2.1	0.43	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-01-1-2

Lab Sample ID: 480-44020-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.47	J	2.0	0.40	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-01-2-4

Lab Sample ID: 480-44020-3

No Detections.

Client Sample ID: ABG-02-0-1

Lab Sample ID: 480-44020-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.2		2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-02-1-2

Lab Sample ID: 480-44020-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-02-2-4

Lab Sample ID: 480-44020-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3	J	2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-03-0-1

Lab Sample ID: 480-44020-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.3		2.4	0.49	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-03-1-2

Lab Sample ID: 480-44020-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.5		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-03-2-4

Lab Sample ID: 480-44020-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.5		2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-12-0-1

Lab Sample ID: 480-44020-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.94	J	2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-12-1-2

Lab Sample ID: 480-44020-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.56	J	2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-12-2-4

Lab Sample ID: 480-44020-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	1.1	J	2.3	0.47	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: BD-081413

Lab Sample ID: 480-44020-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	1.4	J	2.2	0.43	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-11-01

Lab Sample ID: 480-44020-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.87	J	2.2	0.44	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-11-1-2

Lab Sample ID: 480-44020-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	1.2	J	2.1	0.42	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-11-2-4

Lab Sample ID: 480-44020-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.59	J	2.3	0.47	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-10-0-1

Lab Sample ID: 480-44020-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	2.1		2.1	0.42	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-10-1-2

Lab Sample ID: 480-44020-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	1.1	J	2.1	0.42	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-10-2-4

Lab Sample ID: 480-44020-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	1.3	J	2.1	0.43	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-09-0-1

Lab Sample ID: 480-44020-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	1.2	J	2.1	0.43	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-09-1-2

Lab Sample ID: 480-44020-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	1.2	J	1.9	0.38	mg/Kg	1		✱	6010B	Total/NA

Client Sample ID: ABG-09-2-4

Lab Sample ID: 480-44020-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic										

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-09-2-4 (Continued)

Lab Sample ID: 480-44020-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9	J	2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-08-0-1

Lab Sample ID: 480-44020-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8	J	2.3	0.47	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-08-1-2

Lab Sample ID: 480-44020-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	J	2.1	0.42	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-08-2-4

Lab Sample ID: 480-44020-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.93	J	1.9	0.38	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-06-0-1

Lab Sample ID: 480-44020-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7		2.2	0.44	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-06-1-2

Lab Sample ID: 480-44020-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.65	J	2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-06-2-4

Lab Sample ID: 480-44020-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.4		2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-07-0-1

Lab Sample ID: 480-44020-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.4		2.0	0.39	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-07-1-2

Lab Sample ID: 480-44020-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.3	J	2.1	0.43	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-07-2-4

Lab Sample ID: 480-44020-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9	J	2.4	0.48	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-05-0-1

Lab Sample ID: 480-44020-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-05-0-1 (Continued)

Lab Sample ID: 480-44020-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		2.0	0.41	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-05-1-2

Lab Sample ID: 480-44020-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.4	J	2.3	0.45	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-05-2-4

Lab Sample ID: 480-44020-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.2	J	2.3	0.46	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-04-0-1

Lab Sample ID: 480-44020-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3	J	2.4	0.48	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-04-1-2

Lab Sample ID: 480-44020-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.81	J	2.1	0.41	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: ABG-04-2-4

Lab Sample ID: 480-44020-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.73	J	2.0	0.41	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-01-0-1

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-1

Matrix: Solid

Percent Solids: 92.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	J	2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 14:53	1

Client Sample ID: ABG-01-1-2

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-2

Matrix: Solid

Percent Solids: 96.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.47	J	2.0	0.40	mg/Kg	☼	08/19/13 13:30	08/20/13 14:55	1

Client Sample ID: ABG-01-2-4

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-3

Matrix: Solid

Percent Solids: 96.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 14:58	1

Client Sample ID: ABG-02-0-1

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-4

Matrix: Solid

Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:13	1

Client Sample ID: ABG-02-1-2

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-5

Matrix: Solid

Percent Solids: 92.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:16	1

Client Sample ID: ABG-02-2-4

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-6

Matrix: Solid

Percent Solids: 91.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:18	1

Client Sample ID: ABG-03-0-1

Date Collected: 08/13/13 14:08

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-7

Matrix: Solid

Percent Solids: 89.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.4	0.49	mg/Kg	☼	08/19/13 13:30	08/20/13 15:20	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-03-1-2

Lab Sample ID: 480-44020-8

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.3	0.46	mg/Kg	☼	08/19/13 13:30	08/20/13 15:22	1

Client Sample ID: ABG-03-2-4

Lab Sample ID: 480-44020-9

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:25	1

Client Sample ID: ABG-12-0-1

Lab Sample ID: 480-44020-10

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 89.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.94	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:27	1

Client Sample ID: ABG-12-1-2

Lab Sample ID: 480-44020-11

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.56	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:29	1

Client Sample ID: ABG-12-2-4

Lab Sample ID: 480-44020-12

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1	J	2.3	0.47	mg/Kg	☼	08/19/13 13:30	08/20/13 15:31	1

Client Sample ID: BD-081413

Lab Sample ID: 480-44020-13

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.2	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 15:33	1

Client Sample ID: ABG-11-01

Lab Sample ID: 480-44020-14

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.87	J	2.2	0.44	mg/Kg	☼	08/19/13 13:30	08/20/13 15:40	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-11-1-2

Date Collected: 08/14/13 09:31

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-15

Matrix: Solid

Percent Solids: 92.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:43	1

Client Sample ID: ABG-11-2-4

Date Collected: 08/14/13 09:31

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-16

Matrix: Solid

Percent Solids: 83.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.59	J	2.3	0.47	mg/Kg	☼	08/19/13 13:30	08/20/13 15:45	1

Client Sample ID: ABG-10-0-1

Date Collected: 08/14/13 10:10

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-17

Matrix: Solid

Percent Solids: 91.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:47	1

Client Sample ID: ABG-10-1-2

Date Collected: 08/14/13 10:10

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-18

Matrix: Solid

Percent Solids: 96.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1	J	2.1	0.42	mg/Kg	☼	08/19/13 13:30	08/20/13 15:49	1

Client Sample ID: ABG-10-2-4

Date Collected: 08/14/13 10:10

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-19

Matrix: Solid

Percent Solids: 95.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 15:51	1

Client Sample ID: ABG-09-0-1

Date Collected: 08/14/13 12:14

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-20

Matrix: Solid

Percent Solids: 96.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	2.1	0.43	mg/Kg	☼	08/19/13 13:30	08/20/13 15:54	1

Client Sample ID: ABG-09-1-2

Date Collected: 08/14/13 12:14

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-21

Matrix: Solid

Percent Solids: 95.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	1.9	0.38	mg/Kg	☼	08/19/13 16:20	08/20/13 13:53	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-09-2-4

Date Collected: 08/14/13 12:14

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-22

Matrix: Solid

Percent Solids: 94.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9	J	2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 13:56	1

Client Sample ID: ABG-08-0-1

Date Collected: 08/14/13 13:11

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-23

Matrix: Solid

Percent Solids: 91.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.8	J	2.3	0.47	mg/Kg	☼	08/19/13 16:20	08/20/13 13:58	1

Client Sample ID: ABG-08-1-2

Date Collected: 08/14/13 13:11

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-24

Matrix: Solid

Percent Solids: 94.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.1	0.42	mg/Kg	☼	08/19/13 16:20	08/20/13 14:00	1

Client Sample ID: ABG-08-2-4

Date Collected: 08/14/13 13:11

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-25

Matrix: Solid

Percent Solids: 95.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.93	J	1.9	0.38	mg/Kg	☼	08/19/13 16:20	08/20/13 14:02	1

Client Sample ID: ABG-06-0-1

Date Collected: 08/15/13 08:57

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-26

Matrix: Solid

Percent Solids: 92.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		2.2	0.44	mg/Kg	☼	08/19/13 16:20	08/20/13 14:04	1

Client Sample ID: ABG-06-1-2

Date Collected: 08/15/13 08:57

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-27

Matrix: Solid

Percent Solids: 92.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.65	J	2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 14:07	1

Client Sample ID: ABG-06-2-4

Date Collected: 08/15/13 08:57

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-28

Matrix: Solid

Percent Solids: 85.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 14:09	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-07-0-1

Date Collected: 08/15/13 09:25

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-29

Matrix: Solid

Percent Solids: 95.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		2.0	0.39	mg/Kg	☼	08/19/13 16:20	08/20/13 14:11	1

Client Sample ID: ABG-07-1-2

Date Collected: 08/15/13 09:25

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-30

Matrix: Solid

Percent Solids: 95.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.3	J	2.1	0.43	mg/Kg	☼	08/19/13 16:20	08/20/13 14:13	1

Client Sample ID: ABG-07-2-4

Date Collected: 08/15/13 09:25

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-31

Matrix: Solid

Percent Solids: 91.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9	J	2.4	0.48	mg/Kg	☼	08/19/13 16:20	08/20/13 14:20	1

Client Sample ID: ABG-05-0-1

Date Collected: 08/15/13 09:40

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-32

Matrix: Solid

Percent Solids: 90.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2.0	0.41	mg/Kg	☼	08/19/13 16:20	08/20/13 14:31	1

Client Sample ID: ABG-05-1-2

Date Collected: 08/15/13 09:40

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-33

Matrix: Solid

Percent Solids: 93.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.4	J	2.3	0.45	mg/Kg	☼	08/19/13 16:20	08/20/13 14:33	1

Client Sample ID: ABG-05-2-4

Date Collected: 08/15/13 09:40

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-34

Matrix: Solid

Percent Solids: 92.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	2.3	0.46	mg/Kg	☼	08/19/13 16:20	08/20/13 14:35	1

Client Sample ID: ABG-04-0-1

Date Collected: 08/15/13 10:00

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-35

Matrix: Solid

Percent Solids: 90.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3	J	2.4	0.48	mg/Kg	☼	08/19/13 16:20	08/20/13 14:37	1

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-04-1-2

Date Collected: 08/15/13 10:00

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-36

Matrix: Solid

Percent Solids: 95.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.81	J	2.1	0.41	mg/Kg	☼	08/19/13 16:20	08/20/13 14:40	1

Client Sample ID: ABG-04-2-4

Date Collected: 08/15/13 10:00

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-37

Matrix: Solid

Percent Solids: 95.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.73	J	2.0	0.41	mg/Kg	☼	08/19/13 16:20	08/20/13 14:46	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-134690/1-A
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9	0.39	mg/Kg		08/19/13 13:30	08/20/13 14:49	1

Lab Sample ID: LCSSRM 480-134690/2-A
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134690

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	161	156.6		mg/Kg		97.4	70.8 - 129.8

Lab Sample ID: 480-44020-3 MS
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: ABG-01-2-4
Prep Type: Total/NA
Prep Batch: 134690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		38.6	36.27		mg/Kg	☼	94	75 - 125

Lab Sample ID: 480-44020-3 MSD
Matrix: Solid
Analysis Batch: 135082

Client Sample ID: ABG-01-2-4
Prep Type: Total/NA
Prep Batch: 134690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		42.4	43.39		mg/Kg	☼	102	75 - 125	18	20

Lab Sample ID: MB 480-134691/1-A
Matrix: Solid
Analysis Batch: 135081

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.8	0.36	mg/Kg		08/19/13 16:20	08/20/13 13:44	1

Lab Sample ID: LCSSRM 480-134691/2-A
Matrix: Solid
Analysis Batch: 135081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134691

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	161	151.5		mg/Kg		94.3	70.8 - 129.8

Lab Sample ID: 480-44020-31 MS
Matrix: Solid
Analysis Batch: 135081

Client Sample ID: ABG-07-2-4
Prep Type: Total/NA
Prep Batch: 134691

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.9	J	42.6	44.10		mg/Kg	☼	99	75 - 125

TestAmerica Buffalo

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-44020-31 MSD
Matrix: Solid
Analysis Batch: 135081

Client Sample ID: ABG-07-2-4
Prep Type: Total/NA
Prep Batch: 134691

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	1.9	J	47.4	45.90		mg/Kg	✱	93	75 - 125	4	20

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Metals

Prep Batch: 134690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-1	ABG-01-0-1	Total/NA	Solid	3050B	
480-44020-2	ABG-01-1-2	Total/NA	Solid	3050B	
480-44020-3	ABG-01-2-4	Total/NA	Solid	3050B	
480-44020-3 MS	ABG-01-2-4	Total/NA	Solid	3050B	
480-44020-3 MSD	ABG-01-2-4	Total/NA	Solid	3050B	
480-44020-4	ABG-02-0-1	Total/NA	Solid	3050B	
480-44020-5	ABG-02-1-2	Total/NA	Solid	3050B	
480-44020-6	ABG-02-2-4	Total/NA	Solid	3050B	
480-44020-7	ABG-03-0-1	Total/NA	Solid	3050B	
480-44020-8	ABG-03-1-2	Total/NA	Solid	3050B	
480-44020-9	ABG-03-2-4	Total/NA	Solid	3050B	
480-44020-10	ABG-12-0-1	Total/NA	Solid	3050B	
480-44020-11	ABG-12-1-2	Total/NA	Solid	3050B	
480-44020-12	ABG-12-2-4	Total/NA	Solid	3050B	
480-44020-13	BD-081413	Total/NA	Solid	3050B	
480-44020-14	ABG-11-01	Total/NA	Solid	3050B	
480-44020-15	ABG-11-1-2	Total/NA	Solid	3050B	
480-44020-16	ABG-11-2-4	Total/NA	Solid	3050B	
480-44020-17	ABG-10-0-1	Total/NA	Solid	3050B	
480-44020-18	ABG-10-1-2	Total/NA	Solid	3050B	
480-44020-19	ABG-10-2-4	Total/NA	Solid	3050B	
480-44020-20	ABG-09-0-1	Total/NA	Solid	3050B	
LCSSRM 480-134690/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-134690/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 134691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-21	ABG-09-1-2	Total/NA	Solid	3050B	
480-44020-22	ABG-09-2-4	Total/NA	Solid	3050B	
480-44020-23	ABG-08-0-1	Total/NA	Solid	3050B	
480-44020-24	ABG-08-1-2	Total/NA	Solid	3050B	
480-44020-25	ABG-08-2-4	Total/NA	Solid	3050B	
480-44020-26	ABG-06-0-1	Total/NA	Solid	3050B	
480-44020-27	ABG-06-1-2	Total/NA	Solid	3050B	
480-44020-28	ABG-06-2-4	Total/NA	Solid	3050B	
480-44020-29	ABG-07-0-1	Total/NA	Solid	3050B	
480-44020-30	ABG-07-1-2	Total/NA	Solid	3050B	
480-44020-31	ABG-07-2-4	Total/NA	Solid	3050B	
480-44020-31 MS	ABG-07-2-4	Total/NA	Solid	3050B	
480-44020-31 MSD	ABG-07-2-4	Total/NA	Solid	3050B	
480-44020-32	ABG-05-0-1	Total/NA	Solid	3050B	
480-44020-33	ABG-05-1-2	Total/NA	Solid	3050B	
480-44020-34	ABG-05-2-4	Total/NA	Solid	3050B	
480-44020-35	ABG-04-0-1	Total/NA	Solid	3050B	
480-44020-36	ABG-04-1-2	Total/NA	Solid	3050B	
480-44020-37	ABG-04-2-4	Total/NA	Solid	3050B	
LCSSRM 480-134691/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-134691/1-A	Method Blank	Total/NA	Solid	3050B	

TestAmerica Buffalo

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Metals (Continued)

Analysis Batch: 135081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-21	ABG-09-1-2	Total/NA	Solid	6010B	134691
480-44020-22	ABG-09-2-4	Total/NA	Solid	6010B	134691
480-44020-23	ABG-08-0-1	Total/NA	Solid	6010B	134691
480-44020-24	ABG-08-1-2	Total/NA	Solid	6010B	134691
480-44020-25	ABG-08-2-4	Total/NA	Solid	6010B	134691
480-44020-26	ABG-06-0-1	Total/NA	Solid	6010B	134691
480-44020-27	ABG-06-1-2	Total/NA	Solid	6010B	134691
480-44020-28	ABG-06-2-4	Total/NA	Solid	6010B	134691
480-44020-29	ABG-07-0-1	Total/NA	Solid	6010B	134691
480-44020-30	ABG-07-1-2	Total/NA	Solid	6010B	134691
480-44020-31	ABG-07-2-4	Total/NA	Solid	6010B	134691
480-44020-31 MS	ABG-07-2-4	Total/NA	Solid	6010B	134691
480-44020-31 MSD	ABG-07-2-4	Total/NA	Solid	6010B	134691
480-44020-32	ABG-05-0-1	Total/NA	Solid	6010B	134691
480-44020-33	ABG-05-1-2	Total/NA	Solid	6010B	134691
480-44020-34	ABG-05-2-4	Total/NA	Solid	6010B	134691
480-44020-35	ABG-04-0-1	Total/NA	Solid	6010B	134691
480-44020-36	ABG-04-1-2	Total/NA	Solid	6010B	134691
480-44020-37	ABG-04-2-4	Total/NA	Solid	6010B	134691
LCSSRM 480-134691/2-A	Lab Control Sample	Total/NA	Solid	6010B	134691
MB 480-134691/1-A	Method Blank	Total/NA	Solid	6010B	134691

Analysis Batch: 135082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-1	ABG-01-0-1	Total/NA	Solid	6010B	134690
480-44020-2	ABG-01-1-2	Total/NA	Solid	6010B	134690
480-44020-3	ABG-01-2-4	Total/NA	Solid	6010B	134690
480-44020-3 MS	ABG-01-2-4	Total/NA	Solid	6010B	134690
480-44020-3 MSD	ABG-01-2-4	Total/NA	Solid	6010B	134690
480-44020-4	ABG-02-0-1	Total/NA	Solid	6010B	134690
480-44020-5	ABG-02-1-2	Total/NA	Solid	6010B	134690
480-44020-6	ABG-02-2-4	Total/NA	Solid	6010B	134690
480-44020-7	ABG-03-0-1	Total/NA	Solid	6010B	134690
480-44020-8	ABG-03-1-2	Total/NA	Solid	6010B	134690
480-44020-9	ABG-03-2-4	Total/NA	Solid	6010B	134690
480-44020-10	ABG-12-0-1	Total/NA	Solid	6010B	134690
480-44020-11	ABG-12-1-2	Total/NA	Solid	6010B	134690
480-44020-12	ABG-12-2-4	Total/NA	Solid	6010B	134690
480-44020-13	BD-081413	Total/NA	Solid	6010B	134690
480-44020-14	ABG-11-01	Total/NA	Solid	6010B	134690
480-44020-15	ABG-11-1-2	Total/NA	Solid	6010B	134690
480-44020-16	ABG-11-2-4	Total/NA	Solid	6010B	134690
480-44020-17	ABG-10-0-1	Total/NA	Solid	6010B	134690
480-44020-18	ABG-10-1-2	Total/NA	Solid	6010B	134690
480-44020-19	ABG-10-2-4	Total/NA	Solid	6010B	134690
480-44020-20	ABG-09-0-1	Total/NA	Solid	6010B	134690
LCSSRM 480-134690/2-A	Lab Control Sample	Total/NA	Solid	6010B	134690
MB 480-134690/1-A	Method Blank	Total/NA	Solid	6010B	134690

TestAmerica Buffalo

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

General Chemistry

Analysis Batch: 134517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-44020-1	ABG-01-0-1	Total/NA	Solid	Moisture	
480-44020-2	ABG-01-1-2	Total/NA	Solid	Moisture	
480-44020-3	ABG-01-2-4	Total/NA	Solid	Moisture	
480-44020-4	ABG-02-0-1	Total/NA	Solid	Moisture	
480-44020-5	ABG-02-1-2	Total/NA	Solid	Moisture	
480-44020-6	ABG-02-2-4	Total/NA	Solid	Moisture	
480-44020-7	ABG-03-0-1	Total/NA	Solid	Moisture	
480-44020-8	ABG-03-1-2	Total/NA	Solid	Moisture	
480-44020-9	ABG-03-2-4	Total/NA	Solid	Moisture	
480-44020-10	ABG-12-0-1	Total/NA	Solid	Moisture	
480-44020-11	ABG-12-1-2	Total/NA	Solid	Moisture	
480-44020-12	ABG-12-2-4	Total/NA	Solid	Moisture	
480-44020-13	BD-081413	Total/NA	Solid	Moisture	
480-44020-14	ABG-11-01	Total/NA	Solid	Moisture	
480-44020-15	ABG-11-1-2	Total/NA	Solid	Moisture	
480-44020-16	ABG-11-2-4	Total/NA	Solid	Moisture	
480-44020-17	ABG-10-0-1	Total/NA	Solid	Moisture	
480-44020-18	ABG-10-1-2	Total/NA	Solid	Moisture	
480-44020-19	ABG-10-2-4	Total/NA	Solid	Moisture	
480-44020-20	ABG-09-0-1	Total/NA	Solid	Moisture	
480-44020-21	ABG-09-1-2	Total/NA	Solid	Moisture	
480-44020-22	ABG-09-2-4	Total/NA	Solid	Moisture	
480-44020-23	ABG-08-0-1	Total/NA	Solid	Moisture	
480-44020-24	ABG-08-1-2	Total/NA	Solid	Moisture	
480-44020-25	ABG-08-2-4	Total/NA	Solid	Moisture	
480-44020-26	ABG-06-0-1	Total/NA	Solid	Moisture	
480-44020-27	ABG-06-1-2	Total/NA	Solid	Moisture	
480-44020-28	ABG-06-2-4	Total/NA	Solid	Moisture	
480-44020-29	ABG-07-0-1	Total/NA	Solid	Moisture	
480-44020-30	ABG-07-1-2	Total/NA	Solid	Moisture	
480-44020-31	ABG-07-2-4	Total/NA	Solid	Moisture	
480-44020-31 MS	ABG-07-2-4	Total/NA	Solid	Moisture	
480-44020-31 MSD	ABG-07-2-4	Total/NA	Solid	Moisture	
480-44020-32	ABG-05-0-1	Total/NA	Solid	Moisture	
480-44020-33	ABG-05-1-2	Total/NA	Solid	Moisture	
480-44020-34	ABG-05-2-4	Total/NA	Solid	Moisture	
480-44020-35	ABG-04-0-1	Total/NA	Solid	Moisture	
480-44020-36	ABG-04-1-2	Total/NA	Solid	Moisture	
480-44020-37	ABG-04-2-4	Total/NA	Solid	Moisture	

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-01-0-1

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-1

Matrix: Solid

Percent Solids: 92.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 14:53	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-01-1-2

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-2

Matrix: Solid

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 14:55	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-01-2-4

Date Collected: 08/13/13 09:48

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-3

Matrix: Solid

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 14:58	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-02-0-1

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-4

Matrix: Solid

Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:13	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-02-1-2

Date Collected: 08/13/13 11:46

Date Received: 08/16/13 09:00

Lab Sample ID: 480-44020-5

Matrix: Solid

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:16	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-02-2-4

Lab Sample ID: 480-44020-6

Date Collected: 08/13/13 11:46

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:18	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-03-0-1

Lab Sample ID: 480-44020-7

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:20	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-03-1-2

Lab Sample ID: 480-44020-8

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:22	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-03-2-4

Lab Sample ID: 480-44020-9

Date Collected: 08/13/13 14:08

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:25	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-12-0-1

Lab Sample ID: 480-44020-10

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:27	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-12-1-2

Lab Sample ID: 480-44020-11

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:29	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-12-2-4

Lab Sample ID: 480-44020-12

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:31	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: BD-081413

Lab Sample ID: 480-44020-13

Date Collected: 08/14/13 08:54

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:33	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-11-01

Lab Sample ID: 480-44020-14

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:40	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-11-1-2

Lab Sample ID: 480-44020-15

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:43	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-11-2-4

Lab Sample ID: 480-44020-16

Date Collected: 08/14/13 09:31

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:45	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-10-0-1

Lab Sample ID: 480-44020-17

Date Collected: 08/14/13 10:10

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:47	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-10-1-2

Lab Sample ID: 480-44020-18

Date Collected: 08/14/13 10:10

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:49	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-10-2-4

Lab Sample ID: 480-44020-19

Date Collected: 08/14/13 10:10

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:51	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-09-0-1

Lab Sample ID: 480-44020-20

Date Collected: 08/14/13 12:14

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134690	08/19/13 13:30	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135082	08/20/13 15:54	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-09-1-2

Lab Sample ID: 480-44020-21

Date Collected: 08/14/13 12:14

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 13:53	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-09-2-4

Lab Sample ID: 480-44020-22

Date Collected: 08/14/13 12:14

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 13:56	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-08-0-1

Lab Sample ID: 480-44020-23

Date Collected: 08/14/13 13:11

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 13:58	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-08-1-2

Lab Sample ID: 480-44020-24

Date Collected: 08/14/13 13:11

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 94.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:00	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-08-2-4

Lab Sample ID: 480-44020-25

Date Collected: 08/14/13 13:11

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:02	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-06-0-1

Lab Sample ID: 480-44020-26

Date Collected: 08/15/13 08:57

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:04	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-06-1-2

Lab Sample ID: 480-44020-27

Date Collected: 08/15/13 08:57

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:07	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-06-2-4

Lab Sample ID: 480-44020-28

Date Collected: 08/15/13 08:57

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:09	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-07-0-1

Lab Sample ID: 480-44020-29

Date Collected: 08/15/13 09:25

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:11	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-07-1-2

Lab Sample ID: 480-44020-30

Date Collected: 08/15/13 09:25

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:13	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-07-2-4

Lab Sample ID: 480-44020-31

Date Collected: 08/15/13 09:25

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:20	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-05-0-1

Lab Sample ID: 480-44020-32

Date Collected: 08/15/13 09:40

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:31	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-05-1-2

Lab Sample ID: 480-44020-33

Date Collected: 08/15/13 09:40

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:33	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-05-2-4

Lab Sample ID: 480-44020-34

Date Collected: 08/15/13 09:40

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:35	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-04-0-1

Lab Sample ID: 480-44020-35

Date Collected: 08/15/13 10:00

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 90.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:37	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Client Sample ID: ABG-04-1-2

Lab Sample ID: 480-44020-36

Date Collected: 08/15/13 10:00

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:40	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Client Sample ID: ABG-04-2-4

Lab Sample ID: 480-44020-37

Date Collected: 08/15/13 10:00

Matrix: Solid

Date Received: 08/16/13 09:00

Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			134691	08/19/13 16:20	NMD2	TAL BUF
Total/NA	Analysis	6010B		1	135081	08/20/13 14:46	LMH	TAL BUF
Total/NA	Analysis	Moisture		1	134517	08/16/13 22:15	GTG	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	03-31-14
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13 *

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-44020-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-44020-1	ABG-01-0-1	Solid	08/13/13 09:48	08/16/13 09:00
480-44020-2	ABG-01-1-2	Solid	08/13/13 09:48	08/16/13 09:00
480-44020-3	ABG-01-2-4	Solid	08/13/13 09:48	08/16/13 09:00
480-44020-4	ABG-02-0-1	Solid	08/13/13 11:46	08/16/13 09:00
480-44020-5	ABG-02-1-2	Solid	08/13/13 11:46	08/16/13 09:00
480-44020-6	ABG-02-2-4	Solid	08/13/13 11:46	08/16/13 09:00
480-44020-7	ABG-03-0-1	Solid	08/13/13 14:08	08/16/13 09:00
480-44020-8	ABG-03-1-2	Solid	08/13/13 14:08	08/16/13 09:00
480-44020-9	ABG-03-2-4	Solid	08/13/13 14:08	08/16/13 09:00
480-44020-10	ABG-12-0-1	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-11	ABG-12-1-2	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-12	ABG-12-2-4	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-13	BD-081413	Solid	08/14/13 08:54	08/16/13 09:00
480-44020-14	ABG-11-01	Solid	08/14/13 09:31	08/16/13 09:00
480-44020-15	ABG-11-1-2	Solid	08/14/13 09:31	08/16/13 09:00
480-44020-16	ABG-11-2-4	Solid	08/14/13 09:31	08/16/13 09:00
480-44020-17	ABG-10-0-1	Solid	08/14/13 10:10	08/16/13 09:00
480-44020-18	ABG-10-1-2	Solid	08/14/13 10:10	08/16/13 09:00
480-44020-19	ABG-10-2-4	Solid	08/14/13 10:10	08/16/13 09:00
480-44020-20	ABG-09-0-1	Solid	08/14/13 12:14	08/16/13 09:00
480-44020-21	ABG-09-1-2	Solid	08/14/13 12:14	08/16/13 09:00
480-44020-22	ABG-09-2-4	Solid	08/14/13 12:14	08/16/13 09:00
480-44020-23	ABG-08-0-1	Solid	08/14/13 13:11	08/16/13 09:00
480-44020-24	ABG-08-1-2	Solid	08/14/13 13:11	08/16/13 09:00
480-44020-25	ABG-08-2-4	Solid	08/14/13 13:11	08/16/13 09:00
480-44020-26	ABG-06-0-1	Solid	08/15/13 08:57	08/16/13 09:00
480-44020-27	ABG-06-1-2	Solid	08/15/13 08:57	08/16/13 09:00
480-44020-28	ABG-06-2-4	Solid	08/15/13 08:57	08/16/13 09:00
480-44020-29	ABG-07-0-1	Solid	08/15/13 09:25	08/16/13 09:00
480-44020-30	ABG-07-1-2	Solid	08/15/13 09:25	08/16/13 09:00
480-44020-31	ABG-07-2-4	Solid	08/15/13 09:25	08/16/13 09:00
480-44020-32	ABG-05-0-1	Solid	08/15/13 09:40	08/16/13 09:00
480-44020-33	ABG-05-1-2	Solid	08/15/13 09:40	08/16/13 09:00
480-44020-34	ABG-05-2-4	Solid	08/15/13 09:40	08/16/13 09:00
480-44020-35	ABG-04-0-1	Solid	08/15/13 10:00	08/16/13 09:00
480-44020-36	ABG-04-1-2	Solid	08/15/13 10:00	08/16/13 09:00
480-44020-37	ABG-04-2-4	Solid	08/15/13 10:00	08/16/13 09:00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

Temperature on Receipt _____
Drinking Water? Yes ☐ No ☒

Client GE Arcub		Project Manager Jasen Brien		Date 8/15/13		Chain of Custody Number	
Address Route 129		Telephone Number (Area Code)/Fax Number 315 671 9114		Lab Number		Page 1 of 4	
City Arcub		State PR		Zip Code		Analysis (Attach list if more space is needed)	
Project Name and Location (State) GE Arcub		Site Contact Finnish Buber		Lab Contact		Special Instructions/Conditions of Receipt	
Contract/Purchase Order/Quote No. 6		Carrier/Maybill Number					

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						Special Instructions/Conditions of Receipt				
			Air	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc		NaOH			
ABG-01-04	08-13-13	0948			✓	✓										
ABG-01-1-2	08-13-13	0948			✓	✓										
ABG-01-2-4	08-13-13	0948			✓	✓										
ABG-02-0-1	08-13-13	1146			✓	✓										
ABG-02-1-2	08-13-13	1146			✓	✓										
ABG-02-2-4	08-13-13	1146			✓	✓										
ABG-03-0-1	08-13-13	1408			✓	✓										
ABG-03-1-2	08-13-13	1408			✓	✓										
ABG-03-2-4	08-13-13	1408			✓	✓										
ABG-12-0-1	08-14-13	0954			✓	✓										
ABG-12-1-2	08-14-13	0954			✓	✓										
ABG-12-2-4	08-14-13	0954			✓	✓										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify)
 Turn Around Time Required ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other **Standard**

1. Relinquished By P. Buber	Date 8/15/13	Time 1345	1. Received By Anthony M. TA BUCALO	Date 8/16/13	Time 0900
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments
#3 4.7

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

Client GR ARECIBO	Project Manager Jim Boen	Date 8/15/13	Chain of Custody Number 20130900
Address ROUTE 124	Telephone Number (Area Code)/Fax Number 315-671-9114	Lab Number	
City ARECIBO	Site Contact RAMA BARR	Lab Contact	
State PR	Zip Code		
Project Name and Location (State) GR ARECIBO	Carrier/Maybill Number		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Special Instructions/
Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH
BD-05/14/13	05-14-13	0854									
ABG-11-1-2	05-14-13	0931									
ABG-11-2-4	05-14-13	0931									
ABG-10-0-1	05-14-13	1010									
ABG-10-1-2	05-14-13	1010									
ABG-10-2-4	05-14-13	1010									
ABG-09-0-1	05-14-13	1214									
ABG-09-1-2	05-14-13	1214									
ABG-09-2-4	05-14-13	1214									
ABG-05-0-1	05-14-13	1311									
ABG-05-1-2	05-14-13	1311									



480-44020 Chain of Custody

Possible Hazard Identification	Sample Disposal	QC Requirements (Specify)
☐ Non-Hazard ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other: Standard	☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months ☐ Disposal By Lab (A fee may be assessed if samples are retained longer than 1 month)	1. Received By: Jim Boen Date: 8/16/13 Time: 0900 2. Received By: Jim Boen Date: 8/16/13 Time: 0900 3. Received By: Jim Boen Date: 8/16/13 Time: 0900

Turn Around Time Required	Comments
1. Relinquished By: Jim Boen Date: 8/15/13 Time: 1345 2. Relinquished By: Jim Boen Date: 8/15/13 Time: 1345 3. Relinquished By: Jim Boen Date: 8/15/13 Time: 1345	#3 4.7

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

Chain of Custody Record

TAL-4124 (1007)

Client GE ARECIBO	Project Manager Jason Brien	Date 8/15/13	Chain of Custody Number 61311
Address Route 129	Telephone Number (Area Code)/Fax Number 315 671 9114	Lab Number	Page 3 of 4
City ARECIBO	Site Contact ROMAN BOBER	Analysis (Attach list if more space is needed)	
State PR	Carrier/Waybill Number		
Zip Code			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives				
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH
ABG-03-2-4	08-14-13	1311										
ABG-06-0-1	08-15-13	0937										
ABG-06-1-2	08-15-13	0937										
ABG-06-2-4	08-15-13	0937										
ABG-07-0-1	08-15-13	0935										
ABG-07-1-2	08-15-13	0935										
ABG-07-2-4	08-15-13	0935										
ABG-07-M5/M20	08-15-13	0925										
ABG-05-0-1	08-15-13	0940										
ABG-05-1-2	08-15-13	0940										
ABG-05-2-4	08-15-13	0940										
ABG-04-0-1	08-15-13	1000										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☒ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other Site Related

QC Requirements (Specify)

1. Relinquished By 1355	Date 8/15/13	Time 1345
2. Relinquished By	Date	Time
3. Relinquished By	Date	Time

1. Received By
John TA BUREAU

2. Received By

3. Received By

Comments
43 4.7

TestAmerica

Temperature on Receipt _____

THE LEADER IN ENVIRONMENTAL TESTING

Drinking Water? Yes ☐ No ☒

Client	GE ALLOCITE	Project Manager	Jean Brien	Date	8/15/13	Chain of Custody Number	0000
Address	ROUTE 129	Telephone Number (Area Code)/Fax Number	315 671 9114	Lab Number		Page	4 of 4

City	State	Zip Code	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)				
ARROWB	PA		VERA						
Project Name and Location (State)					Carrier/Vault/ID Number				

Customer Name and Address (Print)	Customer Reference Number	
6011 Atlantic Ave	11111111111111111111	
Contract/Purchase Order/Quote No.		
Containers &		
Special Instructions/ Conditions of Receipt		

Special Instructions/
Conditions of Receipt[illegible]

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify)

Turn Around Time Required		QC Requirements (Specify)				
24 Hours	48 Hours	7 Days	14 Days	21 Days	Other	Standard
1. Relinquished By <i>[Signature]</i>		Date <i>5/15/13</i>	Time <i>1345</i>			
2. Relinquished By		Date	Time			
3. Relinquished By		Date	Time			

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-44020-1

Login Number: 44020

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GE ARECIBO
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-48841-1

Client Project/Site: GE Puerto Rico

For:

ARCADIS U.S. Inc

6723 Towpath Road

Syracuse, New York 13214

Attn: Mr. Jason Brien

Candace L. Fox

Authorized for release by:

11/4/2013 11:26:18 AM

Candace Fox, Project Manager II

(716)504-9844

candace.fox@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Job ID: 480-48841-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-48841-1

Comments

No additional comments.

Receipt

The sample was received on 10/26/2013 11:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5° C.

General Chemistry

No analytical or quality issues were noted.

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Client Sample ID: SC 102513

Lab Sample ID: 480-48841-1

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Client Sample ID: SC 102513

Lab Sample ID: 480-48841-1

Date Collected: 10/25/13 10:00

Matrix: Solid

Date Received: 10/26/13 11:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		11/01/13 00:35	11/01/13 07:29	1

QC Sample Results

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-149058/1-A

Matrix: Solid

Analysis Batch: 149184

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 149058

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		11/01/13 00:35	11/01/13 07:21	1

Lab Sample ID: LCS 480-149058/2-A

Matrix: Solid

Analysis Batch: 149184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 149058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000000	406200		mg/Kg		41	10 - 100

TestAmerica Buffalo

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

General Chemistry

Analysis Batch: 147759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-48841-1	SC 102513	Total/NA	Solid	Moisture	

Prep Batch: 149058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-48841-1	SC 102513	Total/NA	Solid	7.3.3	
LCS 480-149058/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-149058/1-A	Method Blank	Total/NA	Solid	7.3.3	

Analysis Batch: 149184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-48841-1	SC 102513	Total/NA	Solid	9012	149058
LCS 480-149058/2-A	Lab Control Sample	Total/NA	Solid	9012	149058
MB 480-149058/1-A	Method Blank	Total/NA	Solid	9012	149058

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Client Sample ID: SC 102513

Date Collected: 10/25/13 10:00

Date Received: 10/26/13 11:00

Lab Sample ID: 480-48841-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	147759	10/26/13 15:35	GTG	TAL BUF
Total/NA	Prep	7.3.3			149058	11/01/13 00:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	149184	11/01/13 07:29	LAW	TAL BUF

Laboratory References:
TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Method	Method Description	Protocol	Laboratory
9012	Cyanide, Reactive	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: GE Puerto Rico

TestAmerica Job ID: 480-48841-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-48841-1	SC 102513	Solid	10/25/13 10:00	10/26/13 11:00

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-48841-1

Login Number: 48841

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stau, Brandon M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	general electric
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	