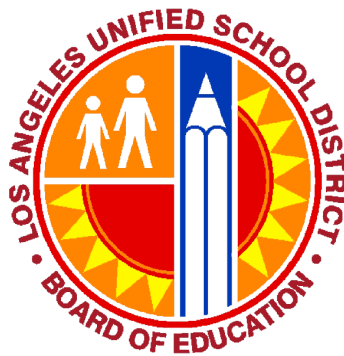


***PRELIMINARY ENDANGERMENT
ASSESSMENT – EQUIVALENT REPORT***

***RESEDA HIGH SCHOOL
COMPREHENSIVE MODERNIZATION
PROJECT
18230 KITTRIDGE STREET
RESEDA, CALIFORNIA 91335***



Prepared for

**Los Angeles Unified School District
Office of Environmental Health and Safety
333 South Beaudry Avenue, 21st Floor
Los Angeles, California 90017**

August 7, 2018

Prepared by

PARSONS 100 WEST WALNUT STREET • PASADENA • CALIFORNIA 91124

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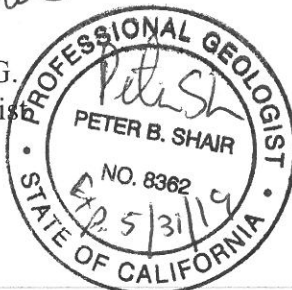

Justin King
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8/7/2018
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8/7/18
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ACRONYMS

AIN	Assessors Identification Number
AOCs	Areas of Concern
bgs	below ground surface
CMP	Comprehensive Modernization Project
cc/min	cubic centimeters per minute
CoC	Chain of Custody
COC	Chemical of Concern
DOGGR	Department of Conservation of Oil, Vapor and Geothermal Resources
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources
ELAP	Environmental Laboratory Accreditation Program
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
HHSE	Human Health Screening Evaluation
ft	feet
kg/dl	kilograms per deciliter
IDW	investigation derived waste
LAUSD	Los Angeles Unified School District
LBP	Lead Based Paint
mg/kg	milligrams per kilogram
ND	Non-detect
OCP	Organochlorine Pesticides
PCBs	Polychlorinated biphenyl's
PCE	tetrachloroethene
PEA-E	Preliminary Endangerment Assessment – Equivalent
pg/g	picograms per gram
p/L	picocuries per liter
PSL	Preliminary Screening Level
QA/QC	quality assurance/quality control
RAW	Removal Action Workplan
RCRA	Resource Conservation and Recovery Act
RECs	Recognized Environmental Conditions
Report	Preliminary Endangerment Assessment – Equivalent Report
RSL	Risk Based Screening Level
Site	Reseda High School
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leaching Procedure

TPH	Total Petroleum Hydrocarbons
USGS	United States Geological Survey
UCL	Upper Confidence Limit
µg/L	micrograms per liter
µg /m ³	micrograms per cubic meter
Work Plan	Preliminary Endangerment Assessment – Equivalent Work Plan
VOCs	volatile organic compounds
2,3,7,8-TCDD	2,3,7,8-tetrachlorodibenzodioxin

EXECUTIVE SUMMARY

This document presents the results of a *Preliminary Endangerment Assessment – Equivalent Report* (Report) conducted in support of a Comprehensive Modernization Project (CMP) for the Los Angeles Unified School District's (LAUSD) Reseda High School (Site). This report has been prepared for LAUSD to present a summary of the sampling and analysis activities conducted for the proposed CMP on the school campus, located at 18230 Kittridge Street, Reseda, California.

The Preliminary Endangerment Assessment-Equivalent (PEA-E) was conducted to assess environmental conditions at selected areas within the CMP footprint, identified by Ninyo & Moore's Phase 1 conducted in 2017, prior to the beginning of demolition, modernization and construction activities. Ninyo & Moore identified existing Recognized Environmental Conditions (RECs), historical RECs and controlled RECs at the Site. The PEA-E was conducted in accordance with the PEA-E Work Plan (Work Plan) that was prepared by Ninyo & Moore on behalf of LAUSD. It was also conducted in accordance with applicable regulatory guidance, including the *Preliminary Environmental Assessment Guidance Manual* prepared by the California Department of Toxic Substances Control (DTSC).

The Work Plan identified the following five areas of concern (AOCs);

- AOC1 - Lead-based paint, OCPs and PCBs may be present in shallow soil based on the age of the current site buildings. Arsenic may be present in shallow soil due to LAUSD's former standard practice of applying herbicides for weed control containing metal prior to paving.
- AOC2 - Potential impacts in shallow soil from PCBs near the on-site pad-mounted transformer that was installed prior to 1979.
- AOC3 - Potential impacts in shallow soil from dioxins and furans near the existing (inactive) incinerator that was previously used to burn solid waste.
- AOC4 – Potential impacts in soil from TPH, metals, PCBs and VOCs near the inactive clarifier associated with the former automotive shop adjacent to the Industrial Arts Building. Evaluate potential impacts in soil vapor from VOCs near the clarifier.
- AOC5 – Potential impacts in soil vapor from VOCs near the suspected location of historical spray paint booths.

At AOC1, soil from 107 initial boring locations was analyzed for lead and arsenic to a maximum depth of 3.5-feet (ft) below ground surface (bgs). Soil from 10% of the initial borings at 0.5-ft bgs was analyzed for PCBs. Soil samples from 0.5-ft bgs were composited by the analytical laboratory and analyzed for OCPs. Each sample was a composite of soil from 0.5 ft bgs in four to six adjacent borings or borings surrounding a building. Based on the analytical results ninety-two step-out borings to a maximum depth of 3.5-ft bgs were completed to delineate arsenic exceedances and

four step-out borings to a maximum depth of 2.5-ft bgs were completed to delineate lead exceedances in soil.

At AOC2, soil from two borings was analyzed for PCBs to a maximum depth of 0.5-ft bgs.

At AOC3, soil from one boring was analyzed for dioxins and furans to a maximum depth of 0.5-ft bgs.

At AOC4, soil from two initial boring locations was analyzed for VOCs, TPH, PCBs, and Title 22 Metals to a maximum depth of 5-ft bgs. Soil vapor probes were installed and analyzed for VOCs at 5- and 15-ft bgs at the two initial boring locations. Based on the soil vapor analytical results soil vapor probes were installed and sampled for VOCs at 5- and 15-ft bgs at eleven step-out boring locations to delineate PCE. Three sub-slab soil vapor probes were also installed within the western portion of the industrial arts building to evaluate VOCs immediately beneath the foundation slab.

At AOC5 soil vapor probes were installed at 5- and 15-ft bgs at two boring locations. The soil vapor probes were sampled and analyzed for VOCs.

The following conclusions were derived from the soil and soil vapor sampling and analyses conducted at the Reseda High School:

- PCBs were not detected above their respective laboratory reporting limits in any of the soil or soil vapor samples analyzed. Therefore, PCBs are not considered a Site chemical of concern (COC).
- Five OCPs (4,4'-DDD, 4,4'-DDE, 4,4'-DDT, chlordane, and dieldrin) were detected above their respective reporting limits in one or more composite soil samples. OCP concentrations were all below preliminary screening levels (PSLs); therefore, OCPs are not considered Site COCs.
- The measured concentrations of dioxins/furans in the soil samples did not exceed PSLs. Therefore, dioxins and furans are not considered a Site CoC.
- TPH-g and TPH-d were not detected in the soil samples collected at the Site. TPH-o was detected above the laboratory reporting limit in eleven soil samples but was below the PSLs. Therefore, TPHs are not considered Site COCs.
- Title 22 metals were below PSLs except for arsenic and lead.
- Lead results from soil samples collected in the proposed development areas are below the PSL (80 mg/kg) in 103 of the 107 initial boring locations. The highest exceedance of lead was 170 mg/kg at location AOC1-B6 at 0.5 ft bgs. Step-down and lateral step-out sampling was conducted until the detected lead concentrations were less than the PSL of 80 mg/kg, a building foundation was reached, access was limited, or a subsurface utility was encountered.
- Arsenic results from soil samples collected in the proposed development area are below the PSL (12 mg/kg) in 95 of the 107 initial boring locations. The highest exceedance of

arsenic at the initial sample locations was 32 mg/kg at AOC1-B10 at 0.5-ft bgs. Step-down and lateral step-out sampling was conducted until the detected arsenic concentrations were less than the PSL of 12 mg/kg, a building foundation was reached, access was limited, or a subsurface utility was encountered.

- An estimated 266 cubic yards of soil are impacted by lead and/or arsenic based on the results of the field investigation. Approximately 261 cubic yards can be managed as non-hazardous waste and approximately 5 cubic yards can be managed as non-RCRA hazardous waste.
- PCE was detected above the current PSL in soil vapor at 5- and 15-ft bgs at AOC4-SV1, AOC4-SV3, AOC4-SV4, AOC4-SV8, AOC4-SV10 and AOC4-SV11. PCE was detected above the current PSL in soil vapor at sub-slab locations AOC4-SS1, AOC4-SS2 and AOC4-SS3. The elevated PCE soil-vapor impact has been delineated to the west by AOC4-SV6 and AOC4-SV9; to the east by AOC4-SV5; to the south by AOC4-SV12, and; to the north by AOC4-SV13. PCE in soil vapor is likely to represent a potential risk at the Site.
- Benzene was detected above the current PSL in soil vapor at 15-ft bgs at AOC4-SV12, but benzene was not detected in the 5 ft bgs sample at the same location. This likely indicates that benzene is degrading as it migrates through the soil column and that benzene in soil vapor at AOC4-SV12 does not represent a potential risk. Benzene was detected above the current PSL in soil vapor at sub-slab locations AOC4-SS1, AOC4-SS2 and AOC4-SS3. Overall, benzene in sub-slab soil vapor at the Site does indeed exceed PSLs but is only likely to represent a slight risk above background exposures.

The following are recommendations based on the above conclusions:

- A Removal Action Workplan (RAW) should be developed for the Site to address shallow soils impacted with lead and/or arsenic.
- The RAW should also address PCE and benzene soil vapor impacts above the current PSLs.

1.0 INTRODUCTION

This document presents the results of a *Preliminary Endangerment Assessment – Equivalent Report* (Report) conducted in support of a Comprehensive Modernization Project (CMP) for the Los Angeles Unified School District’s (LAUSD) Reseda High School (Site). This report has been prepared for LAUSD to present a summary of the sampling and analyses activities conducted for the proposed CMP on the school campus, located at 18230 Kittridge Street, Reseda, California (**Figure 1**). **Figure 2** shows the area of the high school subject to the CMP and the buildings/portable trailers that will be removed.

The Preliminary Endangerment Assessment-Equivalent (PEA-E) was conducted to assess environmental conditions at selected areas within the CMP footprint prior to the beginning of demolition, modernization and construction activities. LAUSD commissioned Ninyo & Moore to prepare a Phase 1 Environmental Site Assessment (ESA) for the Site (Ninyo & Moore, 2017a). Based on the findings of the ESA, LAUSD recommended that a PEA-E be performed at the Site.

The PEA-E was conducted in accordance with the Preliminary Environmental Assessment-Equivalent Work Plan (Work Plan) that was prepared by Ninyo & Moore on behalf of LAUSD (Ninyo & Moore, 2017b). It was also conducted in accordance with applicable regulatory guidance, including the *Preliminary Environmental Assessment Guidance Manual* (DTSC, 2015a) prepared by the California Department of Toxic Substances Control (DTSC). Field work was conducted in areas within the planned CMP footprint including Site buildings, a pad-mounted transformer, an existing (non-operational) incinerator, an existing (non-operational) clarifier, and historical paint booths. The field program included soil and soil vapor sampling and analyses. A human health screening evaluation (HHSE) was conducted for the Site based on the soil and soil vapor analytical data generated during the field investigation.

1.1 PEA-E OBJECTIVES

The objective of the PEA-E was to document subsurface environmental conditions at the Site and assess potential human health risks based on the analytical data generated during the field investigation. Specific objectives of the PEA-E are presented below.

- Investigate Areas of Concern (AOCs) identified in the Work Plan (Ninyo & Moore, 2017b) based on recognized environmental conditions (RECs) stated in the ESA (Ninyo & Moore, 2017b).
- Evaluate potential health risk to students and faculty in the subsurface that will be disturbed during the proposed construction activities.

- Evaluate the general extent of soil and soil vapor impacts in order to determine immediate potential health threats, and to scope future impacted media removal and remediation actions.

1.2 SCOPE OF WORK

The PEA-E scope of work consisted of the following:

- Preparation and distribution of an English and Spanish fieldwork notice. The fieldwork notice was distributed to line-of-sight neighbors, faculty, parents of Reseda High School students and posted on the school fence line.
- Notification of planned subsurface investigation to DigAlert. Locations were marked in the field using chalk-based paint and a geophysical survey was conducted prior to advancement of soil borings.
- Preparation of a Site-Specific Health and Safety Plan.
- Implementation of the Work Plan (Ninyo & Moore, 2017b) as follows:
 - Completion of 115 soil borings (AOC1-B1 through AOC1-B115) to a maximum depth of 2.5-feet (ft) below ground surface (bgs) to evaluate potential impacts in shallow soil from lead-based paint (LBP), arsenic, organochlorine pesticides (OCPs), and polychlorinated biphenyls (PCBs) near the Site buildings. Per the Work Plan, 10% of the samples were analyzed for PCBs and four to six samples were composited for OCP analysis. The 0.5-ft depth soil sample was analyzed and the step-down samples at 1.5-ft and 2.5-ft depths were placed on hold at the analytical laboratory. Multiple step-out sampling events were conducted based on exceedances encountered during the primary sample event.
 - Completion of two soil borings (AOC2-B1 and AOC2-B2) to a depth of 2.5-ft bgs to evaluate potential impacts in shallow soil from PCBs near a pad-mounted transformer. The 0.5-ft depth sample was analyzed and the step-down samples at 1.5-ft and 2.5-ft were placed on hold.
 - Completion of one soil boring (AOC3-B1) to a depth of 2.5-ft bgs to evaluate potential impacts in shallow soil from dioxins and furans near an existing (non-operational) incinerator. The 0.5-ft sample was analyzed and the step-down samples at 1.5-ft and 2.5-ft were placed on hold.
 - Completion of two soil borings (AOC4-B1 and AOC4-B2) to depth of 15-ft bgs to evaluate potential impacts in soil from total petroleum hydrocarbon (TPH), Title 22 Metals, PCBs, and volatile organic compounds (VOCs) near an existing (non-operational) clarifier. The 5-ft depth soil sample was analyzed, and the 10-ft and 15-ft samples were placed on hold.
 - Installation of two dual-nested soil vapor probes (AOC4-SV1 and AOC4-SV2) at depths of 5- and 15-ft bgs near the AOC4 boring locations to evaluate potential impacts in soil vapor from VOCs near the clarifier. The dual-nested soil vapor probes were purged and sampled by a certified mobile laboratory. Three subsequent step-out probe

- installation and vapor sampling events were conducted based on the vapor data generated during the initial vapor sample event.
- Installation of two dual-nested soil vapor probes (AOC5-SV1 and AOC5-SV2) at depths of 5- and 15-ft bgs to evaluate potential impacts in soil vapor from VOCs near suspected locations of historical spray paint booths. The dual nested soil vapor probes were purged and sampled by a mobile lab.
 - Conducted a human health screening evaluation based on the analytical data generated during the field investigation.
 - Preparation of the PEA-E Report.

2.0 SUMMARY OF SITE BACKGROUND

2.1 SITE DESCRIPTION

The Site is located at 18230 Kittridge Street, Reseda, CA 91335. The campus is bound to the south by Victory Boulevard and the Los Angeles River, Etiwanda Avenue to the west, Kittridge Street to the north, and Lindley Avenue to the east (**Figure 1**). The property is identified by the Los Angeles County Assessor's Office with Assessor's Identification Number (AIN) 2124-001-904. The approximate size of the school is 29.15 acres. The school was established in 1955.

The Site is developed with buildings associated with Reseda High School (**Figure 2**). There are currently sixteen permanent and portable classroom structures, athletic fields, and playground areas. The Site vicinity is primarily occupied by single-family residential structures to the north and east, bound by Reseda Park to the west and the Los Angeles River to the south.

2.2 SITE BACKGROUND

The results of the historical research for the Site conducted by Ninyo & Moore indicate that the Site consisted of agricultural land with some structures in the northeast corner from the 1920s to 1954/1955, when the Site was first developed with school buildings/improvements (Ninyo & Moore, 2017a). Based on aerial photographs additional structures were added to the Site as follows: 1) structures were added to the southwest portion of the Site between 1995 and 2002; 2) structures were added to the northeast portion of the Site between 2002 and 2005; and 3) structures were added to the southeast portion of the Site between 2005 and 2009. The Site address has been listed as Reseda High School since 1956. Grey Continuation High School is also listed as an occupant at the same address.

2.3 ADJACENT PROPERTY HISTORY

The adjacent properties were agricultural and/or undeveloped land since the 1920s. Reseda Park was established west of the Site in the 1940s. Residential structures first appear near the Site in the 1920s. Large residential communities were built to the north and east of the Site in the 1950s. Heavy residential development to the south of the Site, on the other side of the Los Angeles River, first appear in the 1960s. A summary of the off-site properties/facilities that Ninyo & Moore evaluated for potential impact to soil and/or groundwater at the Site can be found in the ESA (Ninyo & Moore, 2017a).

2.4 PHASE 1 ESA (2017)

A Phase 1 ESA was performed at the Site by Ninyo & Moore in 2017. Ninyo & Moore identified existing RECs, historical RECs and controlled RECs were identified at the Site. The ESA included a review of the physical setting and background information, a site reconnaissance to visually

observe Site conditions, a review of regulatory agency databases (federal, state, tribal and local), an Environmental Data Resources (EDR) standard environmental database search report, historical research (aerial photographs, topographic maps, Sanborn maps, building department records, etc.), a preliminary vapor encroachment screening to evaluate the potential for vapor encroachment conditions, and an interview with the property owner representative regarding the environmental status of the Site. No other significant assumptions were made during the presentation of the report (Ninyo & Moore, 2017a).

The ESA concluded the following:

- The former agricultural use with some structures in the northeast portion of the Site.
- One existing but inactive clarifier associated with the former automotive shop adjacent to the south of the Industrial Arts building (including a potential vapor encroachment condition).
- The former presence of spray paint booths on-site (including a potential vapor encroachment condition) based on the potential for releases from former leaks.
- Based on the former use of the incinerator to burn solid wastes, the likely presence of burnt material surrounding the incinerator.
- Based on the age of the current Site buildings, persistent termiticides (organochlorine pesticides or OCPs) and lead (from LBP) may be present in shallow soil around building foundations.
- PCB-containing materials may be present from the on-site pad mounted transformer installed prior to 1979.
- Arsenic in shallow soil underneath AC pavement may be present due to the LAUSD's former standard practice of applying herbicides containing this metal prior to paving.
- Based on the results of the vapor encroachment screening matrix (VESM) and information obtained during this Phase I ESA, a vapor encroachment condition (VEC) cannot be ruled out beneath the site.

The ESA recommended additional environmental assessment for the Site based on the findings, including; 1) assess PCBs, OCPs, arsenic, and lead in shallow soil at locations that future construction is planned; and 2) conduct soil and soil vapor investigations near the inactive clarifier, former spray booths, or incinerator if construction or demolition activities are planned in these areas.

2.5 PEA-E WORK PLAN (2017)

A PEA-E work plan was prepared by Ninyo and Moore in 2017 to evaluate the RECs that were reported in the ESA. The scope of work presented in the work plan consisted of collecting soil and soil vapor samples in areas of planned demolition, modernization, and construction activities associated with the CMP. The work plan was prepared to outline the field procedures and sampling and analysis program that would be used to conduct the PEA-E investigation at the Site. The PEA-E Work Plan was approved by LAUSD and is presented in **Appendix A**.

3.0 ENVIRONMENTAL SETTING

The information presented in this section is partially summarized from the ESA Report previously prepared for the Site (Ninyo & Moore, 2017a).

3.1 REGIONAL PHYSIOGRAPHIC SETTING

3.1.1 Topographic Setting

According to the 2012 United States Geological Survey (USGS) Los Angeles Quadrangle, the center of the school has an approximate latitude (North) of 34.188711 and longitude (West) of -118.529365. The school elevation is on average approximately 725 feet above mean sea level. The subject school property is essentially flat, with a slight surface gradient toward the east/southeast.

3.1.2 Nearest Surface Water Body

The nearest surface water body to the school is the Reseda Park Lake, located approximately 500 feet west of the western edge of the school property. A concrete-lined portion of the Los Angeles River channel is adjacent to the southern property line of the school. The Los Angeles River flows southeast toward the Pacific Ocean.

3.2 REGIONAL GEOLOGY

The 1992 Dibblee Geological Foundation Map “DF-36 Geologic Map of the Oat Mountain and Canoga Park (north ½) Quadrangle” shows the school property and surrounding vicinity to be underlain with alluvium (Qa) consisting of alluvial gravel, sand and clay of valley and floodplain areas.

3.2.1 Nearest Known Earthquake Faults

The nearest fault to the school site is the Northridge Fault, which is greater than six miles away.

3.2.2 Potential for Liquefaction and Landslides

According to the State of California Special Studies Zones Canoga Peak Quadrangle Map (Dated February 1, 1998) from the California Department of Conservation, the school property is within a liquification zone. These zones are classified as “areas where historical occurrence of liquefaction, or local geological, geotechnical and groundwater conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.” The school property does not fall within an identified earthquake-induced landslide zone.

According to the City of Los Angeles Planning Department’s ZIMAS interactive mapping tool (<http://zimas.lacity.org>) accessed on February 23, 2018, the school property is within a potentially liquefiable zone. This is based on soil type and historical depth to groundwater, not site-specific

investigation. The school property is not within a potential landslide area per the City of Los Angeles ZIMAS database.

3.2.3 Potential for Flooding

The school property is not located within a designated 100-year or 500-year flood plain, according to the City of Los Angeles' Flood Hazard Map, dated August 9, 2016 (Prepared by Land Development & GIS Division, Bureau of Engineering, Dept. of Public Works).

3.2.4 Radon

The California Geologic Survey's Radon Potential Zone Map (prepared for the California Department of Health Services, Environmental Health Division, for Southern Los Angeles County dated January 2005) indicates the school property is within an area estimated to have low potential for indoor radon levels above 4.0 Picocuries per liter (P/L). Radon information for Los Angeles County indicates that the United States Environmental Protection Agency (USEPA) has categorized Los Angeles County as Zone 2 for radon. A Zone 2 classification is for areas with indoor average radon levels of greater than or equal to 2 P/L, but less than or equal to 4 P/L. The USEPA radon recommended action level is 4 P/L.

3.2.5 Methane

According to the City of Los Angeles Planning Department's ZIMAS interactive mapping tool (<http://zimas.lacity.org>) accessed on February 23, 2018, the school property is not identified as or within a Methane Hazard Site (LAPD, 2018).

3.2.6 Oil Fields and Wells

No known oil wells are located on-Site or adjacent to the school property per State of California Department of Conservation Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System (<https://maps.conservation.ca.gov/doggr/wellfinder/#close>). A review of the DOGGR oil well tracking maps (accessed February 23, 2018) did not identify any oil wells or natural gas fields located on the school property. The closest oil well is located approximately more than one mile south/southeast of the school property. This nearest well is listed as plugged oil & gas well #1, API: 03705841; the well's former operator was San-Val Oil Co. Ltd. The next nearest well is greater than two miles to the northeast of the school property.

Additionally, according to the Oil Wells, Oil Fields and Landfill Sites Map produced by the City of Los Angeles, Bureau of Engineering (2007), the school property is not located within a boundary of a productive oil field.

3.3 REGIONAL HYDROGEOLOGY

3.3.1 Groundwater Flow Direction

State of California's Geotracker database (accessed on February 23, 2018) nearest monitoring wells are associated with a closed environmental case (Leon Automotive Center at 18102 Victory Boulevard, which is several hundred feet south of the school property, across Victory Boulevard to the south) which was granted closure by the Los Angeles Regional Water Quality Control Board

in 2016. The groundwater flow direction as determined in 2011 and 2012, by others during groundwater gauging, was toward the east. The nearest hydrogeologic data to the school property, provided in the EDR GeoCheck Report, is approximately $\frac{3}{4}$ -mile northwest and across the Los Angeles River, and would not be considered representative of hydrogeologic conditions beneath the school property. The hydrogeologic information provided in the EDR GeoCheck report for properties listed in the vicinity (1/2- to 1 mile) of the school property suggest that groundwater flow direction may be southwest or northwest; no gradients are reported. Review of documents on the Geotracker website for nearby sites with groundwater flow direction and gradient information indicates that approximately 600 yards east of the school property, a formerly open leaking UST case “Vega Auto Service” at 1869 East 1st Street had a southeast groundwater flow direction at their property in 2008, and south/southwest from about 2009 through 2011 when case closure was granted by the RWQCB. The last gradient measured in November 2011 was 0.003 ft/ft.

3.3.2 Groundwater Wells Within a 1-Mile Radius of the School Property

The nearest groundwater well identified in the County of Los Angeles Department of Public Works production well location database (accessed February 23, 2018) is active well #3670, located near the intersection of Hartland Street and Hesperia Avenue, approximately 1,575 feet north/northeast of the school property. The most recent depth to water measurement was 66.70 feet below grade, on September 30, 2008. The next nearest well is active well #3681A, which had a reported depth to water measurement of 33 feet below grade, measured on May 27, 2015. This well is located more than 4,000 feet to the east of the school property, in the Sepulveda Flood Control District property.

State of California’s Geotracker database (accessed on February 23, 2018) nearest monitoring wells are associated with a closed environmental case (Leon Automotive Center at 18102 Victory Boulevard, which is several hundred feet south of the school property, across Victory Boulevard to the south) which was granted closure by the Los Angeles Regional Water Quality Control Board in 2016. Depth to water was approximately 30 feet below ground surface prior to the well abandonment.

4.0 AREAS OF CONCERN (AOCs)

The PEA-E field investigation was conducted to evaluate RECs identified in the Phase 1 ESA and the following five AOCs identified in the Work Plan:

- **AOC1** – Evaluate potential impacts in shallow soil from lead-based paint, arsenic, OCPs, and PCBs around foundations of structures that will be removed as part of the planned CMP. Lead-based paint, OCPs and PCBs may be present in shallow soil based on the age of the current site buildings. Arsenic may be present in shallow soil due to LAUSD's former standard practice of applying herbicides for weed control containing metal prior to paving.
- **AOC2** – Evaluate potential impacts in shallow soil from PCBs near the on-site pad-mounted transformer that was installed prior to 1979.
- **AOC3** – Evaluate potential impacts in shallow soil from dioxins and furans near the existing (inactive) incinerator that was previously used to burn solid waste.
- **AOC4** – Evaluate potential impacts in soil from TPH, metals, PCBs and VOCs near the inactive clarifier associated with the former automotive shop adjacent to the Industrial Arts Building. Evaluate potential impacts in soil vapor from VOCs near the clarifier.
- **AOC5** – Evaluate potential impacts in soil vapor from VOCs near the suspected location of historical spray paint booths.

5.0 SAMPLING ACTIVITIES

The following sections describe the sampling strategy, methods and procedures, sample handling, decontamination procedures, and management of investigation-derived waste (IDW) for the field investigation. Soil sampling and soil vapor probe installation was conducted December 18–December 22, 2017, and on February 19th and 24th, March 26, and May 12, 2018. Soil vapor sampling was conducted on January 3, February 27, April 21, and May 22, 2018.

Site access and fieldwork notifications to school administrative personnel were coordinated with the LAUSD-OEHS Project Manager, the LAUSD Complex Project Manager, and the Reseda High School Plant Manager. The following subcontractors supported the fieldwork: Pacific Coast Locators (subsurface utility clearance), Rice General (concrete coring and hand augering), Gregg Drilling (direct push soil sampling and soil vapor probe installation), Jones Environmental (soil vapor sample collection/analysis), and Belshire Environmental Services, Inc. (IDW transport and disposal).

5.1 SAMPLING STRATEGY

The PEA field program consisted of soil and soil vapor sampling to investigate the RECs at the AOCs identified in Section 4. The sample locations proposed in the Work Plan, sample depths, analytical parameters, and sample location rationale are presented in **Table 1**. A description of the sample locations and analytical parameters completed at each AOC is provided below; sample locations are shown on **Figures 3 - 7**:

AOC1– A total of 107 of the originally 115 proposed soil borings were initially completed around the exterior of the buildings within the footprints of future redevelopment activities. Eight of the originally proposed borings could not be completed as detailed in Section 7. Soil samples were collected from depths of 0.5-, 1.5-, and 2.5-ft bgs at each boring and either analyzed for lead and arsenic or archived by the laboratory. The step-down samples at 1.5-ft and 2.5-ft were analyzed if there was an exceedance of a screening level at 0.5-ft. The 1.5-foot and 2.5-foot sample was analyzed at twelve initial boring locations for arsenic and at four initial boring locations for lead. Additional step-down samples were collected and analyzed at 3.5-ft bgs due to an exceedance at 2.5-ft bgs at two of the initial boring locations.

Step-out soil sampling was conducted based on an exceedance of the screening criteria for lead and/or arsenic. In general, step-out soil samples were collected 5-ft and 10-ft in each direction from the initial soil sample exceedance unless there was a sample restriction (i.e., utility trench, fence line, building, or raised planter). The direction of the step-out soil sample was identified in the sample identification with a N for north, S for south, E for east and W for west. The step-out soil samples were only analyzed for the same compound as the initial sample exceedance compound.

A total of 80 step-out soil borings were advanced to delineate arsenic at the 12 initial locations in which there was an arsenic exceedance. A total of 22 step-out borings were advanced to delineate lead at the four initial location in which there was a lead exceedance. Samples were collected at each step-out boring at 0.5-, 1.5-, and 2.5-ft bgs and either analyzed for lead or arsenic or archived by the laboratory. Samples at the step-out boring locations were analyzed down to the depth of the initial sample depth with an exceedance. If there was an exceedance in a shallow sample (i.e., 0.5-ft bgs) at a step-out location the step-down samples at that step-out location were analyzed until no exceedances were detected.

A total of 10% of the initial soil samples collected at 0.5-ft bgs were analyzed for PCBs. Soil samples from 0.5-ft bgs were composited by the analytical laboratory and analyzed for OCPs. Each sample was a composite of soil from 0.5-ft bgs in four to six adjacent borings or borings surrounding a building.

AOC2 - Two soil borings were completed adjacent to the pad-mounted transformer. Soil samples were collected from depths of 0.5-, 1.5-, and 2.5-ft bgs at each boring and either analyzed for PCBs or archived by the laboratory.

AOC3 – One soil boring was collected near the inactive incinerator. Soil samples were collected from depths of 0.5-, 1.5-, and 2.5-feet bgs and either analyzed for dioxins and furans or archived by the laboratory.

AOC4 – Two borings were initially completed near the inactive clarifier. The borings were advanced to a total depth of 16-ft bgs. Soil samples were collected from depths of 5.0-, 10.0-, and 15.0- ft bgs at each boring and either analyzed for TPHs, Title 22 Metals, PCBs and VOCs or archived by the laboratory.

The two AOC4 soil borings were converted to soil vapor probe sampling locations. Soil vapor probes were installed at 5- and 15-ft bgs. A mobile laboratory sampled and analyzed soil vapor samples from the probes for VOCs.

Ten additional soil vapor probe locations were installed in step-out locations and sampled, based on the results of the initial sampling event, which had an exceedance of the DTSC's residential soil vapor screening criteria for tetrachloroethene (PCE) at location AOC4-SV1. Soil vapor probes were installed at 5- and 15-ft bgs at each location and soil vapor was sampled and analyzed by a mobile laboratory for VOCs. Soil samples were collected at seven of the ten additional vapor probe boring locations at 5- and 15-feet bgs and analyzed for TPH, PCBs and VOCs.

Three sub-slab soil vapor probes were installed within the western portion of the industrial arts building to evaluate VOCs immediately beneath the foundation slab.

AOC5 – Two soil vapor probe locations were completed near suspected (Ninyo & Moore, 2017a) locations of historical spray paint booths. Soil vapor probes were installed at 5- and 15-ft bgs. A mobile laboratory sampled and analyzed soil vapor samples from the vapor probes for VOCs.

5.2 PRELIMINARY SCREENING LEVELS

Analytical results for the soil and soil vapor samples were compared with risk-based screening levels to determine if the analytes are present at the Site at concentrations that may represent a potential health risk. The derivation of the screening levels used for the various chemical constituents is described in the following sub-sections. The screening levels are referred to here and after as PSLs (preliminary screening levels).

5.2.1 Screening Levels For Soil

For direct exposures to soils, the DTSC's (2015a) *Preliminary Endangerment Assessment Manual* states that risk-based screening levels used should be "the USEPA Regional Screening Level (RSL) for residential land use, modified as necessary by the DTSC in HHRA Note 3." Thus, the screening levels used here are, in general, the USEPA RSLs (2018) unless DTSC (2018) has published a screening value of its own, termed the DTSC-SLs. Chemicals with special considerations are discussed in more detail below.

Arsenic: The residential risk-based screening levels from USEPA (2018) and DTSC (2018) of 0.68 and 0.11 milligrams per kilogram (mg/kg) are well below background concentrations. Therefore, several toxicologists at DTSC (Chernoff et al. 2008) conducted a statistical evaluation of background data for arsenic in soils from Los Angeles, Orange, Riverside, San Bernardino, and San Diego Counties to derive an upper bound background threshold value for arsenic. Based on an evaluation of 1,086 data points, the authors derived a background threshold value for arsenic of 12 mg/kg, which is used here as the arsenic screening level.

Lead: Adverse health effects associated with exposure to lead have been correlated with concentrations of lead in whole blood. Although USEPA uses 10 micrograms per deciliter (µg/dl) as the threshold level of concern, California (OEHHA 2007) uses 1 µg/dl. A screening level of 80 mg/kg protective of a 90th percentile estimate of 1 µg/dl blood lead concentration in children was calculated by Cal EPA (OEHHA 2009), which is used by DTSC (2018). This standard represents the concentration of lead in soil that will result in a 90th percentile estimate of a 1 µg/dl increase in blood lead in the most sensitive receptor (i.e., child or fetus). DTSC (2018) states that individual samples may exceed 80 mg/kg, as long as the 95% UCL is below 80 mg/kg and hot spots are not present.

Dioxins/furans: Of the dioxin/furan congeners measured via USEPA Method 8290, toxicity data is only available for 2,3,7,8-tetrachlorodibenzodioxin (2,3,7,8-TCDD). However, the carcinogenicity of the other congeners relative to 2,3,7,8-TCDD is known. Therefore, the measured concentrations of dioxins/furan congeners in a sample are converted to a 2,3,7,8-TCDD

equivalent concentration using the toxicity equivalence factors in USEPA (2010) guidance and compared to the USEPA (2018) residential RSL, as modified by the DTSC (2018). In this conversion, nondetected congeners are represented by a zero.

OCPs: In general, the USEPA (2018) residential RSLs, as modified by the DTSC (2018) residential SLs, were used. However, as the soil samples analyzed for pesticides were composited from six individual samples, the screening levels were divided by six to ensure that no pesticides may have been present in any of the increments that were composited above the screening levels.

Petroleum hydrocarbons: Neither DTSC (2018) nor USEPA (2018) provide risk-based screening levels for petroleum hydrocarbons as measured by USEPA 8015. Instead, DTSC (2015) recommends that the risk-based screening levels derived by the San Francisco Regional Board (2016) for direct contact be used.

5.2.2 Screening Levels For Soil Vapor

Soil vapor screening levels were based on the USEPA (2018) residential RSLs for air, as modified by the DTSC (2018) residential SLs for air. However, these screening levels are for indoor and/or ambient air. To convert them to soil vapor and sub-slab soil vapor screening levels, the indoor air screening levels are divided by an attenuation factor. Both DTSC (2011) and USEPA (2015) recommended different attenuation factors. Further, Parsons has been unofficially informed by DTSC that the USEPA (2015) attenuation factors will be adopted by DTSC in its upcoming vapor intrusion guidance, which is scheduled to be released in August of 2018. However, as that guidance has not yet been released, both sets of attenuation factors are used to derive soil vapor screening levels. The screening levels derived are presented in **Table 11**.

5.3 PRE-FIELD ACTIVITIES

5.3.1 Notifications and Permitting

Prior to intrusive fieldwork, pre-field notifications were made. A work notice was prepared in English and Spanish and provided to all students and faculty members. The work notice was distributed to the line-of-sight residences of the school along Kittridge Street, Etiwanda Avenue, Victory Boulevard, and Lindley Avenue near where the work was being conducted. Work notices were also posted on all sides of the school perimeter fence within view from the public right-of-way. No permits were required to perform the work.

5.3.2 Utility Clearance

Soil boring locations were pre-marked with white paint and Underground Service Alert of Southern California (DigAlert) was notified of the proposed boring locations prior to initiating boring activities. DigAlert contacted all utility owners of record within the Site vicinity and notified them of the planned subsurface investigation. All utility owners of record, or their designated agents, clearly marked the position of their utilities on the ground surface on the public right-of-way sidewalks and street adjacent to the area designated for investigation, up to the school

property line. LAUSD provided several available as-built plans depicting locations of subsurface structures and utilities which were also reviewed prior to marking the boring locations.

The proposed sampling area was surveyed by Pacific Coast Locators, a private utility locator, for the presence of underground utilities using geophysical methods (including ground-penetrating radar, electromagnetic utility locating, and deep search metal detector). Based on the presence of subsurface utilities identified in several locations, each affected boring location was relocated slightly or cancelled, to avoid causing damage to the utility.

5.4 SAMPLING PROCEDURES

5.4.1 Soil Sample Collection

Soil samples were collected on December 18 – 22, 2017, and February 19th and 24th, March 26, and May 12, 2018. Boring locations in asphalt or concrete were cored prior to soil sample collection. Shallow soil samples were collected using a hand auger. Each soil sample was collected in a manner that minimized disturbance and allowed the sample to retain as much of the original structure as possible. Soil samples were collected directly from the hand auger at each depth interval and placed in a laboratory-provided 8-ounce (oz) glass jar.

A Marl 2.5T direct push rig operated by Gregg Drilling and Testing, Inc. was used to collect soil samples at three of the fifteen soil vapor probe locations. The soil samples were collected in 4-ft long acetate sleeves placed inside the direct push rods. Upon removal from the subsurface, the soil-filled acetate tube was opened length-wise and each sample was collected from the desired depth and placed in an 8 oz jar for laboratory analysis. VOC samples were collected by driving a TerraCore sampler into the soil and placing each sample in the proper laboratory provided sample container. Soil vapor probe locations AOC4-SV2 and AOC4-SV9 through AOC4-SV13 were hand augured to total depth due to site conditions (see Section 7 for details). At locations that were hand augured, soil samples were collected at the desired depths directly from the hand auger.

Soil samples were collected in new laboratory-provided glass jars, which were then placed in individual sealable plastic bags. Each sample jar was labeled individually, stored in an ice chest containing ice, and delivered to a certified laboratory with a chain-of-custody form. Borings were backfilled with clean sand and the surface material placed to match the existing surface.

5.4.2 Soil Vapor Sample Collection

Soil Vapor Probe Construction

Soil vapor probes AOC4-SV1 through AOC4-SV13, AOC5-SV1 and AOC5-SV2 were installed as dual-nested probes. The direct push rig was used to install the dual-nested probes at AOC4-SV1, AOC4-SV3 through AOC4-SV6, AOC4-SV8 and AOC5-SV1. A hand auger was used to install the dual-nested probes at AOC4-SV2, AOC4-SV9 through AOC4-SV13 and AOC5-SV2. A 6-inch long stainless-steel inlet screen was connected to ¼-inch outer diameter Teflon tubing, which extended from ground surface to approximately 14.5- to 15-ft bgs and 4.5- to 5-ft bgs. The

screens were centered within approximately 1 foot of #2/16 sand so that approximately 3 inches of sand extended above and below the screen. The borings were backfilled from total depth to 15-ft bgs with granular bentonite. One foot of dry granular bentonite was placed immediately above each sand interval and then overlain with hydrated granular bentonite. Granular bentonite extended from 14.25- to 5.25-ft bgs, and from 4.25-ft bgs to 1-foot bgs. The vapor monitoring probe tips were placed in a plastic bag and the top of the tubing was coiled within the concrete/asphalt core. The core was capped with temporary asphalt patch. A copy of the boring log is located in **Appendix A**.

Sub-Slab Probe Construction

Sub-slab soil vapor sampling was conducted by installing a VAPOR PIN[®] at three locations inside the industrial arts building (AOC4-SS1, AOC4-SS2, AOC4-SS3). A hammer drill was used to drill a 1 ½-inch diameter hole into the concrete a minimum of 1 ¾-inches into the slab. A 5/8-inch diameter hole was drilled through the slab and approximately 1-inch into the underlying soil to form a void. The lower end of the VAPOR PIN[®] assembly was placed in the hole and the pin was tapped into place using a dead hammer. The VAPOR PIN[®] was protected using the flush mount cover.

Soil Vapor Sampling

The vapor monitoring probes and sub-slab probes were allowed to equilibrate at least 48 hours prior to purging and sampling. The probes were sampled in accordance with *Department of Toxic Substances Control (DTSC) 2015 Advisory – Active Soil Gas Investigations* (DTSC, 2015). Purge volumes were calculated at each vapor probe using the volume of the soil vapor probe, filter pack, dry bentonite, and the tubing in the purge/sampling train to the purge pump.

Prior to purging and sampling at each soil vapor probe or sub-slab probe, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of approximately 100 inches of water, sealing the entire system and observing the vacuum for a minimum of 1 minute. A vacuum gauge, connected in parallel to the apparatus, was used to measure the vacuum. The above-ground fittings were adjusted until there was no noticeable change in the vacuum.

The purge and sampling flow rate was approximately 200 cubic centimeters per minute (cc/min), as noted on the laboratory provided analytical reports and chain of custody (CoC) forms. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents. Purging was completed using a pump except if noted on the CoC. Soil vapor samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas of n-pentane, n-hexane, and n-heptane was used as leak-test compounds to determine if there were surface leaks into the subsurface due to lack of annular space probe seals. The tracer

gas was placed at the tubing-surface interface before sampling. The tracer gas was included as a target analyte during the VOC analysis.

Soil vapor samples were analyzed for VOCs by a mobile laboratory using EPA Method 8260. The quality assurance quality control (QA/QC) documents are provided with the soil vapor laboratory reports.

5.5 EQUIPMENT DECONTAMINATION

Down-hole equipment used during soil sampling activities was decontaminated prior to use at each sampling point to reduce the potential for cross-contamination. Reusable sampling equipment was decontaminated between each sampling event using the following procedures:

- Wash with Liquinox and brush to remove excess contaminants;
- Rinse with distilled water; and
- Rinse twice with distilled water.

5.6 INVESTIGATIVE DERIVED WASTE

Used personal protective equipment and disposable equipment was double-bagged and placed in the on-site dumpster. These wastes are not considered hazardous and were sent to a municipal landfill.

Nine (9) 55-gallon drums of soil cuttings were generated during the field activities. The soil was temporarily stored on-site in properly labeled Department of Transportation-approved drums pending disposal profiling. Seven drums were removed by Belshire Environmental Services, Inc. (BESI) on March 16, 2018, and two drums were removed by BESI on June 22, 2018. The drums were disposed of at Soil Safe in Adelanto, California. Drum disposal documentation is provided in **Appendix B**.

6.0 RESULTS

6.1 INTRODUCTION

This section discusses the results of the soil and soil vapor sampling. Soil samples were analyzed by TestAmerica Laboratories, Inc., an Environmental Laboratory Accreditation Program (ELAP)-certified laboratory located in Irvine, California. The data were reviewed and are considered acceptable for decision-making purposes. Copies of the soil analytical laboratory reports are provided in **Appendix C**. Soil vapor samples were collected and analyzed by Jones Environmental mobile laboratory. Copies of the soil vapor analytical laboratory reports are provided in **Appendix D**.

6.2 SOIL SAMPLING RESULTS

Soil analytical results for the field investigation are summarized in the following sections. The results are discussed for each compound that was analyzed in soil at the five AOCs. The analytical data are compiled in **Tables 3 – 9** and the initial soil sample locations are presented on **Figures 3 – 7**. The step-out soil sample locations are identified in **Table 11** and presented in **Figures 8 - 18**.

The samples were analyzed by Test America by the following methods:

- Lead and arsenic by US EPA Method 6010B
- PCBs by US EPA Method 8082
- OCPs by US EPA Method 8081A
- Dioxins and Furans by US EPA Method 8290
- TPH by US EPA Method 8015M
- VOCs by US EPA Method 8260B
- Title 22 Metals by US EPA Method 6010B and 7471A

6.2.1 Arsenic

At AOC1, shallow soil samples (0.5-ft bgs) at the 107 initial boring locations in AOC1 (AOC1-B1 through AOC1-B115) were analyzed for arsenic. Eleven duplicate samples were collected from the set of initial samples at 0.5-ft bgs. The analytical results for arsenic are presented on **Table 2** with a comparison to the arsenic PSL of 12 mg/kg. Detected arsenic concentrations ranged from 2.7J mg/kg (AOC1-B80) to 32 mg/kg (AOC1-B10). The arsenic concentrations at 12 initial locations in the shallow soil samples (i.e., 0.5-ft bgs) (AOC1-B1, AOC1-B8, AOC1-B10, AOC1-B22, AOC1-B58, AOC1-B64, AOC1-B77, AOC1-B78, AOC1-B81, AOC1-B91, AOC1-B108, AOC1-B112) exceeded the PSL.

To bound the vertical extent of arsenic at each initial boring location where there was an exceedance at 0.5-ft bgs, the step-down sample at 1.5-ft bgs and 2.5-ft bgs was also analyzed. Arsenic concentrations ranged from 5.3 mg/kg (AOC4-B8-2.5) to 37 mg/kg (AOC4-B77-D1.5) in the step-down samples analyzed at the initial boring locations. Soil samples were collected and analyzed at 3.5-ft bgs at AOC4-B77 and AOC4-B81 due to an arsenic exceedance at 2.5-ft bgs. The arsenic concentration in the two samples analyzed at the 3.5-ft depth were below the PSL for arsenic.

A total of 80 step-out samples and 24 duplicate samples were collected at 0.5-ft bgs to delineate arsenic at the 12 initial locations with an arsenic exceedance. Detected arsenic concentrations ranged from 1.9 mg/kg (Duplicate at AOC1-B91-E10) to 33 mg/kg (AOC1-B81-NE20) in the step-out samples at 0.5-ft bgs. A total of 35 step-out samples exceeded the PSL for arsenic. Ninety-two step-downs and three duplicate samples were analyzed at the step-out sample locations. Detected arsenic concentrations ranged from 3.2 mg/kg (AOC1-B91-N20 at 2.5-ft bgs) to 31 mg/kg (AOC1-B77-SW5 at 1.5-ft bgs) in the step-down samples. The maximum depth that soil samples were collected and analyzed for arsenic was 3.5-ft bgs. **Table 11** presents the step-out samples collected in each direction from the initial sample, distance from the initial sample location, maximum depth of a step-out sample exceedance in each direction from the initial sample location, and the step-out restrictions (if any) at each location. **Figures 8 - 18** show the step-out sampling locations for arsenic.

6.2.2 Lead

At AOC1, shallow soil samples (0.5-ft bgs) at the 107 initial boring locations identified in AOC1 (AOC1-B1 through AOC1-B115) were analyzed for lead. Eleven duplicate samples were collected from the set of initial borings at 0.5-ft bgs. The analytical results for lead are presented on **Table 2** with a comparison to the lead PSL of 80 mg/kg. Lead concentrations in the 107 initial shallow soil samples ranged from 3.7 mg/kg (AOC1-B80) to 170 mg/kg (AOC1-B6). The lead concentrations at four of the initial shallow soil sample locations (AOC1-B6, AOC1-B34, AOC1-B100, AOC1-B108) exceeded the PSL for lead.

To bound the vertical extent of lead at each boring location in which there was an exceedance at 0.5-ft bgs, the step-down samples at 1.5-ft and 2.5-ft bgs sample were also analyzed. Lead concentrations ranged from 6.2 mg/kg (AOC4-B6-2.5) to 29 mg/kg (AOC4-B34-D2.5) in the step-down samples analyzed at the initial boring locations.

A total of 24 step-out samples and three duplicate samples were collected at 0.5-ft bgs to delineate lead at the 4 initial locations with a lead exceedance. Detected lead concentrations ranged from 5.3 mg/kg (AOC1-B6-W10) to 120 mg/kg (AOC1-B23-N5) in the step-out samples. The lead concentration at AOC1-B23-N5 exceeded the PSL for lead. Two step-down samples were analyzed at the step-out locations. Both step-down samples analyzed at AOC1-B23-N5 were below the PSL for lead.

Lead concentrations at four initial shallow sample locations and one step-out sample location exceeded 80 mg/kg. These four samples were analyzed for soluble lead for waste characterization purposes. The four samples were analyzed for soluble lead by the California Soluble Threshold Limit Concentration (STLC) test method and one sample (AOC1-B34) was analyzed by the USEPA Toxicity Characteristic Leaching Procedure (TCLP) test method.

The STLC results did not exceed the 5 mg/L threshold used by the State of California to define a waste as non-Resource Conservation and Recovery Act (RCRA) hazardous at sample locations AOC1-B6-D0.5, AOC1-B34-N5-D0.5, AOC1-B100-D0.5, and AOC1-B108-D0.5. The STLC result of 6.1 mg/L at sample location AOC1-B34-D0.5 exceeded the 5 mg/L threshold, but the TCLP result of 0.15 mg/L did not exceed the 5 mg/L threshold that would require soil to be managed as a RCRA hazardous waste. Results of the STLC and TCLP analysis are presented in **Table 2** and copies of the analytical laboratory reports are provided in **Appendix C**.

6.2.3 PCBs

Fifteen non-biased discrete shallow soil samples (0.5-ft bgs) representing 10% of the initial AOC1 sample locations, two 0.5-ft bgs soil samples from AOC2, six 5-ft bgs soil samples at AOC4, and four 15-ft bgs soil samples at AOC4 were collected and analyzed for PCBs. PCBs were not detected above their respective laboratory reporting limits in any of the samples analyzed. Three samples (AOC1-B21, AOC1B-33, AOC1-B54) and a duplicate sample (AOC1-B21) had laboratory J-qualifiers between the laboratory reporting limit and minimum detection limit for PCB-1260. As presented on **Table 3**, none of the PCB sample compounds exceeded their respective PSLs. Based on these results, PCBs are not considered a Site chemical of concern (COC).

6.2.4 OCPs

At AOC1, composite samples from four to six adjacent borings, or borings surrounding a building, all from the same depth, were prepared by the laboratory, and analyzed for OCPs. A total of 26 composite samples were prepared by the laboratory. The laboratory results indicate the only OCP detections above the laboratory reporting limit in the soil samples collected at AOC1 were for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, chlordane (technical), and dieldrin, which are under the PSLs of 317, 333, 317, 73 and 5.7 µg/kg, respectively, for composites of a maximum of six discrete samples (DTSC, 2006). The OCP results are presented in **Table 4**. Based on these results, OCPs are not considered a Site COC.

6.2.5 Dioxins and Furans

One shallow soil sample and a corresponding duplicate soil sample from AOC3 were analyzed for dioxins and furans. The measured concentrations of dioxins/furans in the samples were converted to a 2,3,7,8-TCDD equivalent concentration using the toxicity equivalence factors in USEPA (2010) guidance. The results for AOC3-B1-D0.5 (1.2 picograms per gram [pg/g]) and AOC3-B1-D0.5-DUP (1.0 pg/g) did not exceed the USEPA residential PSL of 4.8 picograms per gram (pg/g)

and the DTSC residential RG of 5 pg/g. The dioxin and furan results are presented in **Table 5**. Based on these results, dioxins and furans are not considered a Site COC.

6.2.6 TPH

At AOC4, sixteen soil samples and three duplicate samples were analyzed for TPH in the gasoline range (TPH-g), diesel range (TPH-d), and oil range (TPH-o). TPH-o was detected above the laboratory reporting limit in eleven soil samples ranging in concentration from 2.4J mg/kg (AOC4-SV13-5) to 21B mg/kg (AOC4-SV8-5). Detections of TPH-o were below the San Francisco RWQCB RSL of 10,746 mg/kg San Francisco Regional Board (2016). The analytical results are provided in **Table 5**. Based on these results, TPH is not considered a Site COC.

6.2.7 VOCs in Soil

At AOC4, sixteen soil samples and three duplicate samples were analyzed for VOCs. Seven VOC compounds were detected in soil with maximum concentrations as follows: benzene (3.2 µg/kg); 2-Butanone (6.1J µg/kg); ethylbenzene (2.0 µg/kg); naphthalene (1.7J µg/kg); PCE (1.2J µg/kg); toluene (3.9 µg/kg); 1,2,3-trichlorobenzene (0.97J µg/kg). The concentrations of detected VOCs were below PSLs. The analytical results are provided in **Table 7**. All other VOCs were not detected above their respective laboratory reporting limits.

6.2.8 Title 22 Metals

At AOC4, two primary soil samples and one duplicate sample were analyzed for Title 22 metals. Antimony, selenium, silver, and thallium were not detected above their respective laboratory reporting limits in the samples. Maximum detected concentrations of the remaining metals were as follows: arsenic (9 mg/kg), barium (200 mg/kg), beryllium (1.2 mg/kg), cadmium (3.0 mg/kg), chromium (43 mg/kg), cobalt (9.9 mg/kg), copper (37 mg/kg), lead (7.1 mg/kg), mercury (0.028 mg/kg), nickel (45 mg/kg), vanadium (88 mg/kg), and zinc (94 mg/kg). The detections of Title 22 metals were below PSLs at AOC4. The analytical results are provided in **Table 8**.

6.3 SOIL VAPOR SAMPLING RESULTS

6.3.1 VOCs in Soil Vapor at AOC4

A total of four initial soil vapor samples and one duplicate sample were collected from AOC4 and analyzed by a mobile laboratory for VOCs on January 3, 2018. PCE was detected above the current PSL at AOC4-SV1-5 and AOC4-SV1-15. PCE ranged from 196 micrograms per cubic meter (µg/m³) (AOC4-SV2-5) to 322 µg/m³ (AOC4-SV1-15). No other VOCs were detected above their respective PSLs. The analytical results are provided in **Table 9** and the soil vapor probe locations are presented on **Figure 3**.

Dual-nested soil vapor probes were installed at three additional locations (AOC4-SV3 through AOC4-SV5) to delineate PCE in soil vapor. Ten soil vapor samples and one duplicate sample were collected from AOC4-SV1 through AOC4-SV5 on February 27, 2018 and analyzed for VOCs by a mobile lab. PCE concentrations ranged from non-detect (ND) at (AOC4-SV5-5) to

448 $\mu\text{g}/\text{m}^3$ (AOC4-SV3-15). PCE exceeded the current PSL at AOC4-SV1-15, AOC4-SV3-5 and AOC4-SV3-15. No other VOCs were detected above their PSLs.

Dual-nested soil vapor probes were installed at four additional locations (AOC4-SV6, AOC4-SV8 through AOC4-SV10) to further delineate PCE in soil vapor. Twelve soil vapor samples and two duplicates were collected from AOC4-SV1, AOC4-SV3, AOC4-SV6, and AOC4-SV8 through AOC4-SV10 on April 21, 2018 and analyzed for VOCs by a mobile lab. PCE concentrations ranged from 93 $\mu\text{g}/\text{m}^3$ (AOC4-SV6-5) to 489 $\mu\text{g}/\text{m}^3$ (AOC4-SV3-15). PCE exceeded the current PSL at AOC4-SV1-5, AOC4-SV1-15, AOC4-SV3-5, AOC4-SV3-15, AOC4-SV8-5, AOC4-SV8-15, AOC4-SV10-5 and AOC4-SV10-15. No other VOCs were detected above their PSLs.

Dual-nested soil vapor probes were installed at three additional locations (AOC4-SV-11 through AOC4-SV-13). Three sub-slab soil vapor probes (AOC4-SS1 through AOC4-SS3) were installed within the industrial arts building to evaluate PCE in the slab of the foundation. Nine soil vapor samples and one duplicate sample were collected from AOC4-SV11 through AOC4-SV13 and AOC4-SS1 through AOC4-SS3 and analyzed for VOCs by a mobile lab on May 22, 2018. PCE concentrations in the soil vapor probes ranged from 17 $\mu\text{g}/\text{m}^3$ (AOC4-SV13-5) to 296 $\mu\text{g}/\text{m}^3$ (AOC4-SV11-5). PCE concentrations in the sub-slab samples ranged from 144 $\mu\text{g}/\text{m}^3$ (AOC4-SS1) to 523 $\mu\text{g}/\text{m}^3$ (AOC4-SS3). PCE exceeded the current RSLs at AOC4-SV11-5, AOC4-SV11-15, AOC4-SS1, AOC4-SS2 and AOC4-SS3. Benzene exceeded the current RSL at AOC4-SV12-5, AOC4-SS1, AOC4-SS2 and AOC4-SS3. The step-out soil vapor probe and sub-slab sample locations are presented on **Figure 19**.

6.3.2 VOCs in Soil Vapor at AOC5

A total of four initial soil vapor samples were collected from AOC5 and analyzed by the mobile laboratory for VOCs by USEPA Method 8260B on January 3, 2018. Toluene was the only VOC detected above the laboratory detection limits at AOC5. Toluene was detected in soil vapor at AOC5-SV1-15, AOC4-SV2-5 and AOC4-SV2-15 ranging from 9 $\mu\text{g}/\text{m}^3$ to 15 $\mu\text{g}/\text{m}^3$. The toluene concentrations detected in soil vapor are below the current PSLs. The analytical results are provided in **Table 9** and the soil vapor probe locations are depicted on **Figure 4**. VOCs in soil vapor are not considered a COC at AOC5.

6.4 DELINEATION OF IMPACTS IN SOIL

Arsenic concentrations at 11 locations (AOC1-B1, AOC1-B8, AOC1-B10, AOC1-B22, AOC1-B58, AOC1-B64, AOC1-B77, AOC1-B78, AOC1-B81, AOC1-B91, and AOC1-B112) in shallow soil (0.5-ft bgs) exceeded the PSL of 12 mg/kg. Lead concentrations in soil at three locations (AOC1-B6, AOC1-B34, and AOC1-B100) exceeded the PSL of 80 mg/kg. At location AOC1-B108 both arsenic and lead exceeded their respective PSLs in soil. The areas of impacted soil are shown on **Figures 8 – 18**. Step-out sampling conducted at the locations in which soil samples exceeded RSLs delineated the lateral extent of impacted soil at the Site. At the direction of the LAUSD Project Manager, the boundary of lateral impacts in soil were determined by establishing

a clean (i.e., non-detect) step-out sample location or a sample restriction (i.e.: building, utility, fence, etc.). **Table 11** identifies step-out distances and restrictions.

The vertical extent of soil exceedances was defined by conducting step-down sampling. Vertical impacts of lead and/or arsenic do not extend below 1.5-ft bgs at the following locations: AOC1-B1, AOC1-B6, AOC1-B8, AOC1-B10, AOC1-B34, AOC1-B58, AOC1-B64, AOC1-B100, AOC1-B108, and AOC1-B112. Vertical impacts do not extend below 2.5-ft bgs at AOC1-B22 and AOC1-B78. Vertical impacts do not extend below 3.5-ft bgs at AOC1-B77, AOC1-B81 and AOC1-B91.

The depths and dimensions of impacted soil at each location are shown on **Figures 8 - 18**. The estimated volumes of impacted soil are summarized in **Table 11**. An estimated 266 cubic yards of soil are impacted by lead and/or arsenic based on the results of the field investigation. Approximately 261 cubic yards can be managed as non-hazardous waste and approximately 5 cubic yards can be managed as non-RCRA hazardous waste.

6.5 DELINEATION OF IMPACTS IN SOIL VAPOR

The PCE soil vapor concentration exceeded the current PSLs at AOC4-SV1, AOC4-SV3, AOC4-SV8, AOC4-SV10 and AOC4-SV11. Soil vapor exceeded the current PSL for benzene at AOC4-SV12 at 15-ft bgs. The elevated PCE soil-vapor impact has been delineated to the west by AOC4-SV6 and AOC4-SV9; to the east by AOC4-SV5; to the south by AOC4-SV12, and; to the north by AOC4-SV13.

7.0 FIELD VARIANCES

Field conditions caused the following variances from the original scope of work:

- Boring locations around existing buildings were adjusted to account for access ramps and other obstructions (e.g., stored equipment, fencing, trees and bushes, etc.). Further adjustments to some boring locations were made to provide an adequate distance from subsurface utility lines identified by the geophysical survey. Final boring locations are presented on **Figures 3 - 19**.
- Borings were not completed at AOC1-B49, AOC1-B53 or AOC1-B56 due to the presence of extensive subsurface utilities.
- Borings were not completed at AOC1-B32, AOC1-B35, AOC1-B42 or AOC1-B50 due to the presence of wooden fencing between buildings preventing access.
- Boring location AOC1-B7 was not sampled because there was a void space immediately below the concrete.
- Access issues at AOC4-SV2, AOC4-SV9 through AOC4-SV13 and AOC5-SV2 provided insufficient clearance to use the Marl 2.5T direct-push drill rig. These locations were hand-augured to total depth.
- Step-out borings north and south of primary boring locations AOC1-B58 and AOC1-B64 were adjusted 3 feet to the east and west, respectively, to account for wheel chair ramps.
- Step-out location AOC1-B58/B64 was located equi-distant from primary boring location AOC1-B58 and AOC1-B64. This location served as the 10-foot step-out sample for each primary location.

8.0 HUMAN HEALTH SCREENING EVALUATION

This section presents the human health screening evaluation (HHSE) portion of the PEA. The HHSE evaluates potential impacts to human health from exposure to the chemicals detected in soil and soil vapor at the Site. Following the PEA Guidance Manual (DTSC, 2015a), the HHSE is performed within the context of a health risk assessment that addresses an unrestricted future residential land-use scenario, which is more health-protective than the existing and continued use of the Site as a school.

8.1 SOILS

For soils, arsenic and lead are the only chemicals that were detected above PSLs in soils at the Site (see **Table 2**). Arsenic was detected at a maximum concentration of 37 mg/kg, while lead was detected at a maximum concentration of 170 mg/kg. These exceed the PSLs of 12 mg/kg and 80 mg/kg, respectively.

Any concentrations above PSLs may pose an unacceptable health risk for a residential land use scenario. To further evaluate the potential risks from exposures to arsenic and lead, site-wide 95% upper confidence limits on the mean (UCLs) were calculated using USEPA's (2015) ProUCL v5.1.002 for several depth intervals. The UCLs recommended by ProUCL are shown in **Table 9.1** below. The ProUCL output is provided in **Appendix E**.

Table 8.1. UCLs for arsenic and lead in soil by depth interval.

Depth interval (ft bgs)	Arsenic (mg/kg)	Lead (mg/kg)
0-0.5	12.22	30.52
0-1.5	10.83	29.97
0-2.5	10.41	29.55
0-3.5	10.37	*

Notes: no soil samples from >2.5-3.5 ft bgs were analyzed for lead.

For arsenic, the results above indicate that, on a site-wide average, arsenic does not exceed the upper bound background value of 12 mg/kg below the surface and only slightly exceeds it in surface (0-0.5-ft bgs). Nonetheless, arsenic was detected at concentrations greater than background in 12 initial locations. Multiple step-out and step-down samples were collected at each initial location. At three of the initial locations (i.e., AOC1-B58, AOC1-B64, and AOC1-B108), arsenic was not detected above background in any of the step-out and step-down samples

and the maximum detected concentration was only slightly above background (i.e., 13, 13, and 17 mg/kg for the three previously listed borings, respectively), indicating that the area of elevated arsenic is relatively small and may not warrant remediation. However, at the other initial locations, at least one step-out/step-down sample also exceeded background, indicating that remediation may be warranted.

For lead, DTSC (2018) guidance states that individual samples may exceed the screening level of 80 mg/kg as long as the UCL is less than the screening level and there are no hotspots. Given that only 5 samples (of 153) had lead concentrations greater than 80 mg/kg and those exceedances were not co-located, it does not appear that there are any “hot spots” and further action does not appear to be warranted.

8.2 SOIL VAPOR

In both the soil vapor and sub-slab soil vapor samples collected at the site, only benzene and PCE were detected at concentrations above both the current and (likely) future screening levels (see **Tables 9 and 10**).

Benzene. Outside of the buildings at the site, there was a detection of benzene above the PSLs at 15-ft bgs at sample location AOC4-SV12, but benzene was not detected in the 5-ft bgs sample at the same location. This likely indicates that benzene is degrading as it migrates through the soil column and that benzene in soil vapor at AOC4-SV12 does not represent a potential risk. However, benzene was also detected above the PSLs in two sub-slab soil vapor samples at up to 23 times the current PSL. It should be noted that using the default DTSC (2011) and USEPA (2015) sub-slab soil vapor attenuation factors, the maximum detected sub-slab soil vapor benzene concentration of 209 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) corresponds to indoor air concentrations of 10.45 and 6.27 $\mu\text{g}/\text{m}^3$, respectively. This is not substantially greater than the ambient concentrations at the two nearest Air Resources Board monitoring stations; i.e., Simi Valley (0.16 to 1.41 $\mu\text{g}/\text{m}^3$ for 2016-2017) and Burbank (0.50 to 4.79 $\mu\text{g}/\text{m}^3$ for 2013). Lastly, it should be noted that the screening levels used here are for residents and not school-based receptors and are likely to be over protective of exposures and risks at the site. Overall, benzene in sub-slab soil vapor at the Site does exceed screening levels but is only likely to represent a slight risk above background exposures.

Tetrachloroethene (PCE). In the sub-slab soil vapor samples, PCE was detected at up to 523 $\mu\text{g}/\text{m}^3$, which is 57 times the current (and more conservative) PSL. In the soil vapor probes installed outside of the buildings, PCE was detected at up to 489 $\mu\text{g}/\text{m}^3$, which is 2 times the current PSL but 33 times the (likely) future RSL. Using the default DTSC (2011) and USEPA (2015) sub-slab soil vapor attenuation factors, the maximum detected sub-slab soil vapor concentration of 523 $\mu\text{g}/\text{m}^3$ corresponds to indoor air concentrations of 26.15 and 15.69 $\mu\text{g}/\text{m}^3$, respectively. These concentrations are substantially greater than the ambient concentrations at the two nearest Air Resources Board monitoring stations; i.e., Simi Valley (0.034 to 0.54 $\mu\text{g}/\text{m}^3$ for

2016-2017) and Burbank (0.14 to 1.15 $\mu\text{g}/\text{m}^3$ for 2013). While the PSLs used here are likely to be over protective of school-based receptors (as explained above), the detections of PCE exceed the PSLs by a large margin and the estimated concentrations in indoor air are well above background. Thus, PCE in soil vapor is likely to represent a potential risk at the Site.

9.0 CONCLUSIONS AND RECOMMENDATIONS

9.1 CONCLUSIONS

The following conclusions were derived from the soil and soil vapor sampling and analyses conducted at the Reseda High School:

- PCBs were not detected above their respective laboratory reporting limits in any of the soil or soil vapor samples analyzed. Therefore, PCBs are not considered a Site COC.
- Five OCPs (4,4'-DDD, 4,4'-DDE, 4,4'-DDT, chlordane, and dieldrin) were detected above their respective reporting limits in one or more composite soil samples. OCP concentrations were all below PSLs; therefore, OCPs are not considered Site COCs.
- The concentrations of dioxins/furans in the soil samples did not exceed PSLs. Therefore, dioxins and furans are not considered Site CoCs.
- TPH-g and TPH-d were not detected in the soil samples collected at the Site. TPH-o was detected above the laboratory reporting limit in eleven soil samples but was below the PSLs. Therefore, TPHs are not considered Site COCs.
- Title 22 metals were below PSLs except for arsenic and lead.
- Lead results from soil samples collected in the proposed development areas are below the PSL (80 mg/kg) in 103 of the 107 initial boring locations. The highest exceedance of lead was 170 mg/kg at location AOC1-B6 at 0.5-ft bgs. Step-down and lateral step-out sampling was conducted until the detected lead concentrations were less than the screening level of 80 mg/kg, a building foundation was reached, access was limited, or a subsurface utility was encountered.
- Arsenic results from soil samples collected in the proposed development area are below the PSL (12 mg/kg) in 95 of the 107 initial boring locations. The highest exceedance of arsenic at the initial sample locations was 32 mg/kg at AOC1-B10 at 0.5-ft bgs. Step-down and lateral step-out sampling was conducted until the detected arsenic concentrations were less than the PSL of 12 mg/kg, a building foundation was reached, access was limited, or a subsurface utility was encountered.
- An estimated 266 cubic yards of soil are impacted by lead and/or arsenic based on the results of the field investigation. Approximately 261 cubic yards can be managed as non-hazardous waste and approximately 5 cubic yards can be managed as non-RCRA hazardous waste.
- PCE was detected above the current PSLs in soil vapor at 5- and 15-ft bgs at probe locations AOC4-SV1, AOC4-SV3, AOC4-SV4, AOC4-SV8, AOC4-SV10 and AOC4-SV11. PCE was detected above the current PSL in soil vapor at sub-slab locations AOC4-SS1, AOC4-SS2 and AOC4-SS3. The elevated PCE soil-vapor impact has been delineated to the west by AOC4-SV6 and AOC4-SV9; to the east by AOC4-SV5; to the south by AOC4-SV12,

and; to the north by AOC4-SV13. PCE in soil vapor is likely to represent a potential risk at the Site.

- Benzene was detected above the current PSL in soil vapor at 15-ft bgs at AOC4-SV12, but benzene was not detected in the 5-ft bgs sample at the same location. This likely indicates that benzene is degrading as it migrates through the soil column and that benzene in soil vapor at AOC4-SV12 does not represent a potential risk. Benzene was detected above the current PSL in soil vapor at sub-slab locations AOC4-SS1, AOC4-SS2 and AOC4-SS3. Overall, benzene in sub-slab soil vapor at the Site does indeed exceed PSLs but is only likely to represent a slight risk above background exposures.

9.2 RECOMMENDATIONS

The following are recommendations based on the above conclusions:

- A Removal Action Workplan (RAW) should be developed for the Site to address shallow soils impacted with lead and/or arsenic above their respective RSLs.
- The RAW should also address PCE and benzene soil vapor impacts above the current PSLs.

10.0 REFERENCES

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TABLES

Table 1
Sampling Strategy Plan
LAUSD Reseda High School PEA Equivalent

Sample Location	Sample ID	Depth (ft bgs)	Proposed Analyses	Sample Location Rationale
AOC1				
AOC1-B1 through AOC1-B115	AOC1-B1 through AOC1-B115-0.5	0-0.5	Lead, arsenic, OCPs (composite 4 to 6 samples). 10% samples for PCBs	Evaluate potential impacts in shallow soil from lead based paing, arsenic, OCPs and PCBs near the site buildings
	AOC1-B1 through AOC1-B115-1.5	1.0-1.5	Archive sample	
	AOC1-B1 through AOC1-B115-2.5	2.0-2.5	Archive sample	
AOC2				
AOC2-B1 through AOC2-B2	AOC2-B1 and AOC2-B2-0.5	0-0.5	PCBs	Evaluate potential impacts in shallow soil from PCBs near pad-mounted transformer
	AOC2-B1 and AOC2-B2-1.5	1.0-1.5	Archive sample	
	AOC2-B1 and AOC2-B2-2.5	2.0-2.5	Archive sample	
AOC3				
AOC3-B1	AOC3-B1-0.5	0-0.5	Dioxins and Furans	Evaluate Potential impacts in shallow soil from dioxins and furans near incinerator
	AOC3-B1-1.5	1.0-1.5	Archive sample	
	AOC3-B1-2.5	2.0-2.5	Archive sample	
AOC4				
AOC4-B1 and AOC4-B2	AOC4-B1 and AOC4-B2-5.0	5.0 - 5.5	TPHs, Title 22 Metals, PCBs, VOCs	Evaluate potential impacts in soil from TPH, Title 22 Metals, PCBs, and VOCs near clarifier
	AOC4-B1 and AOC4-B2-10	10.0 - 10.5	Archive sample	
	AOC4-B1 and AOC4-B2-15	15.0 - 15.5	Archive sample	
AOC4-SV1 and AOC4-SV2	AOC4-SV1 and AOC4-SV2-5	5.0	VOCs	Evaluate potential impacts in soil vapor from VOCs near clarifier
	AOC4-SV1 and AOC4-SV2-15	15.0	VOCs	
AOC5				
AOC5-SV1 and AOC5-SV2	AOC5-SV1 and AOC5-SV2-5	5.0	VOCs	Evaluate potential impacts in soil vapor from VOCs near suspected location of historical spray paint booths
	AOC5-SV1 and AOC5-SV2-15	15.0	VOCs	

TABLE 2
ANALYTICAL RESULTS FOR LEAD AND ARSENIC IN SOIL
LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	Lead	Arsenic	STLC - Lead	TCLP - Lead
Units			ft bgs	mg/kg	mg/kg	mg/L	mg/L
USEPA Test Method			--	6010B	6010B	6010B	6010B
Screening Level			--	80	12	5.0	5.0
AOC1-B1	AOC1-B1-D0.5	12/20/2017	0.5	55	13	NA	NA
	AOC1-B1-D1.5	12/20/2017	1.5	NA	6.5	NA	NA
	AOC1-B1-D2.5	12/20/2017	2.5	NA	7.1	NA	NA
	AOC1-B1-N5-D0.5	2/24/2018	0.5	NA	7.0	NA	NA
	AOC1-B1-N5-D0.5-DUP	2/24/2018	0.5	NA	8.0	NA	NA
	AOC1-B1-N10-D0.5	2/24/2018	0.5	NA	5.7	NA	NA
	AOC1-B1-E5-D0.5	2/24/2018	0.5	NA	15	NA	NA
	AOC1-B1-E5-D1.5	2/24/2018	1.5	NA	5.4	NA	NA
	AOC1-B1-E5-D2.5	2/24/2018	2.5	NA	6.6	NA	NA
	AOC1-B1-E10-D0.5	2/24/2018	0.5	NA	8.8	NA	NA
	AOC1-B1-W5-D0.5	2/24/2018	0.5	NA	6.0	NA	NA
	AOC1-B1-W10-D0.5	2/24/2018	0.5	NA	12	NA	NA
	AOC1-B1-W10-D0.5-DUP	2/24/2018	0.5	NA	11	NA	NA
AOC1-B2	AOC1-B2-D0.5	12/20/2017	0.5	66	10	NA	NA
AOC1-B3	AOC1-B3-D0.5	12/20/2017	0.5	32	7.4	NA	NA
AOC1-B4	AOC1-B4-D0.5	12/20/2017	0.5	14	7.8	NA	NA
AOC1-B5	AOC1-B5-D0.5	12/20/2017	0.5	11	7.9	NA	NA
AOC1-B6	AOC1-B6-D0.5	12/20/2017	0.5	170	11	2.7	NA
	AOC1-B6-D1.5	12/20/2017	1.5	11	NA	NA	NA
	AOC1-B6-D2.5	12/20/2017	2.5	6.2	NA	NA	NA
	AOC1-B6-N5-D0.5	2/19/2018	0.5	16	NA	NA	NA
	AOC1-B6-N10-D0.5	2/19/2018	0.5	8.3	NA	NA	NA
	AOC1-B6-S5-D0.5	2/19/2018	0.5	9.0	NA	NA	NA
	AOC1-B6-S10-D0.5	2/19/2018	0.5	9.6	NA	NA	NA
	AOC1-B6-W5-D0.5	2/19/2018	0.5	7.5	NA	NA	NA
	AOC1-B6-W10-D0.5	2/19/2018	0.5	5.3	NA	NA	NA
AOC1-B8	AOC1-B8-D0.5	12/20/2017	0.5	73	16	NA	NA
	AOC1-B8-D1.5	12/20/2017	1.5	NA	6.7	NA	NA
	AOC1-B8-D2.5	12/20/2017	2.5	NA	5.3	NA	NA
	AOC1-B8-S10-D0.5	2/19/2018	0.5	NA	18	NA	NA
	AOC1-B8-S10-D0.5-DUP	2/19/2018	0.5	NA	17	NA	NA
	AOC1-B8-S10-D1.5	2/19/2018	1.5	NA	12	NA	NA
	AOC1-B8-S10-D2.5	2/19/2018	2.5	NA	7.6	NA	NA
	AOC1-B8-S15-D0.5	3/26/2018	0.5	NA	12	NA	NA
	AOC1-B8-S15-D0.5-DUP	3/26/2018	0.5	NA	13	NA	NA
	AOC1-B8-S15-D1.5	3/26/2018	1.5	NA	7.0	NA	NA
	AOC1-B8-S15-D2.5	3/26/2018	2.5	NA	5.8	NA	NA
	AOC1-B8-S20-D0.5	3/26/2018	0.5	NA	9.0	NA	NA
AOC1-B9	AOC1-B9-D0.5	12/20/2017	0.5	6.9	7.5	NA	NA
AOC1-B10	AOC1-B10-D0.5	12/20/2017	0.5	18	32	NA	NA
	AOC1-B10-D1.5	12/20/2017	1.5	NA	11	NA	NA
	AOC1-B10-D2.5	12/20/2017	2.5	NA	11	NA	NA
	AOC1-B10-N5-D0.5	2/24/2018	0.5	NA	15	NA	NA
	AOC1-B10-N5-D0.5-DUP	2/24/2018	0.5	NA	11	NA	NA
	AOC1-B10-N5-D1.5	2/24/2018	1.5	NA	8.9	NA	NA
	AOC1-B10-N5-D2.5	2/24/2018	2.5	NA	5.8	NA	NA
	AOC1-B10-N10-D0.5	2/24/2018	0.5	NA	4.5	NA	NA
	AOC1-B10-S5-D0.5	2/24/2018	0.5	NA	9.6	NA	NA
	AOC1-B10-S10-D0.5	2/24/2018	0.5	NA	7.9	NA	NA
	AOC1-B10-W5-D0.5	2/24/2018	0.5	NA	16	NA	NA
	AOC1-B10-W5-D1.5	2/24/2018	1.5	NA	6.4	NA	NA
	AOC1-B10-W5-D2.5	2/24/2018	2.5	NA	12	NA	NA
	AOC1-B10-W10-D0.5	2/24/2018	0.5	NA	12	NA	NA
AOC1-B11	AOC1-B11-D0.5	12/20/2017	0.5	11	7.8	NA	NA
AOC1-B12	AOC1-B12-D0.5	12/20/2017	0.5	12	9.7	NA	NA
AOC1-B13	AOC1-B13-D0.5	12/20/2017	0.5	29	10	NA	NA
AOC1-B14	AOC1-B14-D0.5	12/20/2017	0.5	17	9.7	NA	NA
AOC1-B15	AOC1-B15-D0.5	12/20/2017	0.5	42	8.9	NA	NA
AOC1-B16	AOC1-B16-D0.5	12/20/2017	0.5	7.0	5.6	NA	NA
AOC1-B17	AOC1-B17-D0.5	12/20/2017	0.5	9.9	6.8	NA	NA
AOC1-B18	AOC1-B18-D0.5	12/20/2017	0.5	5.0	6.1	NA	NA
	AOC1-B18-D0.5-DUP	12/20/2017	0.5	5.8	7.0	NA	NA
AOC1-B19	AOC1-B19-D0.5	12/19/2017	0.5	5.6	6.6	NA	NA
AOC1-B20	AOC1-B20-D0.5	12/19/2017	0.5	18	4.8	NA	NA
AOC1-B21	AOC1-B21-D0.5	12/20/2017	0.5	33	5.8	NA	NA
	AOC1-B21-D0.5-DUP	12/20/2017	0.5	41	6.7	NA	NA
AOC1-B22	AOC1-B22-D0.5	12/19/2017	0.5	32	21	NA	NA
	AOC1-B22-D1.5	12/19/2017	1.5	NA	8.7	NA	NA
	AOC1-B22-D2.5	12/19/2017	2.5	NA	11	NA	NA
	AOC1-B22-N5-D0.5	2/19/2018	0.5	NA	16	NA	NA
	AOC1-B22-N5-D1.5	2/19/2018	1.5	NA	11	NA	NA

TABLE 2
ANALYTICAL RESULTS FOR LEAD AND ARSENIC IN SOIL
LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	Lead	Arsenic	STLC - Lead	TCLP - Lead
Units			ft bgs	mg/kg	mg/kg	mg/L	mg/L
USEPA Test Method			--	6010B	6010B	6010B	6010B
Screening Level			--	80	12	5.0	5.0
AOC1-B22 Con't.	AOC1-B22-N5-D2.5	2/19/2018	2.5	NA	7.8	NA	NA
	AOC1-B22-N10-D0.5	2/19/2018	0.5	NA	23	NA	NA
	AOC1-B22-N10-D0.5-DUP	2/19/2018	0.5	NA	6.9	NA	NA
	AOC1-B22-N10-D1.5	2/19/2018	1.5	NA	6.8	NA	NA
	AOC1-B22-N10-D2.5	2/19/2018	2.5	NA	6.1	NA	NA
	AOC1-B22-N15-D0.5	3/26/2018	0.5	NA	26	NA	NA
	AOC1-B22-N15-D1.5	3/26/2018	1.5	NA	13	NA	NA
	AOC1-B22-N15-D2.5	3/26/2018	2.5	NA	6.9	NA	NA
	AOC1-B22-S5-D0.5	2/19/2018	0.5	NA	16	NA	NA
	AOC1-B22-S5-D1.5	2/19/2018	1.5	NA	9.1	NA	NA
	AOC1-B22-S5-D2.5	2/19/2018	2.5	NA	7.5	NA	NA
	AOC1-B22-S10-D0.5	2/19/2018	0.5	NA	18	NA	NA
	AOC1-B22-S10-D1.5	2/19/2018	1.5	NA	9.0	NA	NA
	AOC1-B22-S10-D2.5	2/19/2018	2.5	NA	5.4	NA	NA
	AOC1-B22-S15-D0.5	3/26/2018	0.5	NA	14	NA	NA
	AOC1-B22-S15-D1.5	3/26/2018	1.5	NA	8.9	NA	NA
	AOC1-B22-S15-D2.5	3/26/2018	2.5	NA	7.0	NA	NA
	AOC1-B22-S20-D0.5	3/26/2018	0.5	NA	13	NA	NA
	AOC1-B22-S20-D0.5-DUP	3/26/2018	0.5	NA	20	NA	NA
	AOC1-B22-S20-D1.5	3/26/2018	1.5	NA	7.2	NA	NA
	AOC1-B22-S20-D2.5	3/26/2018	2.5	NA	6.5	NA	NA
	AOC1-B22-E5-D0.5	2/19/2018	0.5	NA	6.1	NA	NA
AOC1-B23	AOC1-B23-D0.5	12/20/2017	0.5	8.6	8.5	NA	NA
AOC1-B24	AOC1-B24-D0.5	12/20/2017	0.5	8.8	9.7	NA	NA
AOC1-B25	AOC1-B25-D0.5	12/20/2017	0.5	6.5	5.9	NA	NA
AOC1-B26	AOC1-B26-D0.5	12/20/2017	0.5	13	9.2	NA	NA
AOC1-B27	AOC1-B27-D0.5	12/20/2017	0.5	8.6	11	NA	NA
AOC1-B28	AOC1-B28-D0.5	12/20/2017	0.5	9.3	8.9	NA	NA
	AOC1-B28-0.5-DUP	12/20/2017	0.5	8.4	8.4	NA	NA
AOC1-B29	AOC1-B29-D0.5	12/20/2017	0.5	7.4	7.6	NA	NA
AOC1-B30	AOC1-B30-D0.5	12/18/2017	0.5	6.6	5.4	NA	NA
AOC1-B31	AOC1-B31-D0.5	12/18/2017	0.5	24	5.6	NA	NA
AOC1-B33	AOC1-B33-D0.5	12/18/2017	0.5	26	9.6	NA	NA
AOC1-B34	AOC1-B34-D0.5	12/18/2017	0.5	100	5.6	6.1	0.15
	AOC1-B34-D1.5	12/18/2017	1.5	21	NA	NA	NA
	AOC1-B34-D2.5	12/18/2017	2.5	29	NA	NA	NA
	AOC1-B34-N5-D0.5	2/24/2018	0.5	120	NA	4.5	NA
	AOC1-B34-N5-D1.5	2/24/2018	1.5	40	NA	NA	NA
	AOC1-B34-N5-D2.5	2/24/2018	2.5	28	NA	NA	NA
	AOC1-B34-N10-D0.5	2/24/2018	0.5	19	NA	NA	NA
	AOC1-B34-S5-D0.5	2/24/2018	0.5	43	NA	NA	NA
	AOC1-B34-S5-D0.5-DUP	2/24/2018	0.5	18	NA	NA	NA
	AOC1-B34-S10-D0.5	2/24/2018	0.5	34	NA	NA	NA
	AOC1-B34-W5-D0.5	2/24/2018	0.5	20	NA	NA	NA
	AOC1-B34-W10-D0.5	2/24/2018	0.5	8.8	NA	NA	NA
AOC1-B36	AOC1-B36-D0.5	12/18/2017	0.5	26	11	NA	NA
AOC1-B37	AOC1-B37-D0.5	12/18/2017	0.5	13	6.6	NA	NA
AOC1-B38	AOC1-B38-D0.5	12/18/2017	0.5	33	9.6	NA	NA
AOC1-B39	AOC1-B39-D0.5	12/18/2017	0.5	19	8.4	NA	NA
AOC1-B40	AOC1-B40-D0.5	12/18/2017	0.5	14	6.7	NA	NA
AOC1-B41	AOC1-B41-D0.5	12/18/2017	0.5	54	8.7	NA	NA
AOC1-B43	AOC1-B43-D0.5	12/18/2017	0.5	4.0	3.4	NA	NA
AOC1-B44	AOC1-B44-D0.5	12/18/2017	0.5	28	5.8	NA	NA
AOC1-B45	AOC1-B45-D0.5	12/18/2017	0.5	46	8.5	NA	NA
AOC1-B46	AOC1-B46-D0.5	12/18/2017	0.5	19	4.6	NA	NA
AOC1-B47	AOC1-B47-D0.5	12/18/2017	0.5	6.0	4.2	NA	NA
AOC1-B48	AOC1-B48-D0.5	12/19/2017	0.5	5.7	6.0	NA	NA
	AOC1-B48-D0.5-DUP	12/19/2017	0.5	5.7	6.7	NA	NA
AOC1-B51	AOC1-B51-D0.5	12/18/2017	0.5	13	4.6	NA	NA
AOC1-B52	AOC1-B52-D0.5	12/18/2017	0.5	8.6	9.1	NA	NA
AOC1-B54	AOC1-B54-D0.5	12/18/2017	0.5	37	7.3	NA	NA
AOC1-B55	AOC1-B55-D0.5	12/18/2017	0.5	32	7.3	NA	NA
AOC1-B57	AOC1-B57-D0.5	12/19/2017	0.5	9.7	8.0	NA	NA
	AOC1-B57-D0.5-DUP	12/19/2017	0.5	11	8.0	NA	NA
AOC1-B58	AOC1-B58-D0.5	12/18/2017	0.5	27	13	NA	NA
	AOC1-B58-D1.5	12/18/2017	1.5	NA	8.9	NA	NA
	AOC1-B58-D2.5	12/18/2017	2.5	NA	8.0	NA	NA
	AOC1-B58-N5-D0.5	2/24/2018	0.5	NA	8.0	NA	NA
	AOC1-B58-N5-D0.5-DUP	2/24/2018	0.5	NA	5.8	NA	NA
	AOC1-B58-N10-D0.5	2/24/2018	0.5	NA	9.3	NA	NA
	AOC1-B58-S5-D0.5	2/24/2018	0.5	NA	6.3	NA	NA

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ANALYTICAL RESULTS FOR LEAD AND ARSENIC IN SOIL
LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	Lead	Arsenic	STLC - Lead	TCLP - Lead
Units			ft bgs	mg/kg	mg/kg	mg/L	mg/L
USEPA Test Method			--	6010B	6010B	6010B	6010B
Screening Level			--	80	12	5.0	5.0
AOC1-B58 Con't.	AOC1-B58-S10-D0.5	2/24/2018	0.5	NA	5.9	NA	NA
	AOC1-B58-E5-D0.5	2/24/2018	0.5	NA	5.8	NA	NA
	AOC1-B58-E5-D0.5-DUP	2/24/2018	0.5	NA	8.4	NA	NA
AOC1-B58 / AOC1-B64	AOC1-B58/64-9-D0.5	2/24/2018	0.5	NA	7.9	NA	NA
AOC1-B59	AOC1-B59-D0.5	12/18/2017	0.5	23	7.5	NA	NA
	AOC1B59-D0.5-DUP	12/18/2017	0.5	13	7.7	NA	NA
AOC1-B60	AOC1-B60-D0.5	12/18/2017	0.5	4.0	3.6	NA	NA
	AOC1-B60-D0.5-DUP	12/18/2017	0.5	11	6.4	NA	NA
AOC1-B61	AOC1-B61-D0.5	12/18/2017	0.5	18	6.8	NA	NA
	AOC1-B61-D0.5-DUP	12/18/2017	0.5	9.7	5.9	NA	NA
AOC1-B62	AOC1-B62-D0.5	12/18/2017	0.5	15	7.8	NA	NA
AOC1-B63	AOC1-B63-D0.5	12/19/2017	0.5	9.0	7.0	NA	NA
AOC1-B64	AOC1-B64-D0.5	12/18/2017	0.5	35	13	NA	NA
	AOC1-B64-D1.5	12/18/2017	1.5	NA	9.1	NA	NA
	AOC1-B64-D2.5	12/18/2017	2.5	NA	7.6	NA	NA
	AOC1-B64-N5-D0.5	2/24/2018	0.5	NA	12	NA	NA
	AOC1-B64-N10-D0.5	2/24/2018	0.5	NA	7.3	NA	NA
	AOC1-B64-S5-D0.5	2/24/2018	0.5	NA	7.6	NA	NA
	AOC1-B64-S10-D0.5	2/24/2018	0.5	NA	6.0	NA	NA
	AOC1-B64-W5-D0.5	2/24/2018	0.5	NA	7.9	NA	NA
	AOC1-B64-W5-D0.5-DUP	2/24/2018	0.5	NA	12	NA	NA
	AOC1-B64-N5-D0.5-DUP	2/24/2018	0.5	NA	10	NA	NA
AOC1-B65	AOC1-B65-D0.5	12/18/2017	0.5	34	7.9	NA	NA
AOC1-B66	AOC1-B66-D0.5	12/19/2017	0.5	25	8.8	NA	NA
AOC1-B67	AOC1-B67-D0.5	12/18/2017	0.5	29	7.5	NA	NA
AOC1-B68	AOC1-B68-D0.5	12/19/2017	0.5	30	7.1	NA	NA
AOC1-B69	AOC1-B69-D0.5	12/19/2017	0.5	44	9.1	NA	NA
AOC1-B70	AOC1-B70-D0.5	12/18/2017	0.5	30	4.8	NA	NA
	AOC1-B70-D0.5-DUP	12/18/2017	0.5	23	6.9	NA	NA
AOC1-B71	AOC1-B71-D0.5	12/19/2017	0.5	18	6.5	NA	NA
AOC1-B72	AOC1-B72-D0.5	12/19/2017	0.5	38	5.5	NA	NA
AOC1-B73	AOC1-B73-D0.5	12/19/2017	0.5	37	4.3	NA	NA
AOC1-B74	AOC1-B74-D0.5	12/19/2017	0.5	23	5.0	NA	NA
AOC1-B75	AOC1-B75-D0.5	12/19/2017	0.5	6.7	5.0	NA	NA
AOC1-B76	AOC1-B76-D0.5	12/19/2017	0.5	13	7.1	NA	NA
AOC1-B77	AOC1-B77-D0.5	12/19/2017	0.5	19	19	NA	NA
	AOC1-B77-D1.5	12/19/2017	1.5	NA	37	NA	NA
	AOC1-B77-D2.5	12/19/2017	2.5	NA	20	NA	NA
	AOC1-B77-D3.5	3/26/2018	3.5	NA	7.2	NA	NA
	AOC1-B77-NW5-D0.5	2/19/2018	0.5	NA	31	NA	NA
	AOC1-B77-NW5-D1.5	2/19/2018	1.5	NA	20	NA	NA
	AOC1-B77-NW5-D2.5	2/19/2018	2.5	NA	13	NA	NA
	AOC1-B77-NW5-D2.5-DUP	2/19/2018	2.5	NA	9.4	NA	NA
	AOC1-B77-NW5-D3.5	3/26/2018	3.5	NA	9.4	NA	NA
	AOC1-B77-NW10-D0.5	2/19/2018	0.5	NA	12	NA	NA
	AOC1-B77-NW10-D1.5	2/19/2018	1.5	NA	16	NA	NA
	AOC1-B77-NW10-D2.5	2/19/2018	2.5	NA	13	NA	NA
	AOC1-B77-NW10-D3.5	3/26/2018	3.5	NA	9.9	NA	NA
	AOC1-B77-NW20-D0.5	3/26/2018	0.5	NA	23	NA	NA
	AOC1-B77-NW20-D0.5-DUP	3/26/2018	0.5	NA	11	NA	NA
	AOC1-B77-NW20-D1.5	3/26/2018	1.5	NA	10	NA	NA
	AOC1-B77-NW20-D2.5	3/26/2018	2.5	NA	8.5	NA	NA
	AOC1-B77-NW38-D0.5	3/26/2018	0.5	NA	20	NA	NA
	AOC1-B77-NW38-D0.5-DUP	3/26/2018	0.5	NA	19	NA	NA
	AOC1-B77-NW38-D1.5	3/26/2018	1.5	NA	6.5	NA	NA
	AOC1-B77-NW38-D2.5	3/26/2018	2.5	NA	8.7	NA	NA
	AOC1-B77-SW5-D0.5	2/19/2018	0.5	NA	10	NA	NA
	AOC1-B77-SW5-D1.5	2/19/2018	1.5	NA	31	NA	NA
	AOC1-B77-SW5-D2.5	2/19/2018	2.5	NA	16	NA	NA
	AOC1-B77-SW5-D3.5	5/12/2018	3.5	NA	9.3	NA	NA
	AOC1-B77-SW10-D0.5	2/19/2018	0.5	NA	12	NA	NA
	AOC1-B77-SW10-D1.5	2/19/2018	1.5	NA	7.1	NA	NA
	AOC1-B77-SW10-D2.5	2/19/2018	2.5	NA	5.2	NA	NA
	AOC1-B77-SE5-D0.5	2/19/2018	0.5	NA	26	NA	NA
	AOC1-B77-SE5-D1.5	2/19/2018	1.5	NA	16	NA	NA
	AOC1-B77-SE5-D2.5	2/19/2018	2.5	NA	8.7	NA	NA
	AOC1-B77-SE5-D3.5	3/26/2018	3.5	NA	9.3	NA	NA
	AOC1-B77-SE10-D0.5	2/19/2018	0.5	NA	32	NA	NA
	AOC1-B77-SE10-D1.5	2/19/2018	1.5	NA	13	NA	NA
	AOC1-B77-SE10-D2.5	2/19/2018	2.5	NA	6.7	NA	NA
	AOC1-B77-SE22-D0.5	3/26/2018	0.5	NA	21	NA	NA

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LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	Lead	Arsenic	STLC - Lead	TCLP - Lead
Units			ft bgs	mg/kg	mg/kg	mg/L	mg/L
USEPA Test Method			--	6010B	6010B	6010B	6010B
Screening Level			--	80	12	5.0	5.0
AOC1-B77	AOC1-B77-SE22-D1.5	3/26/2018	1.5	NA	15	NA	NA
Con't.	AOC1-B77-SE22-D2.5	3/26/2018	2.5	NA	7.4	NA	NA
AOC1-B78	AOC1-B78-D0.5	12/19/2017	0.5	37	13	NA	NA
	AOC1-B78-D1.5	12/19/2017	1.5	NA	16	NA	NA
	AOC1-B78-D2.5	12/19/2017	2.5	NA	12	NA	NA
	AOC1-B78-NW5-D0.5	2/19/2018	0.5	NA	14	NA	NA
	AOC1-B78-NW5-D1.5	2/19/2018	1.5	NA	8.6	NA	NA
	AOC1-B78-NW10-D0.5	2/19/2018	0.5	NA	19	NA	NA
	AOC1-B78-NW10-D0.5-DUP	2/19/2018	0.5	NA	22	NA	NA
	AOC1-B78-NW10-D1.5	2/19/2018	1.5	NA	7.5	NA	NA
	AOC1-B78-NW22-D0.5	3/26/2018	0.5	NA	11	NA	NA
	AOC1-B78-SE5-D0.5	2/19/2018	0.5	NA	31	NA	NA
	AOC1-B78-SE5-D1.5	2/19/2018	1.5	NA	8.5	NA	NA
	AOC1-B78-SE5-D1.5-DUP	2/19/2018	1.5	NA	8.6	NA	NA
	AOC1-B78-SW5-D0.5	2/19/2018	0.5	NA	7.6	NA	NA
	AOC1-B78-SW5-D1.5	2/19/2018	1.5	NA	8.6	NA	NA
	AOC1-B78-SW10-D0.5	2/19/2018	0.5	NA	8.4	NA	NA
	AOC1-B78-SW10-D0.5-DUP	2/19/2018	0.5	NA	7.3	NA	NA
	AOC1-B78-SW10-D1.5	2/19/2018	1.5	NA	6.8	NA	NA
AOC1-B79	AOC1-B79-D0.5	12/19/2017	0.5	4.9	3.4	NA	NA
AOC1-B80	AOC1-B80-D0.5	12/19/2017	0.5	3.7	2.7J	NA	NA
AOC1-B81	AOC1-B81-D0.5	12/19/2017	0.5	22	16	NA	NA
	AOC1-B81-D1.5	12/19/2017	1.5	NA	11	NA	NA
	AOC1-B81-D2.5	12/19/2017	2.5	NA	14	NA	NA
	AOC1-B81-D3.5	5/12/2018	3.5	NA	8.3	NA	NA
	AOC1-B81-NE5-D0.5	2/19/2018	0.5	NA	15	NA	NA
	AOC1-B81-NE5-D1.5	2/19/2018	1.5	NA	7.1	NA	NA
	AOC1-B81-NE5-D2.5	2/19/2018	2.5	NA	9.4	NA	NA
	AOC1-B81-NE10-D0.5	2/19/2018	0.5	NA	19	NA	NA
	AOC1-B81-NE10-D1.5	2/19/2018	1.5	NA	8.1	NA	NA
	AOC1-B81-NE10-D2.5	2/19/2018	2.5	NA	6.9	NA	NA
	AOC1-B81-NE15-D0.5	3/26/2018	0.5	NA	23	NA	NA
	AOC1-B81-NE15-D0.DUP	3/26/2018	0.5	NA	26	NA	NA
	AOC1-B81-NE15-D1.5	3/26/2018	1.5	NA	8.6	NA	NA
	AOC1-B81-NE15-D2.5	3/26/2018	2.5	NA	4.8	NA	NA
	AOC1-B81-NE20-D0.5	3/26/2018	0.5	NA	33	NA	NA
	AOC1-B81-NE20-D1.5	3/26/2018	1.5	NA	6.6	NA	NA
	AOC1-B81-NE20-D2.5	3/26/2018	2.5	NA	4.7	NA	NA
	AOC1B81-NE35-D0.5	5/12/2018	0.5	NA	20	NA	NA
	AOC1B81-NE35-D0.5 DUP	5/12/2018	0.5	NA	11	NA	NA
	AOC1B81-NE35-D1.5	5/12/2018	1.5	NA	6.6	NA	NA
	AOC1B81-NE35-D2.5	5/12/2018	2.5	NA	6.7	NA	NA
	AOC1-B81-NW5-D0.5	2/19/2018	0.5	NA	6.5	NA	NA
	AOC1-B81-NW5-D1.5-DUP	2/19/2018	1.5	NA	6.5	NA	NA
	AOC1-B81-NW5-D1.5	2/19/2018	1.5	NA	5.4	NA	NA
	AOC1-B81-NW5-D2.5	2/19/2018	2.5	NA	5.9	NA	NA
	AOC1-B81-SE5-D0.5	2/19/2018	0.5	NA	6.4	NA	NA
	AOC1-B81-SE5-D1.5	2/19/2018	1.5	NA	6.4	NA	NA
	AOC1-B81-SE5-D2.5	2/19/2018	2.5	NA	7.1	NA	NA
	AOC1-B81-SE10-D0.5	2/19/2018	0.5	NA	6.8	NA	NA
	AOC1-B81-SE10-D1.5	2/19/2018	1.5	NA	6.4	NA	NA
	AOC1-B81-SE10-D2.5	2/19/2018	2.5	NA	6.7	NA	NA
	AOC1-B81-SW5-D0.5	2/19/2018	0.5	NA	14	NA	NA
	AOC1-B81-SW5-D1.5	2/19/2018	1.5	NA	6.9	NA	NA
	AOC1-B81-SW5-D1.5-DUP	2/19/2018	1.5	NA	7.3	NA	NA
	AOC1-B81-SW5-D2.5	2/19/2018	2.5	NA	6.8	NA	NA
	AOC1-B81-SW10-D0.5	2/19/2018	0.5	NA	33	NA	NA
	AOC1-B81-SW10-D1.5	2/19/2018	1.5	NA	12	NA	NA
	AOC1-B81-SW10-D2.5	2/19/2018	2.5	NA	12	NA	NA
	AOC1-B81-SW15-D0.5	3/26/2018	0.5	NA	18	NA	NA
	AOC1-B81-SW15-D1.5	3/26/2018	1.5	NA	7.5	NA	NA
	AOC1-B81-SW15-D2.5	3/26/2018	2.5	NA	6.4	NA	NA
	AOC1-B81-SW20-D0.5	3/26/2018	0.5	NA	26	NA	NA
	AOC1-B81-SW20-D0.5-DUP	3/26/2018	0.5	NA	3.7	NA	NA
	AOC1-B81-SW20-D1.5	3/26/2018	1.5	NA	6.3	NA	NA
	AOC1-B81-SW20-D2.5	3/26/2018	2.5	NA	5.5	NA	NA
AOC1-B82	AOC1-B82-D0.5	12/19/2017	0.5	3.8	3.1	NA	NA
AOC1-B83	AOC1-B83-D0.5	12/19/2017	0.5	10	7.0	NA	NA
AOC1-B84	AOC1-B84-D0.5	12/19/2017	0.5	17	9.8	NA	NA
AOC1-B85	AOC1-B85-D0.5	12/19/2017	0.5	6.8	6.1	NA	NA
AOC1-B86	AOC1-B86-D0.5	12/19/2017	0.5	4.8	2.8J	NA	NA
AOC1-B87	AOC1-B87-D0.5	12/19/2017	0.5	7.6	7.0	NA	NA
AOC1-B88	AOC1-B88-D0.5	12/19/2017	0.5	10	8.7	NA	NA

TABLE 2
ANALYTICAL RESULTS FOR LEAD AND ARSENIC IN SOIL
LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	Lead	Arsenic	STLC - Lead	TCLP - Lead
Units			ft bgs	mg/kg	mg/kg	mg/L	mg/L
USEPA Test Method			--	6010B	6010B	6010B	6010B
Screening Level			--	80	12	5.0	5.0
AOC1-B89	AOC1-B89-D0.5	12/19/2017	0.5	8.1	6.4	NA	NA
AOC1-B90	AOC1-B90-D0.5	12/21/2017	0.5	9.1	6.2	NA	NA
AOC1-B91	AOC1-B91-D0.5	12/21/2017	0.5	61	19	NA	NA
	AOC1-B91-D1.5	12/21/2017	1.5	NA	7.3	NA	NA
	AOC1-B91-D2.5	12/21/2017	2.5	NA	6.0	NA	NA
	AOC1-B91-N5-D0.5	2/24/2018	0.5	NA	25	NA	NA
	AOC1-B91-N5-D1.5	2/24/2018	1.5	NA	15	NA	NA
	AOC1-B91-N5-D2.5	2/24/2018	2.5	NA	15	NA	NA
	AOC1-B91-N5-D3.5	5/12/2018	3.5	NA	6.7	NA	NA
	AOC1-B91-N10-D0.5	2/24/2018	0.5	NA	7.2	NA	NA
	AOC1-B91-N10-D0.5-DUP	2/24/2018	0.5	NA	16	NA	NA
	AOC1-B91-N10-D1.5	2/24/2018	1.5	NA	8.6	NA	NA
	AOC1-B91-N10-D2.5	2/24/2018	2.5	NA	4.8	NA	NA
	AOC1-B91-N15-D0.5	3/26/2018	0.5	NA	14	NA	NA
	AOC1-B91-N15-D1.5	3/26/2018	1.5	NA	5.1	NA	NA
	AOC1-B91-N15-D2.5	3/26/2018	2.5	NA	4.2	NA	NA
	AOC1-B91-N20-D0.5	3/26/2018	0.5	NA	16	NA	NA
	AOC1-B91-N20-D1.5	3/26/2018	1.5	NA	6.4	NA	NA
	AOC1-B91-N20-D2.5	3/26/2018	2.5	NA	3.2	NA	NA
	AOC1-B91-N30-D0.5	5/12/2018	0.5	NA	7.3	NA	NA
	AOC1-B91-S5-D0.5	2/24/2018	0.5	NA	21	NA	NA
	AOC1-B91-S5-D1.5	2/24/2018	1.5	NA	7.5	NA	NA
	AOC1-B91-S5-D2.5	2/24/2018	2.5	NA	4.5	NA	NA
	AOC1-B91-S10-D0.5	2/24/2018	0.5	NA	5.8	NA	NA
	AOC1-B91-S10-D0.5-DUP	2/24/2018	0.5	NA	7.3	NA	NA
	AOC1-B91-E5-D0.5	3/26/2018	0.5	NA	6.0	NA	NA
	AOC1-B91-E10-D0.5	3/26/2018	0.5	NA	4.3	NA	NA
	AOC1-B91-E10-D0.5-DUP	3/26/2018	0.5	NA	1.9 J	NA	NA
AOC1-B92	AOC1-B92-D0.5	12/21/2017	0.5	58	9.0	NA	NA
AOC1-B93	AOC1-B93-D0.5	12/20/2017	0.5	9.0	6.0	NA	NA
AOC1-B94	AOC1-B94-D0.5	12/20/2017	0.5	6.4	7.9	NA	NA
AOC1-B95	AOC1-B95-D0.5	12/20/2017	0.5	7.0	7.5	NA	NA
AOC1-B96	AOC1-B96-D0.5	12/20/2017	0.5	12	8.1	NA	NA
AOC1-B97	AOC1-B97-D0.5	12/20/2017	0.5	19	8.5	NA	NA
AOC1-B98	AOC1-B98-D0.5	12/21/2017	0.5	7.6	6.8	NA	NA
AOC1-B99	AOC1-B99-D0.5	12/21/2017	0.5	47	9.1	NA	NA
AOC1-B100	AOC1-B100-D0.5	12/21/2017	0.5	83	11	1.5	NA
	AOC1-B100-D1.5	12/21/2017	1.5	7.0	NA	NA	NA
	AOC1-B100-D2.5	12/21/2017	2.5	8.4	NA	NA	NA
	AOC1-B100-N5-D0.5	2/19/2018	0.5	9.8	NA	NA	NA
	AOC1-B100-S5-D0.5	2/19/2018	0.5	11	NA	NA	NA
	AOC1-B100-S10-D0.5	2/19/2018	0.5	26	NA	NA	NA
	AOC1-B100-E5-D0.5	2/19/2018	0.5	21	NA	NA	NA
	AOC1-B100-E5-D0.5-DUP	2/19/2018	0.5	13	NA	NA	NA
	AOC1-B100-E10-D0.5	2/19/2018	0.5	29	NA	NA	NA
	AOC1-B100-W5-D0.5	2/19/2018	0.5	36	NA	NA	NA
	AOC1-B100-W10-D0.5	2/19/2018	0.5	17	NA	NA	NA
AOC1-B101	AOC1-B101-D0.5	12/21/2017	0.5	6.0	7.0	NA	NA
	AOC1-B101-D0.5 DUP	12/21/2017	0.5	6.0	5.7	NA	NA
AOC1-B102	AOC1-B102-D0.5	12/21/2017	0.5	8.2	5.1	NA	NA
AOC1-B103	AOC1-B103-D0.5	12/21/2017	0.5	4.6	3.8	NA	NA
AOC1-B104	AOC1-B104-D0.5	12/21/2017	0.5	7.1	5.0	NA	NA
AOC1-B105	AOC1-B105-D0.5	12/21/2017	0.5	7.0	5.7	NA	NA
AOC1-B106	AOC1-B106-D0.5	12/21/2017	0.5	6.2	6.0	NA	NA
AOC1-B107	AOC1-B107-D0.5	12/21/2017	0.5	6.5	6.1	NA	NA
AOC1-B108	AOC1-B108-D0.5	12/21/2017	0.5	110	17	0.19	NA
	AOC1-B108-D1.5	12/21/2017	1.5	6.3	9.6	NA	NA
	AOC1-B108-D2.5	12/21/2017	2.5	8.3	7.1	NA	NA
	AOC1-B108-S5-D0.5	2/19/2018	0.5	6.0	6.0	NA	NA
	AOC1-B108-S10-D0.5	2/19/2018	0.5	7.4	5.6	NA	NA
	AOC1-B108-S10-D0.5-DUP	2/20/2018	1.5	5.3	5.8	NA	NA
	AOC1-B108-E5-D0.5	2/19/2018	0.5	6.6	8.1	NA	NA
AOC1-B109	AOC1-B109-D0.5	12/21/2017	0.5	5.9	5.7	NA	NA
AOC1-B110	AOC1-B110-D0.5	12/21/2017	0.5	6.9	6.4	NA	NA
AOC1-B111	AOC1-B111-D0.5	12/21/2017	0.5	8.6	4.2	NA	NA
AOC1-B112	AOC1-B112-D0.5	12/21/2017	0.5	9.3	13	NA	NA
	AOC1-B112-D1.5	12/21/2017	1.5	NA	8.4	NA	NA
	AOC1-B112-D2.5	12/21/2017	2.5	NA	6.2	NA	NA
	AOC1-B112-N5-D0.5	2/19/2018	0.5	NA	13	NA	NA
	AOC1-B112-N5-D1.5	2/19/2018	1.5	NA	7.1	NA	NA
	AOC1-B112-N5-D2.5	2/19/2018	2.5	NA	8.7	NA	NA
	AOC1-B112-N10-D0.5	2/19/2018	0.5	NA	13	NA	NA
	AOC1-B112-N10-D1.5	2/19/2018	1.5	NA	7.8	NA	NA

TABLE 2
ANALYTICAL RESULTS FOR LEAD AND ARSENIC IN SOIL
LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	Lead	Arsenic	STLC - Lead	TCLP - Lead
Units			ft bgs	mg/kg	mg/kg	mg/L	mg/L
USEPA Test Method			--	6010B	6010B	6010B	6010B
Screening Level			--	80	12	5.0	5.0
AOC1-B112 Con't.	AOC1-B112-N10-D2.5	2/19/2018	2.5	NA	8.2	NA	NA
	AOC1-B112-N15-D0.5	3/26/2018	0.5	NA	15	NA	NA
	AOC1-B112-N15-D0.5-DUP	3/26/2018	0.5	NA	11	NA	NA
	AOC1-B112-N15-D1.5	3/26/2018	1.5	NA	5.4	NA	NA
	AOC1-B112-N15-D2.5	3/26/2018	2.5	NA	9.2	NA	NA
	AOC1-B112-N20-D0.5	3/26/2018	0.5	NA	7.5	NA	NA
	AOC1-B112-W5-D0.5	2/19/2018	0.5	NA	8.2	NA	NA
	AOC1-B112-W5-D0.5-DUP	2/19/2018	0.5	NA	8.4	NA	NA
	AOC1-B112-W10-D0.5	2/19/2018	0.5	NA	7.8	NA	NA
AOC1-B113	AOC1-B113-D0.5	12/21/2017	0.5	21	12	NA	NA
AOC1-B114	AOC1-B114-D0.5	12/21/2017	0.5	12	6.9	NA	NA
	AOC1-B114-D0.5 DUP	12/21/2017	0.5	13	6.4	NA	NA
AOC1-B115	AOC1-B115-D0.5	12/21/2017	0.5	45	9.6	NA	NA

NOTES:

mg/kg = milligrams per kilogram

Arsenic and lead analyzed by EPA Method 6010B

Derivation of the screening level is explained in text

Yellow highlighted cell = lead value >80 mg/kg or arsenic value >12 mg/kg

Grey highlighted cell indicates step-out sample

NA = not analyzed

TABLE 3
ANALYTICAL RESULTS FOR POLYCHLORINATED BIPHENYLS IN SOIL
LAUSD Reseda High School PEA Equivalent

Sample ID	Sample Collection Date	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
RSLs		4,100	200	170	230	230	240	240
AOC1-B12-D0.5	12/20/2017	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100
AOC1-B17-D0.5	12/20/2017	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100
AOC1-B18-D0.5	12/20/2017	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110
AOC1-B18-D0.5 DUP	12/20/2017	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100
AOC1-B21-D0.5	12/20/2017	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	65J
AOC1-B21-D0.5 DUP	12/20/2017	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	44J
AOC1-B25-D0.5	12/20/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC1-B28-D0.5	12/20/2017	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110
AOC1-B33-D0.5	12/18/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	24J
AOC1-B34-D0.5	12/18/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	42J
AOC1-B44-D0.5	12/18/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC1-B48-D0.5	12/19/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC1-B48-D0.5 DUP	12/19/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC1-B54-D0.5	12/19/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	17J
AOC1-B57-D0.5	12/19/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC1-B57-D0.5 DUP	12/19/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC1-B95-D0.5	12/20/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC1-B101-D0.5	12/21/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC1-B101-D0.5 DUP	12/21/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC1-B114-D0.5	12/21/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC1-B114-D0.5 DUP	12/21/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC2-B1-D0.5	12/20/2017	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100	ND<100
AOC2-B1-D0.5 DUP	12/20/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC2-B2-D0.5	12/20/2017	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110	ND<110
AOC4-B1-5.0	12/22/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-B1-5.0 DUP	12/22/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-B2-5.0	12/22/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-SV6-5	3/26/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV6-15	3/26/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV8-5	3/26/2018	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-SV8-15	3/26/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV9-5	3/26/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV9-15	3/26/2018	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-SV9-15 DUP	3/26/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV10-5	3/26/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV10-15	3/26/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV11-5	5/12/2018	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-SV11-15	5/12/2018	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-SV12-5	5/12/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV12-15	5/12/2018	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50
AOC4-SV13-5	5/12/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV13-15	5/12/2018	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49
AOC4-SV13-15DUP	5/12/2018	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48

NOTES:

ug/kg - micrograms/ kilogram

PCBs = polychlorinated biphenyls analyzed by Environmental Protection Agency Method 8082

ND = not detected

J = estimated at the value given

Resident Soil Regional Screening Levels (RSLs) were used as screening values.

TABLE 4
ANALYTICAL RESULTS FOR ORGANOCHLORINE PESTICIDES IN SOIL
LAUSD Reseda High School PEA Equivalent

Sample ID	Depth (ft below grade)	Sample Collection Date	4,4'-DDD	4,4'-DDE	4,4'-DDT	Chlordane (technical)	Dieldrin	Other OCPs
RSLs*			317	333	317	73	5.7	--
Units			µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
AOC1(B1,B2,B3,B4,B5-0.5)	0.5	12/20/17	ND	13	22	34	ND	ND
AOC1(B6,B8,B9,B10-0.5)	0.5	12/20/17	ND	6.8	1.8	12	ND	ND
AOC1(B11,B12,B13,B23-0.5)	0.5	12/20/17	ND	3.4	3.8	ND	ND	ND
AOC1(B14,B15,B16,B17,B18-0.5)	0.5	12/20/17	ND	2.3	2.6	ND	ND	ND
AOC1(B14,B15,B16,B17,B18-0.5) DUP	0.5	12/20/17	ND	2.8	1.8	ND	ND	ND
AOC1(B19,B20,B21,B22-0.5')	0.5	12/20/17	ND	6.4	6.3	14	ND	ND
AOC1(B19,B20,B21,B22-0.5') DUP	0.5	12/20/17	ND	3.1	2.4	14	ND	ND
AOC1(B24,B25,B26,B27, B28,B29-0.5')	0.5	12/20/17	ND	1.9	4.6	ND	ND	ND
AOC1(B30,B31,B33,B34-0.5')	0.5	12/19/17	ND	2.1	4.1	32	ND	ND
AOC1(B36,B37,B38,B39-0.5')	0.5	12/19/17	ND	4.2	3.0	22	ND	ND
AOC1(B40,B41,B43,B44,B45-0.5')	0.5	12/19/17	ND	6.6	ND	15	ND	ND
AOC1(B46,B47,B48,B51-0.5')	0.5	12/19/17	ND	5.8	3.6	15	ND	ND
AOC1(B52,B54,B55,B60-0.5')	0.5	12/19/17	1.6	18	15	15	ND	ND
AOC1(B62,B63,B64,B65,B66-0.5')	0.5	12/19/17	ND	15	14	51	4.0	ND
AOC1(B67,B68,B69,B70,B71-0.5')	0.5	12/19/17	ND	13	11	36	2.5	ND
AOC1(B72,B73,B74,B75-0.5')	0.5	12/19/17	ND	9.3	8.0	44	3.5	ND
AOC1(B76,B77,B78,B79,B80,B81-0.5')	0.5	12/19/17	ND	18	7.5	14	ND	ND
AOC1(B82,B83,B84,B85-0.5')	0.5	12/19/17	ND	11	5.6	ND	ND	ND
AOC1(B86,B87,B88,B89-0.5')	0.5	12/21/17	ND	4.6	2.0	ND	ND	ND
AOC1(B90,B91,B92,B93,B94,B95-0.5')	0.5	12/21/17	ND	14	7.1	31	2.0	ND
AOC1(B96,B97,B98,B99,B100,B101-0.5')	0.5	12/21/17	ND	5.8	3.6	15	ND	ND
AOC1(B102,B103,B104,B105-0.5')	0.5	12/21/17	ND	1.8	ND	ND	ND	ND
AOC1(B102,B103,B104,B105-0.5') DUP	0.5	12/21/17	ND	6.1	3.6	ND	ND	ND
AOC1(B106,B107,B108,B109,B110,B111-0.5')	0.5	12/21/17	ND	6.0	2.5	ND	ND	ND
AOC1(B112,B113,B114,B115-0.5')	0.5	12/21/17	ND	2.8	ND	ND	ND	ND
AOC1(B112,B113,B114,B115-0.5') DUP	0.5	12/21/17	ND	3.5	ND	ND	ND	ND

Notes:

ND = Not detected

µg/kg = micrograms per kilogram

Samples analyzed by Environmental Protection Agency Method 8081A.

All samples are composite samples which were composited by the laboratory

*Screening Levels from USEPA RSLs (2018) unless DTSC (2017) has published a screening value of its own, termed the DTSC-SLs

Screening levels were divided by six to ensure that no pesticides may have been present in any of the increments that were composited above the screening levels.

TABLE 5
ANALYTICAL RESULTS FOR DIOXINS AND FURANS IN SOIL
LAUSD Reseda High School PEA Equivalent

Congener	AOC3-B1-D0.5	AOC3-B1-D0.5-DUP	2005 WHO	AOC3-B1-D0.5	AOC3-B1-D0.5-DUP
	(pg/g)	(pg/g)	TEF	(TEF pg/g)	(TEF pg/g)
2,3,7,8-TCDF	0.53	0.54	0.1	0.053	0.054
1,2,3,4,7,8-HxCDD	0.84	0.89	0.1	0.084	0.089
1,2,3,6,7,8-HxCDD	1.2	1	0.1	0.12	0.1
1,2,3,7,8,9-HxCDD	0.96	ND	0.1	0.096	-
1,2,3,6,7,8-HxCDF	4.4	3.9	0.1	0.44	0.39
1,2,3,4,6,7,8-HpCDD	26	25	0.01	0.26	0.25
1,2,3,4,6,7,8-HpCDF	5.4	5	0.01	0.054	0.05
OCDD	280	250	0.0003	0.084	0.075
OCDF	15	13	0.0003	0.0045	0.0039
		sum	pg/g	1.1955	1.0119
		sum	mg/kg	1.2E-06	1.0E-06
		Residential RSL	mg/kg	4.80E-06	4.80E-06
		DTSC residential RG	mg/kg	5.00E-06	5.00E-06

TABLE 6
ANALYTICAL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS IN SOIL
LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	GRO (C4-C12)	DRO (C13-C22)	ORO (C23-C40)
Units			--	mg/kg	mg/kg	mg/kg
USEPA Test Method			--	8015M	8015M	8015M
SFB RWQCB ESL (human health)			--	736	226	10,746
AOC4-B1	AOC4-B1-5.0	12/22/2017	5	<0.4	<5.0	5.1
AOC4-B1	AOC4-B1-5.0 DUP	12/22/2017	5	<0.39	<5.0	5.3
AOC4-B2	AOC4-B2-5.0	12/22/2017	5	<0.4	<5.0	4.6J
AOC4-SV6	AOC4-SV6-5	3/26/2018	5	<0.4	<5.0	3.3JB
AOC4-SV6	AOC4-SV6-15	3/26/2018	15	<0.4	<5.0	5.1B
AOC4-SV8	AOC4-SV8-5	3/26/2018	5	<0.4	<4.9	21B
AOC4-SV8	AOC4-SV8-15	3/26/2018	15	<0.4	<4.9	5.4B
AOC4-SV9	AOC4-SV9-5	3/26/2018	5	<0.4	<5.0	3.2JB
AOC4-SV9	AOC4-SV9-15	3/26/2018	15	<0.4	<4.9	2.8JB
AOC4-SV9	AOC4-SV9-15 DUP	3/26/2018	15	<0.39	<4.9	<4.9
AOC4-SV10	AOC4-SV10-5	3/26/2018	5	<0.4	<4.9	3.6JB
AOC4-SV10	AOC4-SV10-15	3/26/2018	15	<0.4	<4.9	<4.9
AOC4-SV11	AOC4-SV11-5	5/12/2018	5	<0.4	<4.9	5.9
AOC4-SV11	AOC4-SV11-15	5/12/2018	15	<0.4	<4.9	3.2J
AOC4-SV12	AOC4-SV12-5	5/12/2018	5	<0.39	<4.9	4.8J
AOC4-SV12	AOC4-SV12-15	5/12/2018	15	<0.4	<5.0	3.7J
AOC4-SV13	AOC4-SV13-5	5/12/2018	5	<0.4	<4.9	2.4J
AOC4-SV13	AOC4-SV13-15	5/12/2018	15	<0.4	<5.0	2.5J
AOC4-SV13	AOC4-SV13-15DUP	5/12/2018	15	<0.39	<5.0	<5.0

NOTES:

mg/kg - miligrams/ kilogram

Total petroleum hydrocarbons analyzed by Environmetnal Protection Agency Method 8015M

TPH = total petroleum hydrocarbons

GRO = gasoline range organics

DRO = diesel range organics

ORO = oil range organics

ND = not detected

Showing the San Francisco Regional Board (2016) risk-based direct contact screening levels

TABLE 7
ANALYTICAL RESULTS FOR VOLATILE ORGANIC COMPOUNDS IN SOIL
LAUSD Reseda High School PEA Equivalent

Location	Sample ID	Sample Date	Sample Depth	Benzene	2- Butanone	Ethylbenzene	Napthalene	PCE	Toluene	1,2,3- Trichlorobenzene	All Other VOCs
Units			ft bgs	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
USEPA Test Method			--	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
Screening Level			--	330	27,000	5,800	3,800	590	1,100,000	63,000	--
AOC4-B1	AOC4-B1-5.0	12/22/2017	5	1.8	ND<9.2	ND<1.8	ND<4.6	ND<1.8	2.0	ND<4.6	ND
AOC4-B1	AOC4-B1-5.0 DUP	12/22/2017	5	2.2	ND<8.9	0.94J	ND<4.4	ND<1.8	2.7	ND<4.4	ND
AOC4-B2	AOC4-B2-5.0	12/22/2017	5	2.5	ND<11	ND<2.2	ND<5.5	ND<2.2	2.0J	ND<5.5	ND
AOC4-SV6	AOC4-SV6-5.0	3/26/2018	5	3.2	ND<9.4	1.3J	ND<4.7	ND<1.9	3.9	ND<4.7	ND
AOC4-SV6	AOC4-SV6-15	3/26/2018	15	1.7J	ND<10	ND<2.1	ND<5.2	ND<2.1	1.5J	ND<5.2	ND
AOC4-SV8	AOC4-SV8-5	3/26/2018	5	1.6	ND<8.0	2.0	ND<4.0	ND<1.6	3.0	ND<4.0	ND
AOC4-SV8	AOC4-SV8-15	3/26/2018	15	1.7	5.9J	1.1J	ND<4.3	ND<1.7	2.3	ND<4.3	ND
AOC4-SV9	AOC4-SV9-5	3/26/2018	5	2.2	ND<8.7	<1.7	ND<4.3	ND<1.7	2.5	ND<4.3	ND
AOC4-SV9	AOC4-SV9-15	3/26/2018	15	1.0J	ND<8.3	ND<1.7	ND<4.2	ND<1.7	1.2J	ND<4.2	ND
AOC4-SV9	AOC4-SV9-15 DUP	3/26/2018	15	0.97J	ND<9.1	ND<1.8	ND<4.5	ND<1.8	ND<1.5	ND<4.5	ND
AOC4-SV10	AOC4-SV10-5	3/26/2018	5	2.3	6.1J	1.5J	1.7J	1.2J	2.9	0.97J	ND
AOC4-SV10	AOC4-SV10-15	3/26/2018	15	1.3J	ND<8.2	ND<1.6	ND<4.1	ND<1.6	1.2J	ND<4.1	ND
AOC4-SV11	AOC4-SV11-5	5/12/2018	5	ND<1.6	ND<8.1	ND<1.6	ND<4.1	ND<1.6	ND<1.6	ND<4.1	ND
AOC4-SV11	AOC4-SV11-15	5/12/2018	15	ND<1.6	ND<7.8	ND<1.6	ND<3.9	ND<1.6	ND<1.6	ND<3.9	ND
AOC4-SV12	AOC4-SV12-5	5/12/2018	5	ND<1.6	ND<8.1	ND<1.6	ND<4.0	ND<1.6	ND<1.6	ND<4.0	ND
AOC4-SV12	AOC4-SV12-15	5/12/2018	15	ND<1.6	ND<7.8	ND<1.6	ND<3.9	ND<1.6	ND<1.6	ND<3.9	ND
AOC4-SV13	AOC4-SV13-5	5/12/2018	5	ND<1.4	ND<7.1	ND<1.4	ND<3.6	ND<1.4	ND<1.4	ND<3.6	ND
AOC4-SV13	AOC4-SV13-15	5/12/2018	15	ND<1.5	ND<7.4	ND<1.5	ND<3.7	ND<1.5	ND<1.5	ND<3.7	ND
AOC4-SV13	AOC4-SV13-15DUP	5/12/2018	15	ND<1.4	ND<7.0	ND<1.4	ND<3.5	ND<1.4	ND<1.4	ND<3.5	ND

NOTES:

µg/kg - micrograms/ kilogram

Volatile organic compounds analyzed by Environmetnal Protection Agency Method 8260B

VOCs = Volatile organic compounds

PCE = tetrachloroethene

ND = not detected

Screening Levels from USEPA RSLs (2018) unless DTSC (2017) has published a screening value of its own, termed the DTSC-SLs

TABLE 8
ANALYTICAL RESULTS FOR TITLE 22 METALS IN SOIL
LAUSD Reseda High School PEA Equivalent

Sample ID	Sample Date	Sample Depth	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
Units		ft bgs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
USEPA Test Method		--	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B
Screening Level ^(a)		--	31	12	15,000	15	5.2	36,000	23	3,100	80	23	390	1,500	390	390	0.78	390	23,000
AOC4-B1-5.0	12/22/2017	5	ND	7.5	160	0.92	2.4	32	7.6	27	5.2	0.021	6.5	35	ND	ND	ND	69	72
AOC4-B1-5.0 DUP	12/22/2017	5	ND	5.9	140	0.76	2.1	29	6.8	24	4.5	0.028	5.8	31	ND	ND	ND	61	65
AOC4-B2-5.0	12/22/2017	5	ND	9.4	200	1.2	3.0	43	9.9	37	7.1	0.025	7.7	45	ND	ND	ND	88	94

^(a) Screening levels are lower of the USEPA Regional Screening Levels (RSLs) or HERO HHRA Note No.3, Table 1 (October 2015) screening levels. The DTSC school screening level is used for lead. The DTSC background level is used for arsenic

ft bgs = feet below ground surface

mg/kg = milligrams/kilogram

Table 9
Soil Vapor Sampling Analytical Results
LAUSD Reseda High School PEA Equivalent

Sample Location	Sample ID	Depth	Sample Date	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Benzene	Dichlorodifluoro methane	Isopropylbenzene	4-Isopropyltoluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene (PCE)	Toluene
Units		ft	--	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Screening Level (current)				105,000	210,000	210,000	49	50,000	210,000	--	31,500	31,500	50,000	50,000	230	155,000
Screening Level (Future)				7,000	14,000	14,000	3.2	3,333	14,000	--	2,100	2,100	3,333	3,333	15	10,333
AOC4-SV1	AOC4-SV1-5	5	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	259	15
	AOC4-SV1-15	15	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	322	ND
	AOC4-SV1-5	5	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	226	ND
	AOC4-SV1-5 REP	5	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	195	ND
	AOC4-SV1-15	15	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	257	ND
	AOC4-SV1-5	5	4/21/2018	ND	ND	9	ND	ND	ND	ND	ND	ND	14	ND	252	ND
	AOC4-SV1-15	15	4/21/2018	12	14	12	ND	ND	11	10	10	10	16	ND	294	ND
AOC4-SV2	AOC4-SV2-5	5	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	186	ND
	AOC4-SV2-5 REP	5	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	197	ND
	AOC4-SV2-15	15	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	173	ND
	AOC4-SV2-5	5	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	149	ND
	AOC4-SV2-15	15	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	125	ND
AOC4-SV3	AOC4-SV3-5	5	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	ND	322	ND
	AOC4-SV3-15	15	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	448	ND
	AOC4-SV3-5	5	4/21/2018	ND	ND	ND	ND	8	ND	ND	ND	ND	ND	ND	416	ND
	AOC4-SV3-5 REP	5	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	455	ND
	AOC4-SV3-15	15	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	489	ND
AOC4-SV4	AOC4-SV4-5	5	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	118	ND
	AOC4-SV4-15	15	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	179	9
AOC4-SV5	AOC4-SV5-5	5	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	AOC4-SV5-15	15	2/27/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	40
AOC4-SV6	AOC4-SV6-5	5	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93	ND
	AOC4-SV6-15	15	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	147	ND
AOC4-SV8	AOC4-SV8-5	5	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	265	ND
	AOC4-SV8-15	15	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	387	ND
AOC4-SV9	AOC4-SV9-5	5	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	144	ND
	AOC4-SV9-15	15	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	146	ND
	AOC4-SV9-15 REP	15	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150	ND
AOC4-SV10	AOC4-SV10-5	5	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	473	ND
	AOC4-SV10-15	15	4/21/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	465	ND
AOC4-SV11	AOC4-SV11-5	5	5/22/2018	ND	ND	ND	28	ND	ND	ND	ND	ND	ND	ND	296	32
	AOC4-SV11-15	15	5/22/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	292	ND
AOC4-SV12	AOC4-SV12-5	5	5/22/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	105	ND
	AOC4-SV12-15	15	5/22/2018	ND	ND	ND	98	ND	ND	ND	ND	ND	ND	ND	183	76
AOC4-SV13	AOC4-SV13-5	5	5/22/2018	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	17	16
	AOC4-SV13-15	15	5/22/2018	ND	ND	ND	ND	8	ND	ND	ND	ND	ND	ND	35	ND
	AOC4-SV13-15REP	15	5/22/2018	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	18	14
AOC5-SV1	AOC5-SV1-5	5	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	AOC5-SV1-15	15	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15
AOC5-SV2	AOC5-SV2-5	5	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9
	AOC5-SV2-15	15	1/3/2018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11

Value Exceeds Screening Level
Derivation of the screening levels is explained in text.

Table 10
Sub-Slab Sampling Analytical Results
LAUSD Reseda High School PEA Equivalent

Sample Location	Sample ID	Depth	Sample Date	Benzene	m,p-Xylene	o-Xylene	Tetrachloroethene (PCE)	Toluene
Units		ft	--	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Screening Level (current)				1.9	2,000	2,000	9.2	6,200
Screening Level (Future)				3.2	3,333	3,333	15	10,333
AOC4-SS1	AOC4-SS1	SS	5/22/2018	209	74	22	144	198
AOC4-SS2	AOC4-SS2	SS	5/22/2018	38	ND	ND	446	45
AOC4-SS3	AOC4-SS3	SS	5/22/2018	80	ND	ND	523	62

Value Exceeds Screening Level

Derivation of the screening levels is explained in text.

Table 11
Step-out Soil Sampling
LAUSD Reseda High School PEA Equivalent

Initial Sample Location	COC Exceedance	Depth and Concentration of COC Exceedance at	Stepouts				Step-out restrictions
			No.	Direction	Distance (s)	Max Depth of Step-out COC Exceedance	
AOC1-B1	Arsenic	0.5 ft (13 mg/kg)	2	N	5, 10	No Exceedance	No restrictions
			2	E	5, 10	0.5 ft	No restrictions
			0	S	--	--	Building wall at 3 ft
			2	W	5, 10	No Exceedance	No restrictions
AOC1-B6	Lead	0.5 ft (170 mg/kg)	2	N	5, 10	No Exceedance	No restrictions
			0	E	--	--	Building wall at 5 ft
			2	S	5, 10	No Exceedance	No restrictions
			2	W	5, 10	No Exceedance	No restrictions
AOC1-B8	Arsenic	0.5 ft (16 mg/kg)	0	N	--	--	Utility at 3 ft
			0	E	--	--	Utility at 3 ft
			3	S	10, 15, 20	0.5 ft	Bushes at 5 ft
			0	W	--	--	Building wall at 5 ft
AOC1-B10	Arsenic	0.5 ft (32 mg/kg)	2	N	5, 10	No Exceedance	
			0	E	--	--	Building wall at 5 ft
			2	S	5, 10	No Exceedance	No restrictions
			2	W	5, 10	0.5 ft	
AOC1-B22	Arsenic	0.5 ft (21 mg/kg)	3	N	5, 10, 15	1.5 ft	Utility at 17 ft
			1	E	5	No Exceedance	Utility at 8 ft
			4	S	5, 10, 15, 20	0.5 ft	Utility at 22 ft
			0	W	--	--	Building wall at 2 ft
AOC1-B34	Lead	0.5 ft (100 mg/kg)	2	N	5, 10	0.5 ft	No restrictions
			0	E	--	--	Building wall at 2 ft
			2	S	5, 10	No Exceedance	No restrictions
			2	W	5, 10	No Exceedance	No restrictions
AOC1-B58	Arsenic	0.5 ft (13 mg/kg)	2	N	5, 10	No Exceedance	Adjusted samples to account for access ramps
			2	E	5, 9	No Exceedance	9 ft sample between B58 and B64
			2	S	5, 10	No Exceedance	Adjusted samples to account for access ramps
			0	W	--	--	Building wall at 2 ft
AOC1-B64	Arsenic	0.5 ft (13 mg/kg)	2	N	5, 10	No Exceedance	Adjusted samples to account for access ramps
			0	E	--	--	Building wall at 2 ft
			2	S	5, 10	No Exceedance	Adjusted samples to account for access ramps
			2	W	5, 9	No Exceedance	9 ft sample between B58 and B64

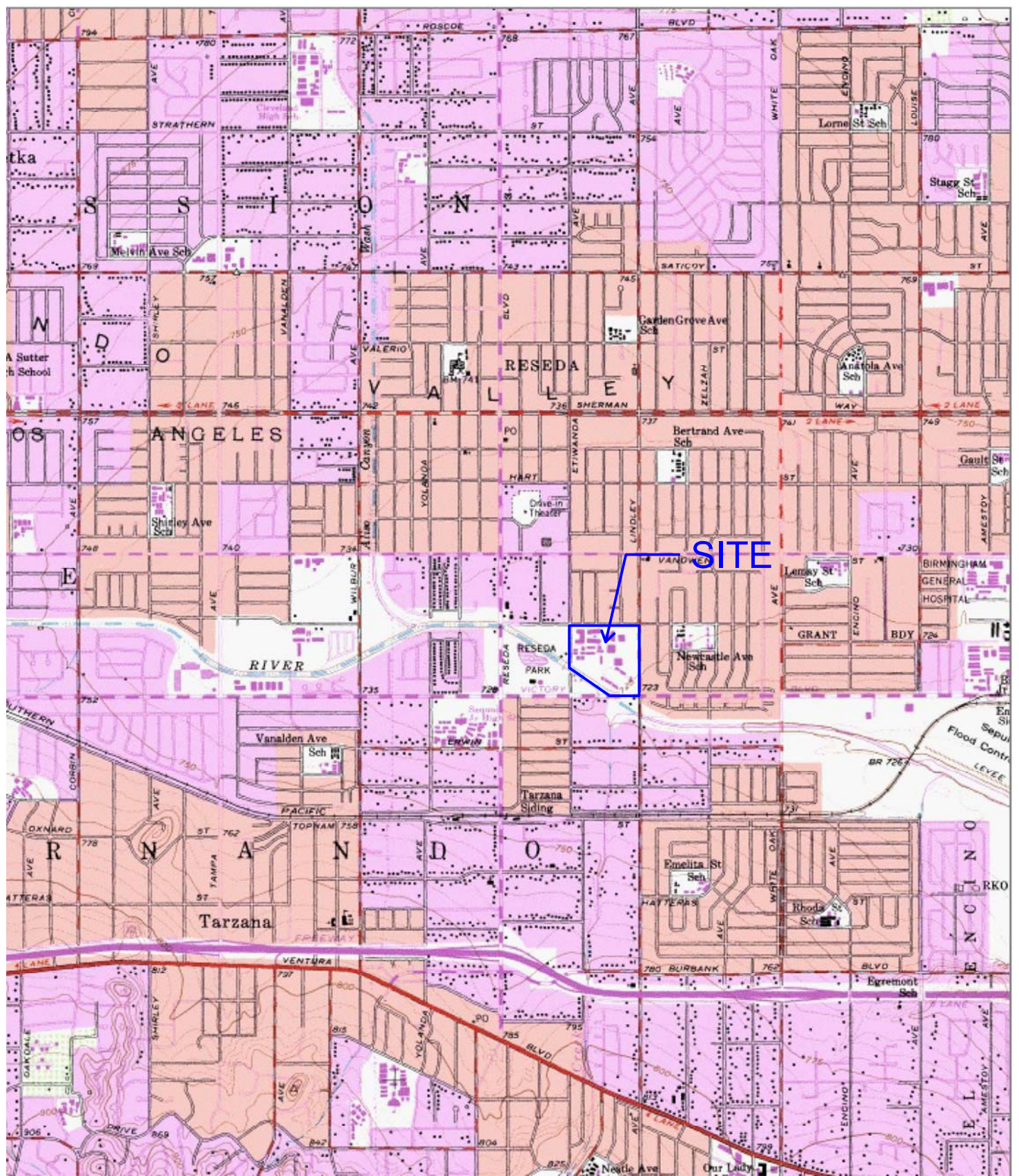
Table 11
Step-out Soil Sampling
LAUSD Reseda High School PEA Equivalent

Initial Sample Location	COC Exceedance	Depth and Concentration of COC Exceedance at	Stepouts				Step-out restrictions
			No.	Direction	Distance (s)	Max Depth of Step-out COC Exceedance	
AOC1-B77	Arsenic	0.5 ft (19 mg/kg) 1.5 ft (37 mg/kg) 2.5 ft (20 mg/kg)	0	NE	--	--	Building wall at 3 ft
			4	NW	5, 10, 20, 38	2.5 ft	Fence at 40 ft
			3	SE	5, 10, 22	1.5 ft	No restrictions
			2	SW	5, 10	2.5 ft	No restrictions
AOC1-B78	Arsenic	0.5 ft (13 mg/kg) 1.5 ft (16 mg/kg)	0	NE	--	--	Building wall at 3 ft
			3	NW	5, 10, 22	0.5 ft	No restrictions
			1	SE	5	0.5 ft	Utility at 8 ft
			2	SW	5, 10	No Exceedance	No restrictions
AOC1-B81	Arsenic	0.5 ft (16 mg/kg) 2.5 ft (14 mg/kg)	5	NE	5, 10, 15, 20,	0.5 ft	Building prevents step-out 10 feet to
			1	NW	5	No Exceedance	Building wall at 8 ft
			2	SE	5, 10	No Exceedance	No restrictions
			4	SW	5, 10, 15, 20	0.5 ft	Fence at 22 ft
AOC1-B91	Arsenic	0.5 ft (19 mg/kg)	5	N	5, 10, 15, 20,	2.5 ft	No restrictions
			2	E	5, 10	No Exceedance	No restrictions
			2	S	5, 10	0.5 ft	No restrictions
			0	W	--	--	Utility at 3 ft
AOC1-B100	Lead	0.5 ft (83 mg/kg)	1	N	5	No Exceedance	No restrictions
			2	E	5, 10	No Exceedance	No restrictions
			2	S	5, 10	No Exceedance	No restrictions
			2	W	5, 10	No Exceedance	No restrictions
AOC1-B108	Lead/Arsenic	0.5 ft lead (110 mg/kg) 0.5 ft Arsenic (17 mg/kg)	0	N	--	--	Building wall at 2 ft
			1	E	5	No Exceedance	Utility at 9 ft
			2	S	5, 10	No Exceedance	No restrictions
			0	W	--	--	Utility at 3 ft
AOC1-B112	Arsenic	0.5 ft (13 mg/kg)	4	N	5, 10, 15, 20	0.5 ft	No restrictions
			0	E	--	--	Utility line at 4 ft
			0	S	--	--	Building wall at 2 ft
			2	W	5, 10	No Exceedance	No restrictions

Table 12
ESTIMATED VOLUMES OF IMPACTED SOIL
LAUSD Reseda High School PEA Equivalent

Soil Impact Area	COC	Dimensions Feet	Area Square feet	Total Depth Feet	Impacted Soil Volume Cubic Yards	Waste Type
AOC1-B1	Arsenic	15 x 9	135	1.5	7.5	Non-hazardous
AOC1-B6	Lead	10 x 9	90	1.5	5	Non-RCRA hazardous
AOC1-B8	Arsenic	23 x 10	230	1.5	13	Non-hazardous
AOC1-B10	Arsenic	14 x 15	210	1.5	12	Non-hazardous
AOC1-B22	Arsenic	10 x 32	320	1.5	18	Non-hazardous
		10 x 6	60	2.5	6	Non-hazardous
AOC1-B34	Lead	15 x 8	120	1.5	7	Non-hazardous
AOC1-B58	Arsenic	5 x 10	50	1.5	2.8	Non-hazardous
AOC1-B64	Arsenic	5 x 10	50	1.5	2.8	Non-hazardous
AOC1-B77	Arsenic	23 x 12.5	288	1.5	16	Non-hazardous
		29 x 12.5	363	2.5	34	Non-hazardous
		25 x 12.5	312.5	3.5	41	Non-hazardous
AOC1-B78	Arsenic	19.5 x 7.5	146.25	1.5	8.1	Non-hazardous
		10 x 7.5	75	2.5	6.9	Non-hazardous
AOC1-B81	Arsenic	50x10	500	1.5	28	Non-hazardous
		10x10	100	3.5	13	Non-hazardous
AOC1-B91	Arsenic	30 x 8	240	1.5	13	Non-hazardous
		10 x 8	80	3.5	10	Non-hazardous
AOC1-B100	Lead	5 x 5	25	1.5	1.4	Non-hazardous
AOC1-B108	Lead/Arsenic	8 x 8	64	1.5	3.6	Non-hazardous
AOC1-B112	Arsenic	14 x 24	336	1.5	19	Non-hazardous
Non-hazardous Impacted Soil Volume					261	
Non-RCRA Hazardous Impacted Soil Volume					5.0	
Total Impacted Soil Volume					266	

FIGURES



 Site

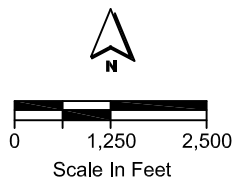


Figure 1
SITE LOCATION MAP

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA



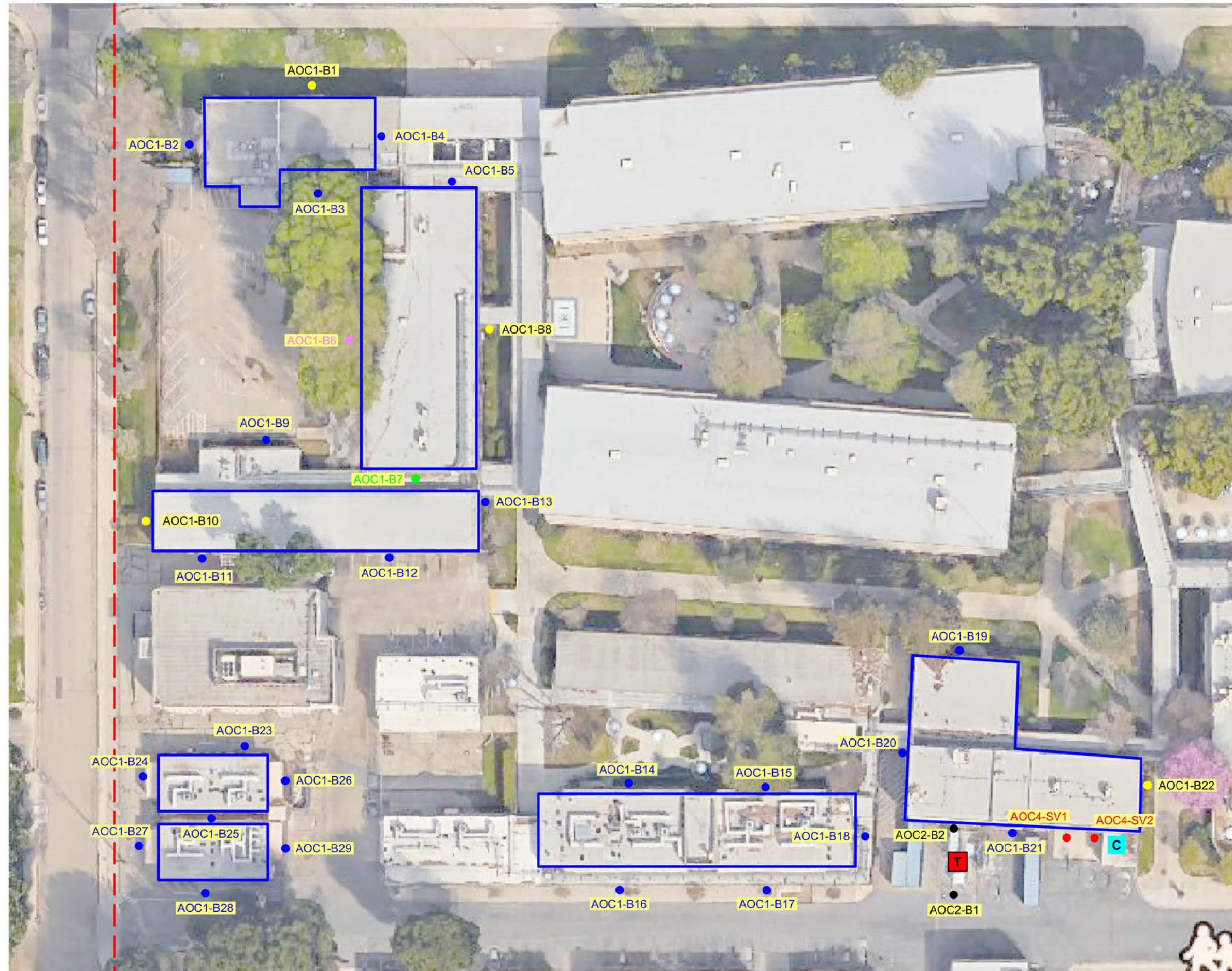
LEGEND

- SITE BOUNDARY
- BUILDING TO BE REMOVED
- PORTABLE STRUCTURE TO BE REMOVED

Figure 2
BUILDING LOCATIONS

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS
Pasadena, CA



LEGEND

- SITE BOUNDARY
- CLARIFIER
- TRANSFORMER
- ▭ BUILDING OUTLINE
- AOC1 SOIL SAMPLE LOCATION
- AOC2 SOIL SAMPLE LOCATION
- AOC4 SOIL VAPOR SAMPLE LOCATION
- AOC1 SOIL SAMPLE LOCATION ARSENIC >12 mg/kg
- AOC1 SOIL SAMPLE LOCATION LEAD >80 mg/kg
- SOIL SAMPLE LOCATION (ELIMINATED)

NOTES:

1. Soil step-out boring locations presented on Figures 8-11.
2. Soil vapor step-out locations presented on Figure 19.

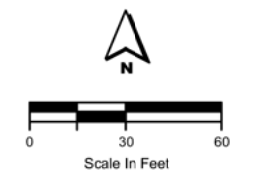


Figure 3
SOIL AND SOIL VAPOR
SAMPLE LOCATIONS

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA

K:\Depts\Dept48\LAUSD\MSA WORK\Reseda PEA\Report\Figures\Figure 4 - Soil & Soil Vapor Sample Locations.dwg



LEGEND

- SITE BOUNDARY
- TRANSFORMER
- BUILDING OUTLINE
- AOC1 SOIL SAMPLE LOCATION
- AOC2 SOIL SAMPLE LOCATION
- AOC5 SOIL VAPOR SAMPLE LOCATION
- AOC1 SOIL SAMPLE LOCATION ARSENIC >12 mg/kg
- AOC1 SOIL SAMPLE LOCATION LEAD >80 mg/kg
- SOIL SAMPLE LOCATION (ELIMINATED)

NOTE:

Soil step-out boring locations presented on Figures 12 and 13.

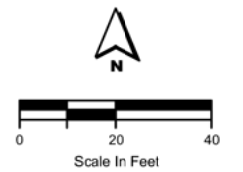


Figure 4
SOIL AND SOIL VAPOR
SAMPLE LOCATIONS

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA

K:\Depts\Dept48\LAUSD\MSA WORK\Reseda PEA\Report\Figures\Figure 5 - Soil Sample Locations.dwg



LEGEND

- SITE BOUNDARY
- TRANSFORMER
- BUILDING OUTLINE
- AOC1 SOIL SAMPLE LOCATION
- AOC3 SOIL SAMPLE LOCATION
- AOC1 SOIL SAMPLE LOCATION ARSENIC >12 mg/kg

NOTE:
Soil step-out boring locations presented on Figure 14.

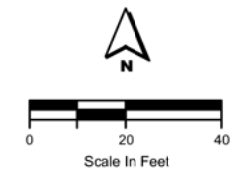


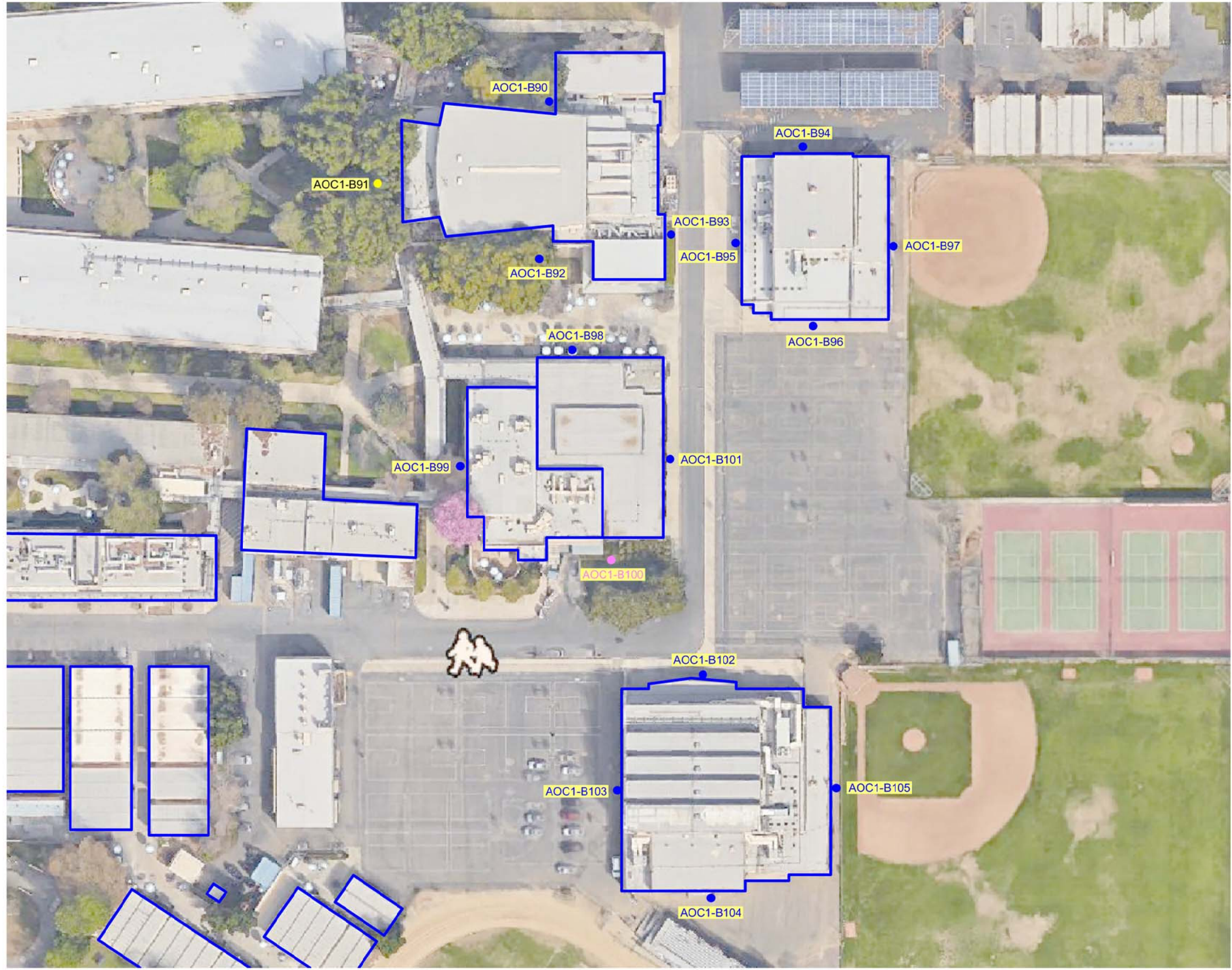
Figure 5
SOIL SAMPLE LOCATIONS

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA

K:\Depts\Dept48\LAUSD\MSA WORK\Reseda PEA\Report\Figures\Figure 6 - Soil Sample Locations.dwg



LEGEND

- SITE BOUNDARY
- BUILDING OUTLINE
- AOC1 SOIL SAMPLE LOCATION
- AOC1 SOIL SAMPLE LOCATION
ARSENIC >12 mg/kg
- AOC1 SOIL SAMPLE LOCATION
LEAD >80 mg/kg

NOTE:

Soil step-out boring locations presented on
Figures 15 and 16.



Figure 6
SOIL SAMPLE LOCATIONS

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA

K:\Depts\Dept48\LAUSD\MSA WORK\Reseda PEA\Report\Figures\Figure 7 - Soil Sample Locations.dwg



LEGEND

- SITE BOUNDARY
- BUILDING OUTLINE
- AOC1 SOIL SAMPLE LOCATION
- AOC1 SOIL SAMPLE LOCATION
ARSENIC >12 mg/Kg
- AOC1 SOIL SAMPLE LOCATION
ARSENIC >12 mg/kg AND
LEAD >80 mg/kg

NOTE:

Soil step-out boring locations presented on
Figures 17 and 18.

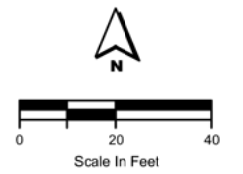


Figure 7
SOIL SAMPLE LOCATIONS

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA

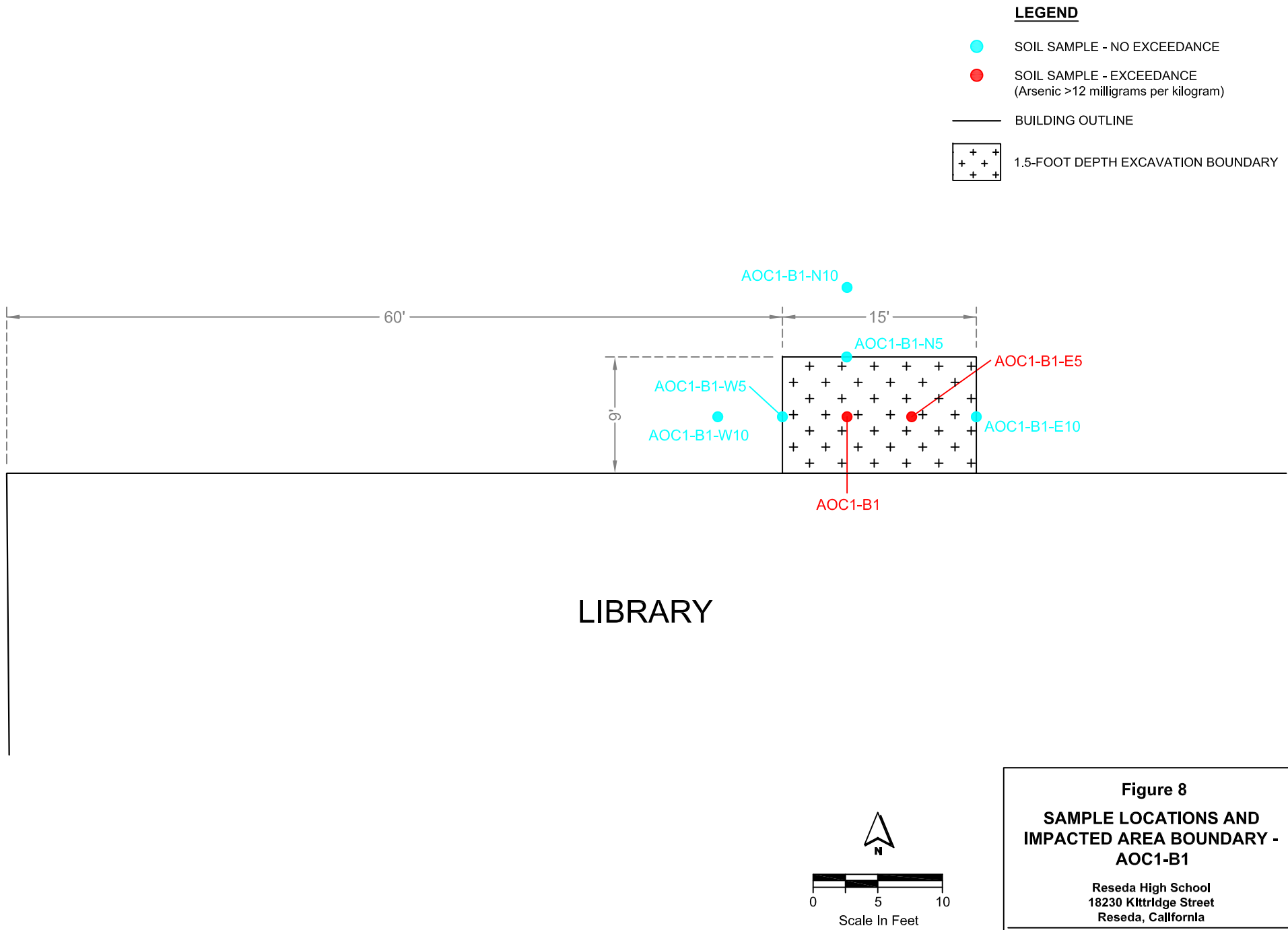
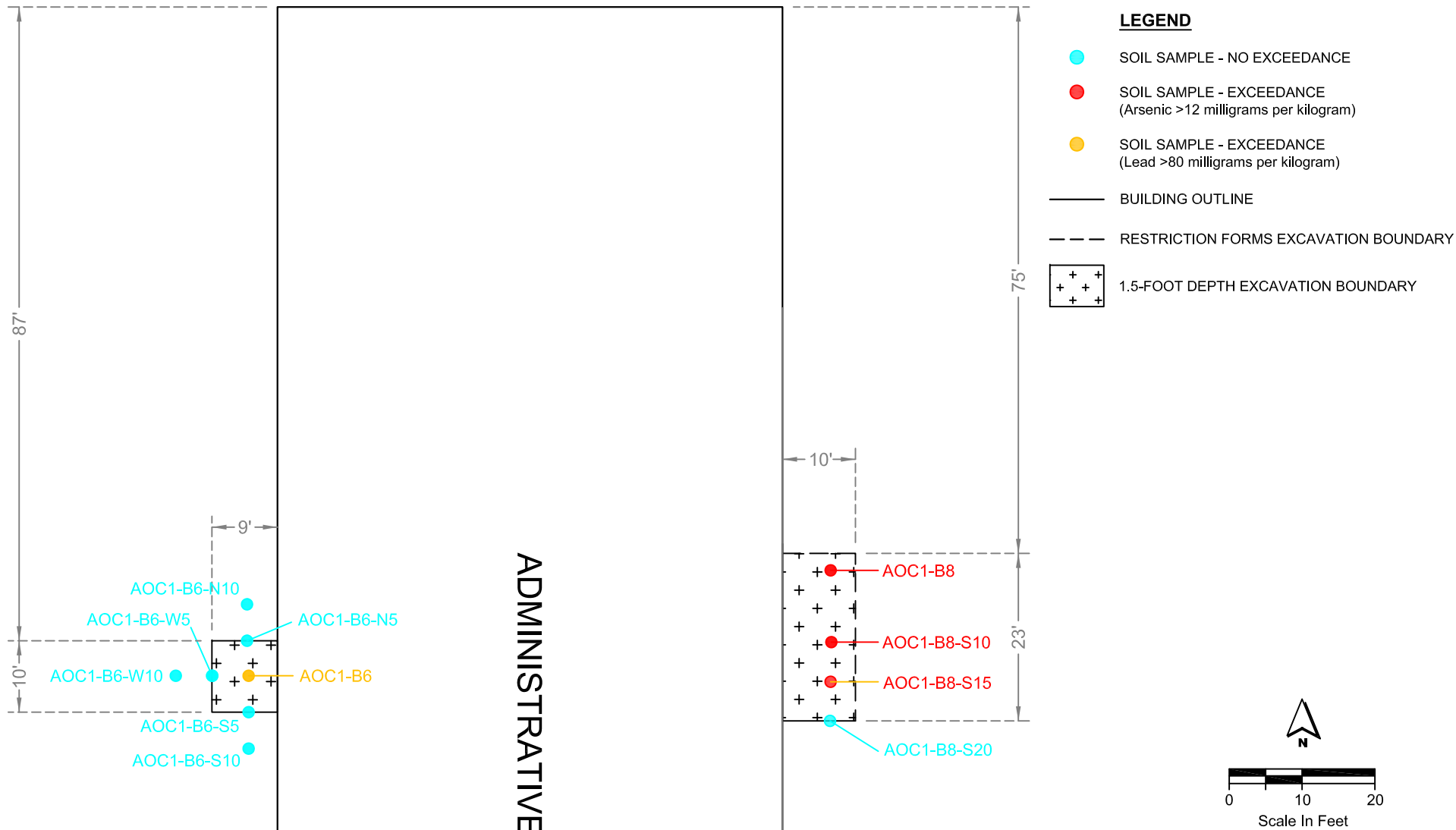


Figure 8
**SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARY -
AOC1-B1**
Reseda High School
18230 Kilttridge Street
Reseda, California
PARSONS
Pasadena, CA



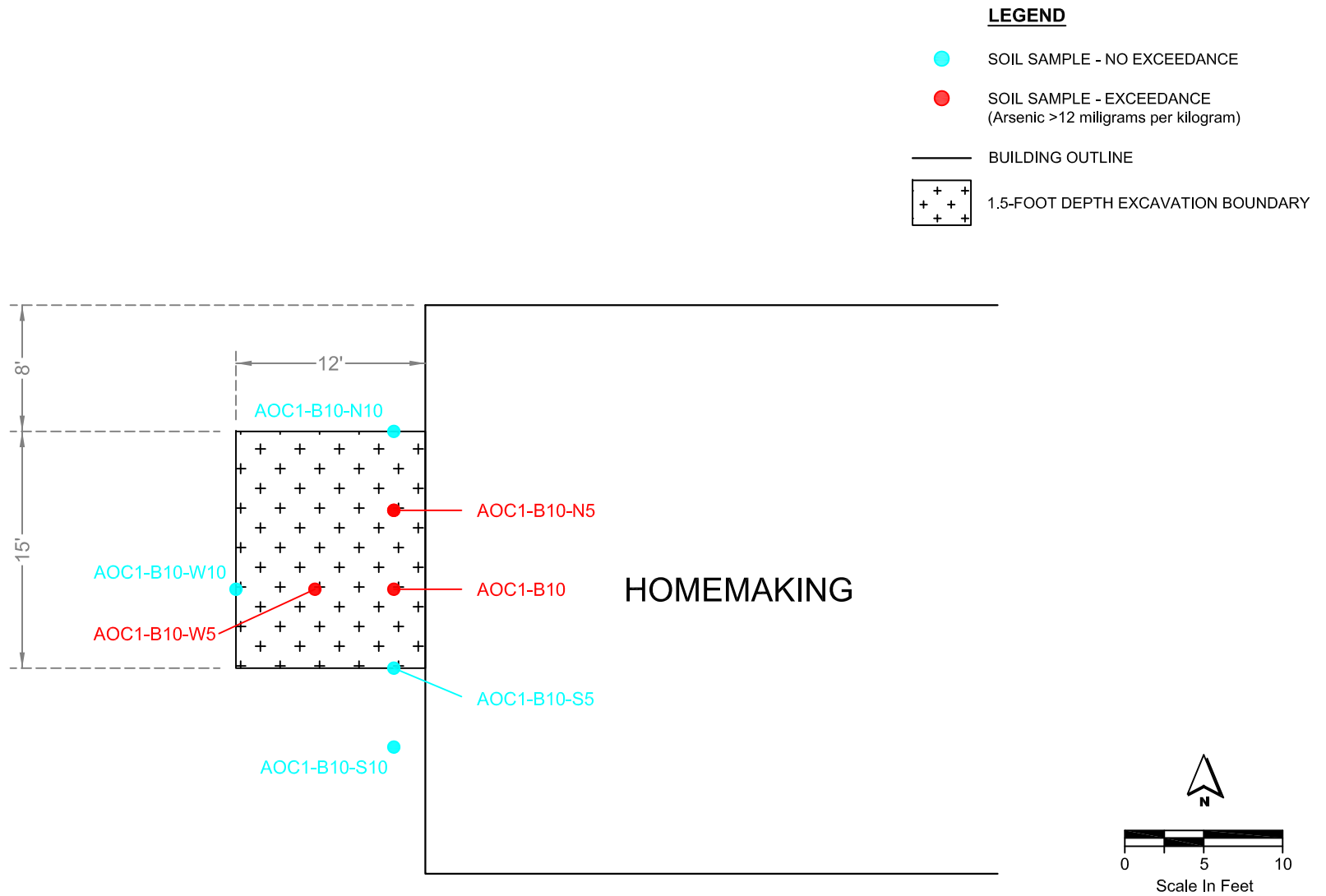


Figure 10
SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARY-
AOC1-B10

Reseda High School
 18230 Kilttridge Street
 Reseda, California

PARSONS

Pasadena, CA

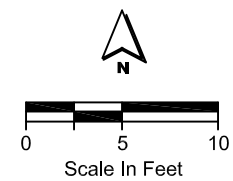
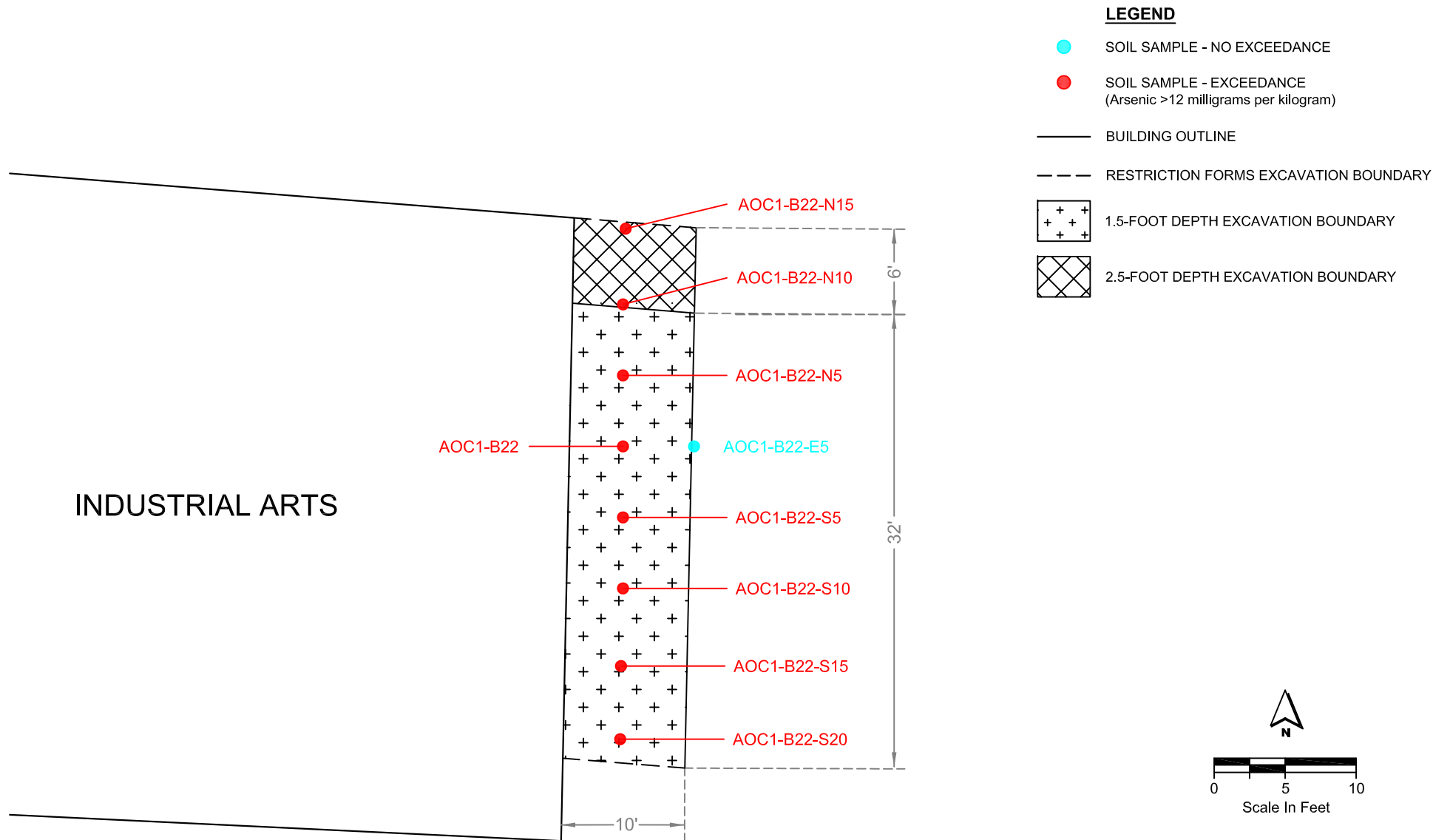


Figure 11

SAMPLE LOCATIONS AND IMPACTED AREA BOUNDARY - AOC1-B22

Reseda High School
18230 Kilttridge Street
Reseda, California


PARSONS

Pasadena, CA

BUNGALOW

BUNGALOW

LEGEND

- SOIL SAMPLE - NO EXCEEDANCE
- SOIL SAMPLE - EXCEEDANCE
(Arsenic >12 milligrams per kilogram)
- BUILDING OUTLINE
-  1.5-FOOT DEPTH EXCAVATION BOUNDARY

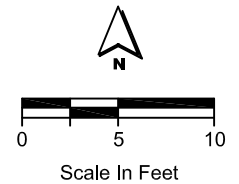
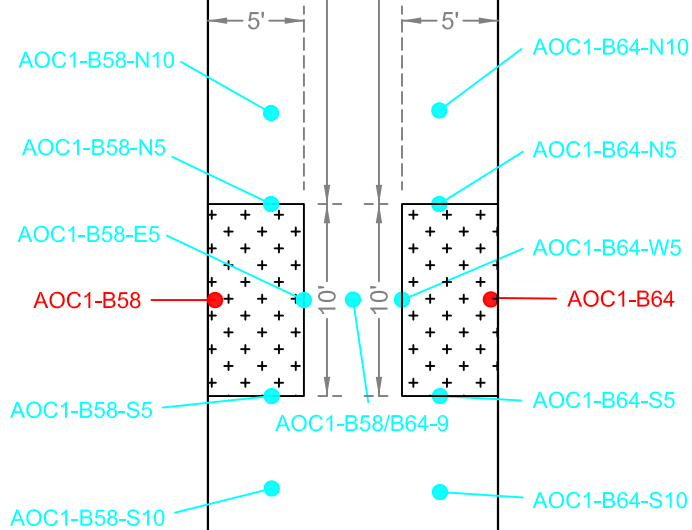


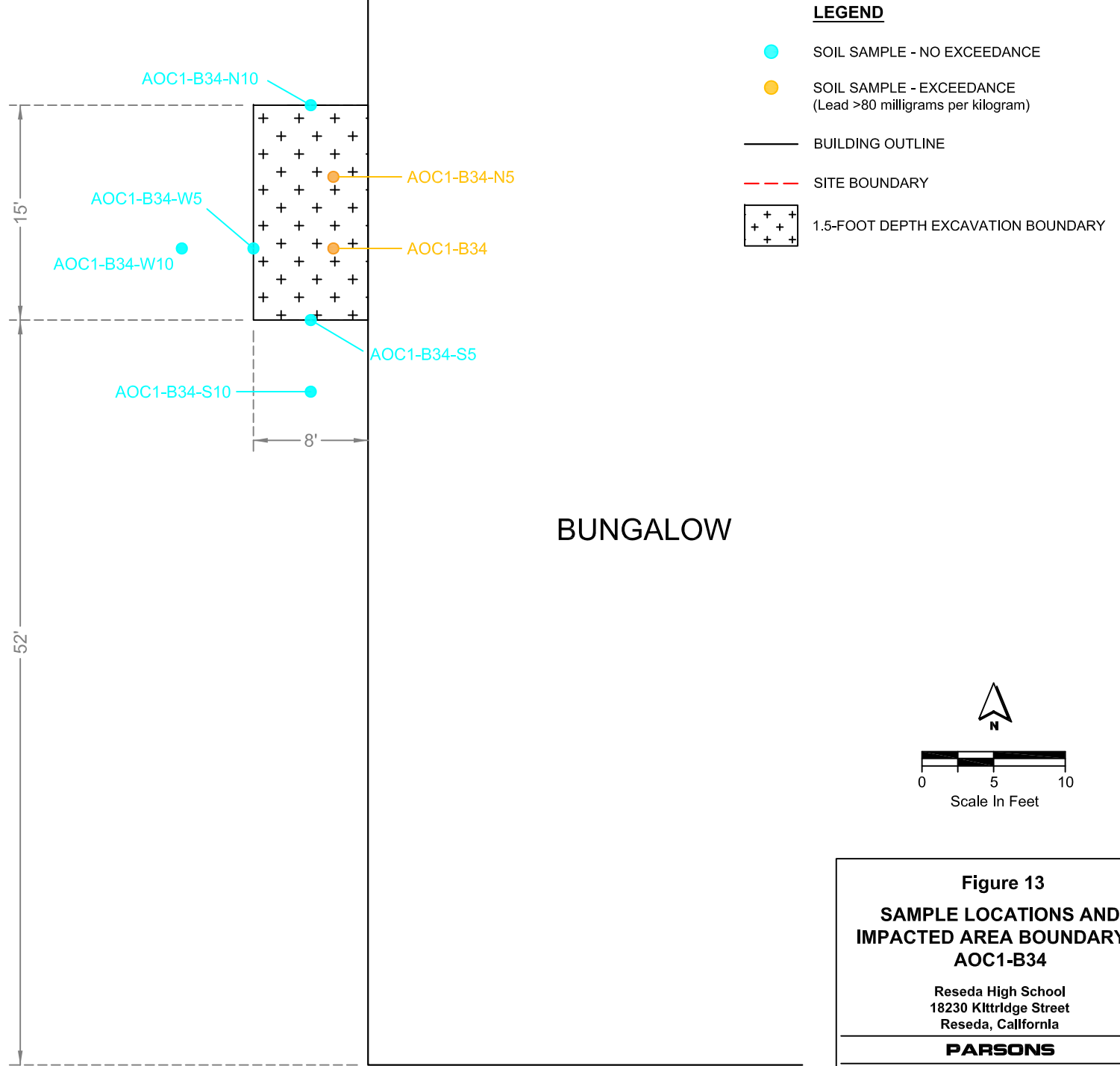
Figure 12

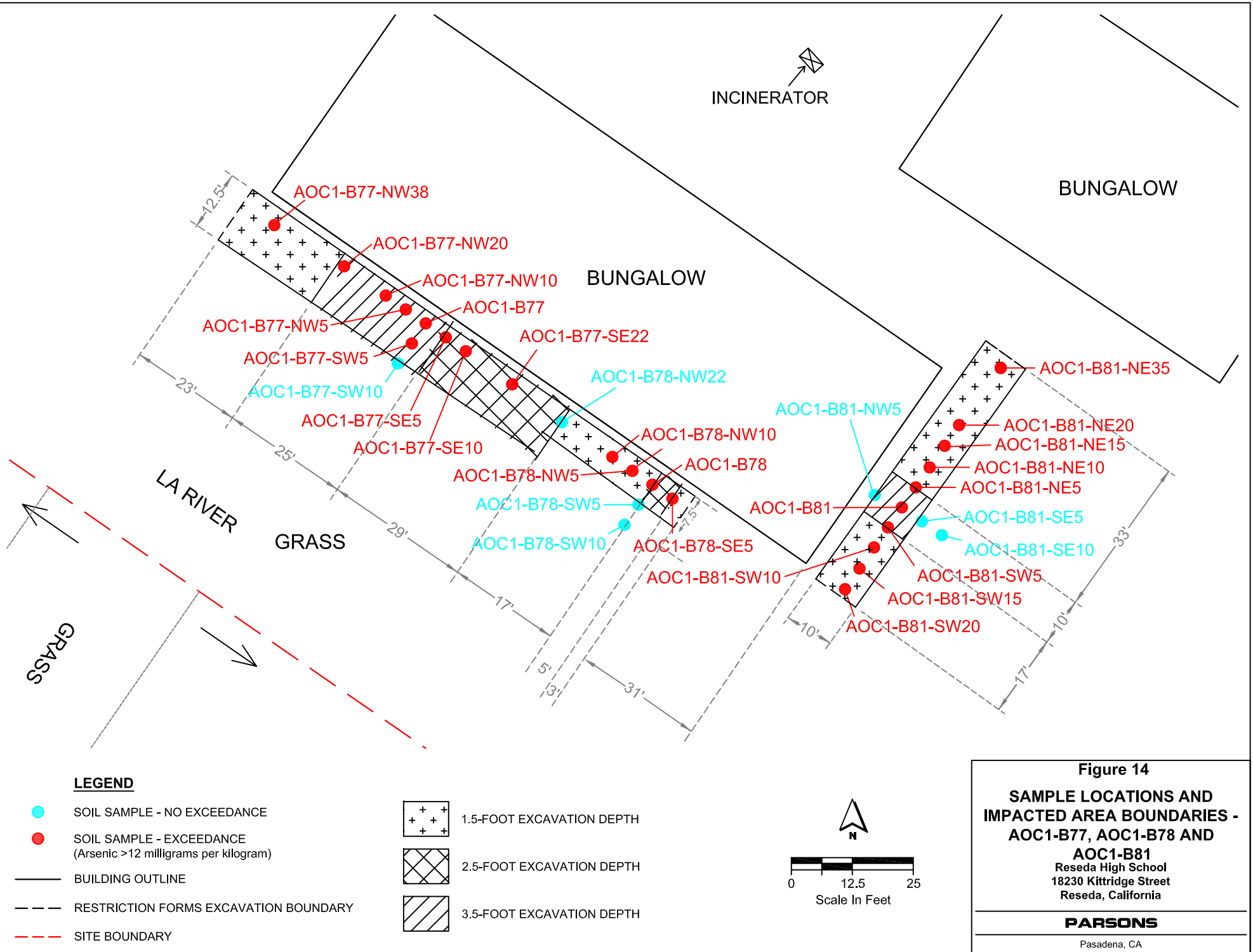
**SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARIES -
AOC1-B58 AND AOC1-B64**

Reseda High School
18230 Kilttridge Street
Reseda, California

PARSONS

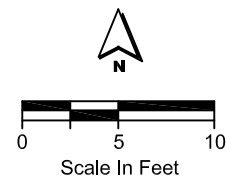
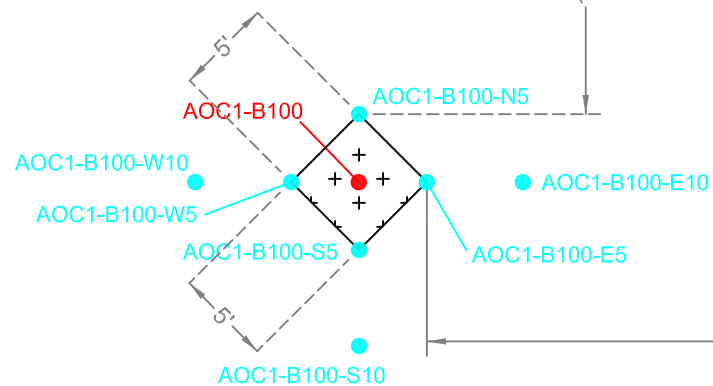
Pasadena, CA





CAFETERIA

LUNCH
PAVILION



LEGEND

- SOIL SAMPLE - NO EXCEEDANCE
- SOIL SAMPLE - EXCEEDANCE
(Lead >80 milligrams per kilogram)

— BUILDING OUTLINE

1.5-FOOT DEPTH EXCAVATION BOUNDARY

Figure 15
SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARY -
AOC1-B100

Reseda High School
18230 Kilttridge Street
Reseda, California

PARSONS

Pasadena, CA

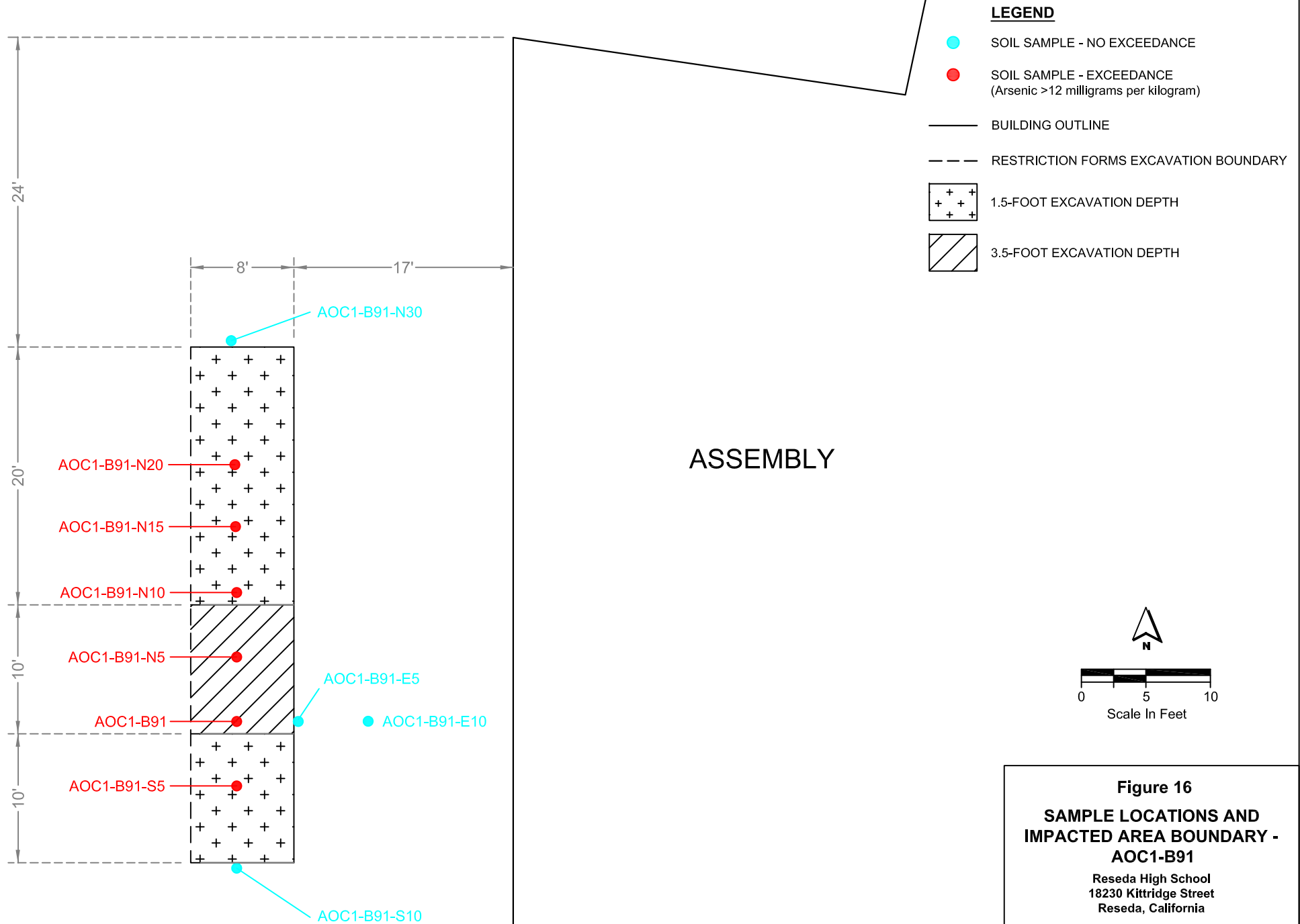
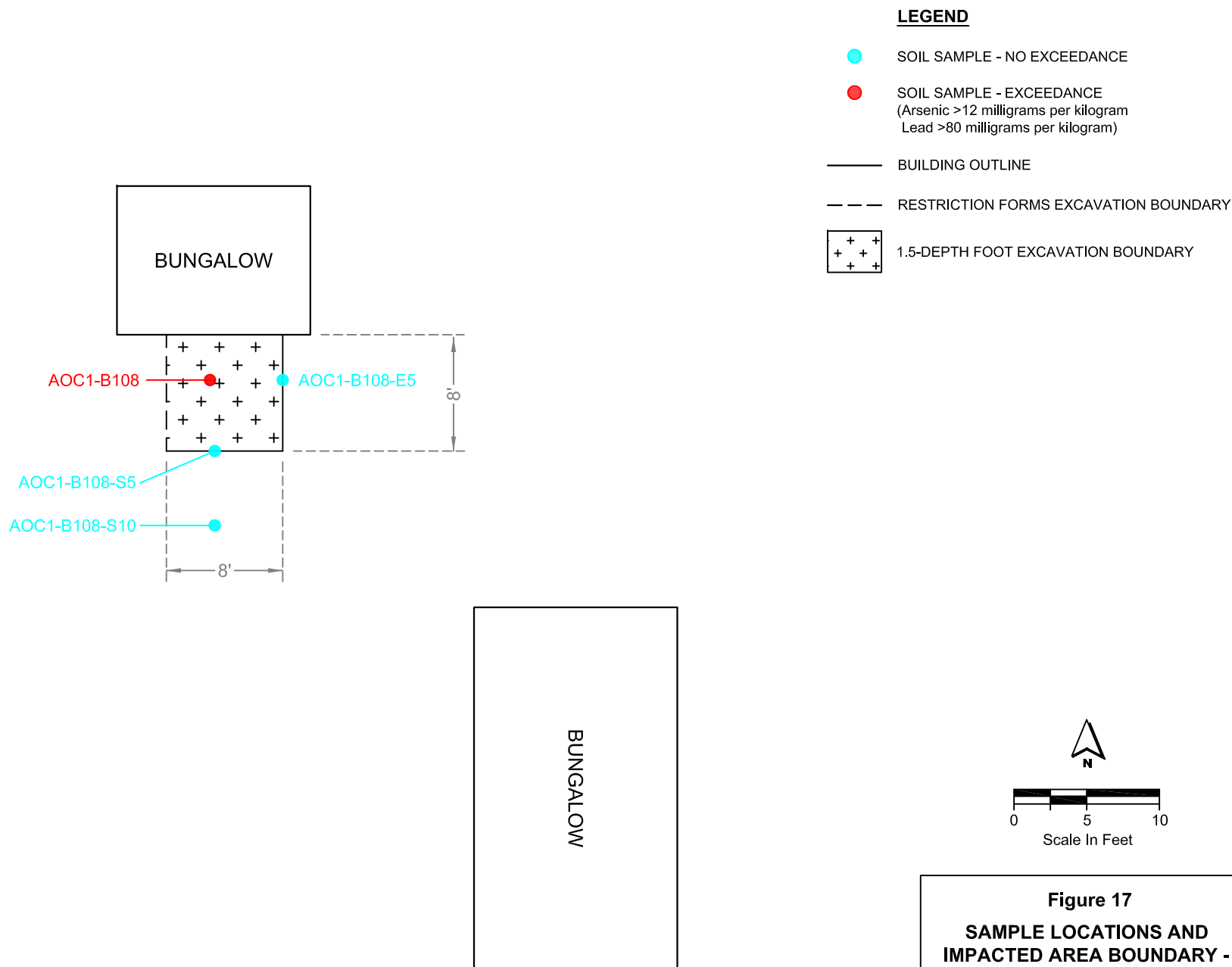


Figure 16
SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARY -
AOC1-B91
Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA



PARSONS

Pasadena, CA

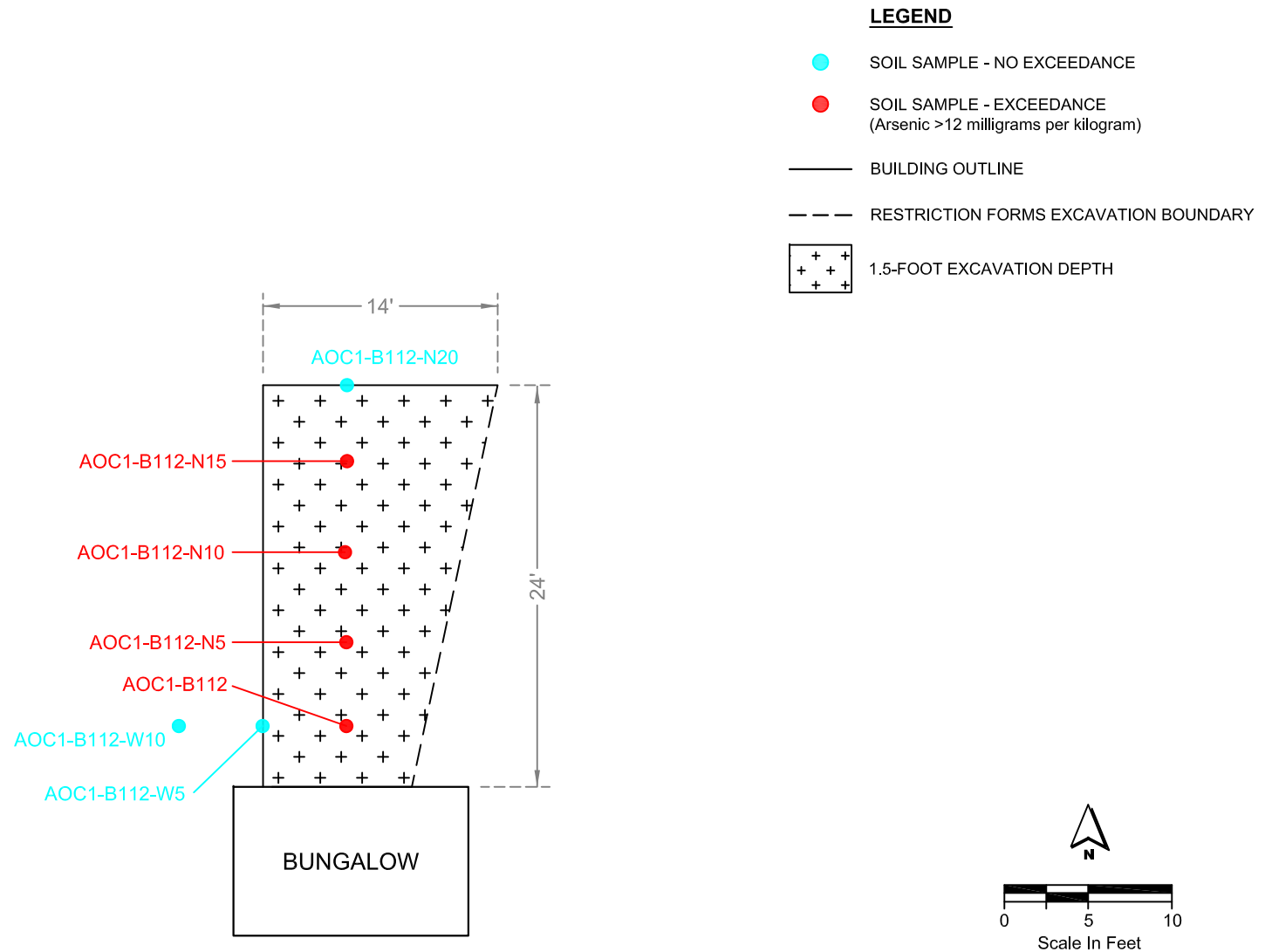


Figure 18

**SAMPLE LOCATIONS AND
IMPACTED AREA BOUNDARY -
AOC1-B112**

Reseda High School
18230 Kittridge Street
Reseda, California

PARSONS

Pasadena, CA

- LEGEND**
- SOIL VAPOR SAMPLE - NO EXCEEDANCE
 - SOIL VAPOR SAMPLE - EXCEEDANCE
 - - - SITE BOUNDARY
 - BUILDING OUTLINE
 - CLARIFIER
 - TRANSFORMER
 - SV SOIL VAPOR PROBE
 - SS SUB SLAB SAMPLE

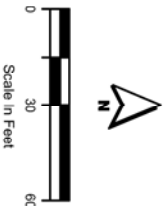
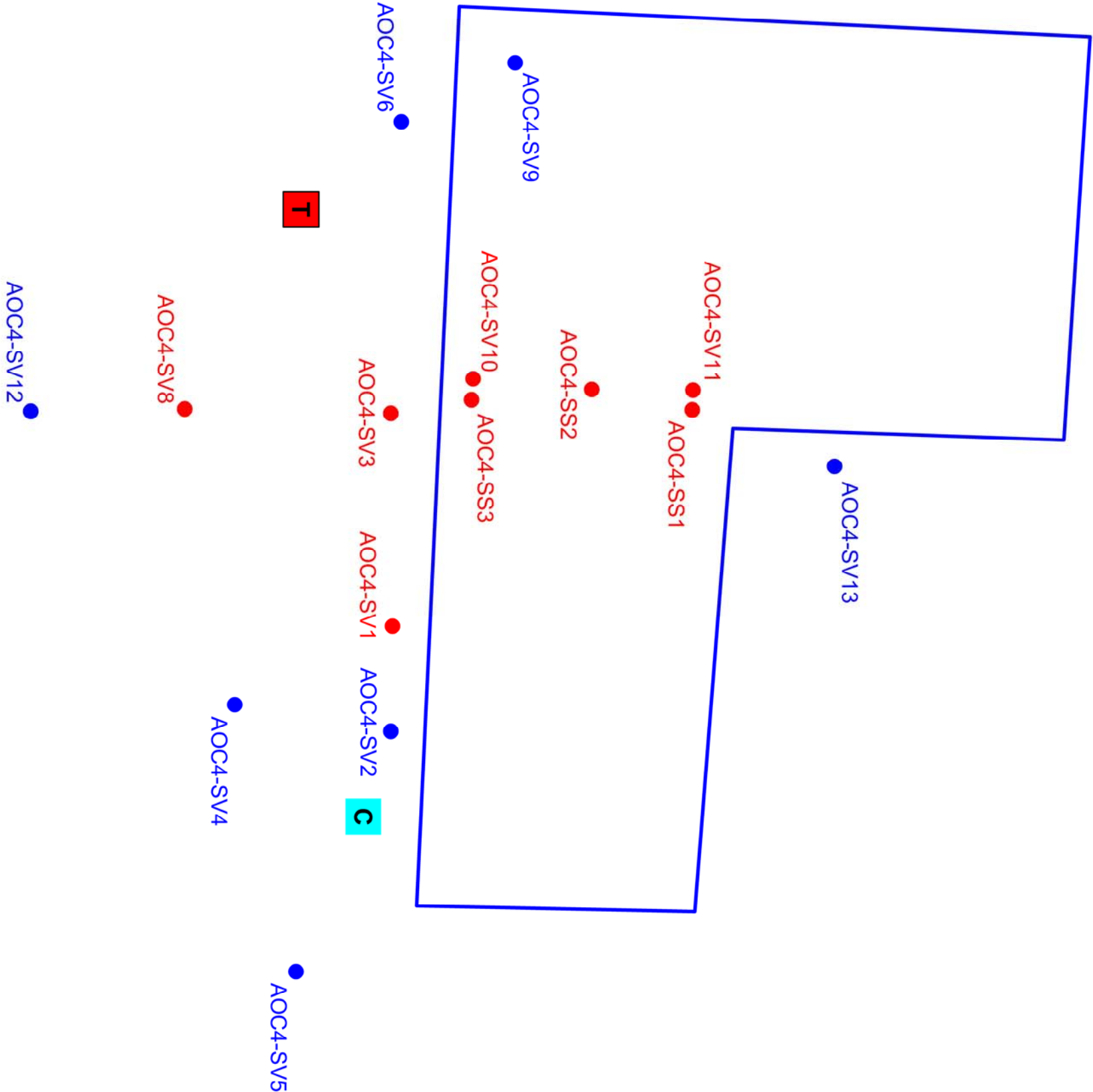


Figure 19
SOIL VAPOR
SAMPLE LOCATIONS

Reeseda High School
18230 Kittridge Street
Reeseda, California

PARSONS

Pasadena, CA

APPENDIX A

August 24, 2017
Project No. 210095004

Mr. Patrick Schanen
Los Angeles Unified School District
333 South Beaudry Avenue, 21st Floor
Los Angeles, California 90017

Subject: Preliminary Environmental Assessment Equivalent Work Plan
Reseda High School
18230 Kittridge Street
Reseda, California

Dear Mr. Schanen:

Ninyo & Moore has prepared this Preliminary Environmental Assessment-Equivalent (PEA-E) work plan on behalf of the Los Angeles Unified School District (LAUSD or District) for Reseda High School located at 18230 Kittridge Street in Reseda, California (site, Figure 1). The scope of work consists of collecting soil and soil vapor samples in areas of planned demolition, modernization, and construction activities associated with the Reseda High School Comprehensive Modernization Project (Project; Figure 2).

BACKGROUND

The Los Angeles Unified School District (LAUSD) is planning demolition, modernization, and construction activities associated with the Reseda High School Comprehensive Modernization Project. As part of this effort, Ninyo & Moore prepared a Phase I Environmental Site Assessment (ESA) for the site, dated July 31, 2017. Review of the Phase I ESA reported the following areas of environmental concern (AOCs; Table 1) as defined in ASTM International Standards E1527 13 currently or historically located on site. Site and building locations are shown on Figures 1 and 2, respectively.

Table 1 – Areas of Concern (AOCs)

AOC	Reference	REC
Site Concerns		
1. Potential LBP material, arsenic, termiticides, and PCBs in shallow soils.	Phase I ESA (Ninyo & Moore, 2017).	1. OCPs, LBP, arsenic, and PCBs around the exterior of the buildings and in shallow soil surrounding the buildings.
2. Potential PCBs in shallow soils from pad-mounted transformer.	Phase I ESA (Ninyo & Moore, 2017).	2. PCBs in shallow soil surrounding pad-mounted transformer.
3. Area near incinerator.	Phase I ESA (Ninyo & Moore, 2017).	3. Dioxins and Furans potentially in soil.
4. Area near clarifier.	Phase I ESA (Ninyo & Moore, 2017).	4. TPHs, VOCs, Title 22 Metals, and PCBs potentially in soil or soil vapor.
5. Area near suspected location of historical spray paint booths.	Phase I ESA (Ninyo & Moore, 2017).	5. TPHs and VOCs potentially in soil or soil vapor.
Notes: AOC – area of concern ESA – Environmental Site Assessment LBP – lead based paint OCPs – organochlorine pesticides PCBs – polychlorinated biphenyls REC - recognized environmental condition TPHs – total petroleum hydrocarbons VOCs – volatile organic compounds		

The above AOCs were identified based on the following recognized environmental conditions (RECs) for the site within the planned Project limits:

- Based on the age of the current site buildings, persistent termiticides (organochlorine pesticides [OCPs]), lead (from lead based paint [LBP]), and polychlorinated biphenyls (PCBs) may be present in shallow soil around building foundations.
- PCB-containing materials may be present in soil from on-site pad mounted transformer installed prior to 1979.
- Based on the former use of the incinerator to burn solid wastes, the likely presence of burnt material surrounding the incinerator.
- One inactive clarifier associated with the former automotive shop adjacent to the south of the Industrial Arts building (including a potential vapor encroachment condition).
- The former presence of spray paint booths on-site (including a potential vapor encroachment condition) based on the potential for releases from former leaks.
- Arsenic in shallow soil underneath asphaltic concrete pavement may be present due to the LAUSD's former standard practice of applying herbicides for weed control containing this metal prior to paving.

For the RECs mentioned above, Ninyo & Moore recommended the following:

- In locations of future construction, the possible presence of PCBs, OCPs, arsenic, and lead in shallow soil at the site should be assessed in the form of a PEA-E work plan and in general accordance with California Department of Toxic Substances Control (DTSC) guidance documents.

- If construction or demolition activities are planned for buildings near the clarifier, soil and soil vapor should be evaluated to determine the extent of site contamination, if any.
- This Preliminary Environmental Assessment-Equivalent (PEA-E) work plan is meant to evaluate the RECs reported in the Phase I ESA within the planned Project limits.

PEA FIELD SAMPLING PLAN (FSP)

This field sampling plan (FSP) has been prepared to generally describe the procedures that will be used to conduct the PEA-E investigation at the site. The results from this PEA-E will be used to provide sufficient information to evaluate the potential health risk to students and faculty at the site using the PEA screening evaluations. The sampling rationale is designed to evaluate those locations that will be disturbed during the proposed construction activities and that would likely contain the highest concentrations of constituents of potential concern, if present.

The secondary objective of the sampling is to evaluate the general extent of impact in order to evaluate immediate potential threats and scope removal and remediation needs. Sample results from the FSP will be used to evaluate the need for expedited response/mitigation, locate those areas with the highest levels of impact, and evaluate site remediation, if needed.

The boring locations, sample depths, rationale, and proposed analyses for each sampling location are provided in Table 2. Sampling locations are shown on Figures 3 through 7.

Table 2 – Soil and Soil Vapor Sampling Rationale				
Sample Location	Sample ID	Depth (feet bgs)	Proposed Analyses*	Sample Location Rationale
AOC1				
AOC1-B1 through AOC1-B115	AOC1-B1 through AOC1-B115-0.5	0-0.5	LBP, arsenic, OCPs (composite 4 to 6 samples). 10% samples for PCBs	Evaluate potential impacts in shallow soil from LBP, arsenic, OCPs, and PCBs near the site buildings
	AOC1-B1 through AOC1-B115-1.5	1.0-1.5	Archive sample	
	AOC1-B1 through AOC1-B115-2.5	2.0-2.5	Archive sample	
Total Soil Samples from AOC1		345		
Total Borings		115		
AOC2				
AOC2-B1 and AOC2-B2	AOC2-B1 and AOC2-B2-0.5	0-0.5	PCBs	Evaluate potential impacts in shallow soil from PCBs near pad-mounted transformer
	AOC2-B1 and AOC2-B2-1.5	1.0-1.5	Archive sample	
	AOC2-B1 and AOC2-B2-2.5	2.0-2.5	Archive sample	
Total Soil Samples from AOC2		6		
Total Borings		2		

Table 2 – Soil and Soil Vapor Sampling Rationale

Sample Location	Sample ID	Depth (feet bgs)	Proposed Analyses*	Sample Location Rationale
AOC3				
AOC3-B1	AOC3-B1-0.5	0-0.5	Dioxins and Furans	Evaluate potential impacts in shallow soil from dioxins and furans near incinerator
	AOC3-B1-1.5	1.0-1.5	Archive sample	
	AOC3-B1-2.5	2.0-2.5	Archive sample	
Total Soil Samples from AOC3		3		
Total Borings		1		
AOC4				
AOC4-B1 and AOC4-B2	AOC4-B1 and AOC4-B2-5.0	5.0-5.5	TPHs, Title 22 Metals, PCBs, VOCs	Evaluate potential impacts in soil from TPHs, Title 22 Metals, PCBs, and VOCs near clarifier
	AOC4-B1 and AOC4-B2-10.0	10.0-10.5	Archive sample	
	AOC4-B1 and AOC4-B2-15.0	15.0-15.5	Archive sample	
AOC4-SV1 and AOC4-SV2	AOC4-SV1 and AOC4-SV2-5.0	5.0	VOCs	Evaluate potential impacts in soil vapor from VOCs near clarifier
	AOC4-SV1 and AOC4-SV2-15.0	15.0	VOCs	
Total Soil Samples from AOC4		6		
Total Soil Vapor Samples from AOC4		4		
Total Borings		2		
AOC5				
AOC5-SV1 and AOC5-SV2	AOC5-SV1 and AOC5-SV2-5.0	5.0	VOCs	Evaluate potential impacts in soil vapor from VOCs near suspected location of historical spray paint booths
	AOC5-SV1 and AOC5-SV2-15.0	15.0	VOCs	
Total Soil Vapor Samples from AOC5		4		
Total Borings		2		
Notes:				
*OCPs (composite a maximum of 4 samples, around same building at same depth)				
*Archive sample for possible future analysis				
Duplicate samples will be collected and analyzed at a rate of 10 percent				
Equipment blanks will be collected each day for each test method and sampling technique				
AOC – area of concern				
EPA – United States Environmental Protection Agency				
ID – identification				
LBP – lead-based paint				
OCPs – organochlorine pesticides				
PCBs – polychlorinated biphenyls				
SV – soil vapor				
TPHs – total petroleum hydrocarbons				
VOCs – volatile organic compounds				

The following table summarizes the requested analyses and the requirements for sample containers, preservations, and holding times.

Table 3 – Soil and Soil Vapor Collection Requirements

Parameter	Methods	Sample Container	Preservative	Holding Time
Soil				
OCPs	EPA 8081A	4-oz glass jar or sleeve	None, 4 °C	14 days
PCBs	EPA 8082	4-oz glass jar or sleeve	None, 4 °C	14 days
Lead	EPA 6010B	4-oz glass jar or sleeve	None, 4 °C	180 days
Arsenic	EPA 6010B	4-oz glass jar or sleeve	None, 4 °C	180 days
Dioxins and Furans	EPA Method 8290A	4-oz glass jar or sleeve	None, 4 °C	30 days
Title 22 Metals	EPA 6010B/7471	4-oz glass jar or sleeve	None, 4 °C	180 days
TPHs	EPA 8015M	4-oz glass jar or sleeve	None, 4 °C	14 days
VOCs	EPA 8260B/5035	3-40 ml glass VOA vials	Sodium bisulfate, methanol	14 days
Soil Vapor				
VOCs	8260B	Gas-tight glass syringes with Teflon® seals	None	30 minutes

Notes:

EPA - United States Environmental Protection Agency

ml - milliliter

OCPs – organochlorine pesticides

oz - ounce

PCBs – polychlorinated biphenyls

TPHs – total petroleum hydrocarbons

VOA – volatile organic analysis

VOCs – volatile organic compounds

°C - degrees Celsius

Field duplicates will be collected and analyzed at a rate of ten percent of primary soil and soil vapor samples. For OCPs, where composite samples will be prepared and analyzed, every 10th composite sample will be prepared (independently) in duplicate and analyzed. Equipment blanks will be collected each day for each test method and sampling technique. A trip blank will be collected at the rate of one per piece of equipment used per day and submitted to the laboratory for analysis.

Ninyo & Moore appreciates the opportunity to be of service to you on this project.

Respectfully submitted,

NINYO & MOORE



Manasi Chavan
Senior Staff Engineer



Anthony Lizzi, PG, CHG
Principal Geologist



Patrick Cullip
Project Engineer

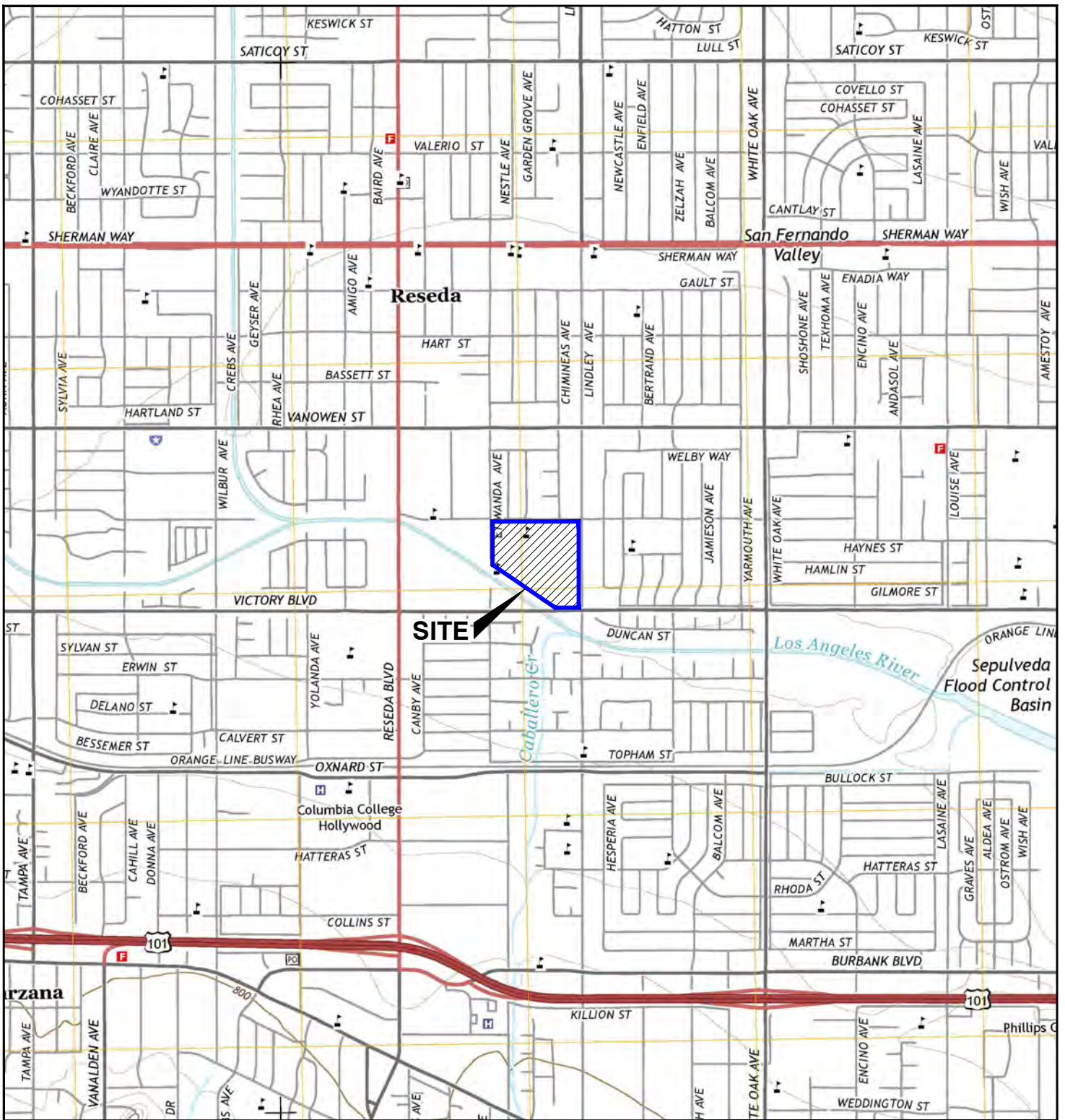
MNC/PJC/AJL/gkj/sc/mlc

Attachments: Figures

Distribution: (1) Addressee (via e-mail)



FIGURES



LEGEND

▬ SITE BOUNDARY

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: USGS, 2015.

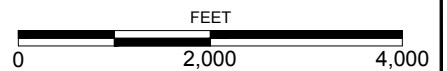
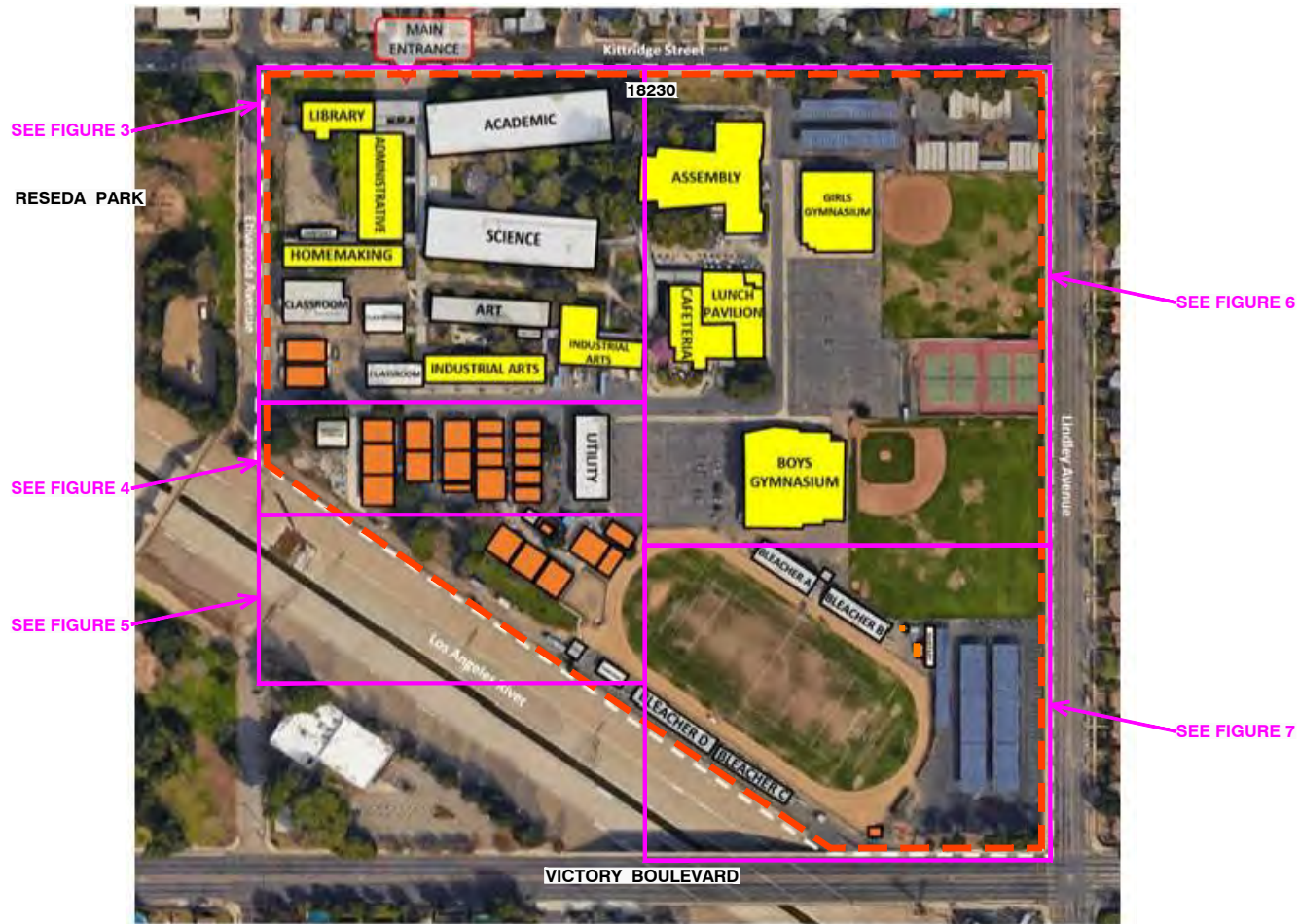


FIGURE 1



LEGEND

- SITE BOUNDARY
- BUILDING TO BE REMOVED
- PORTABLE TO BE REMOVED

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2017.

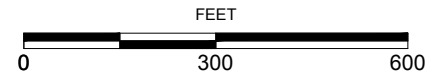
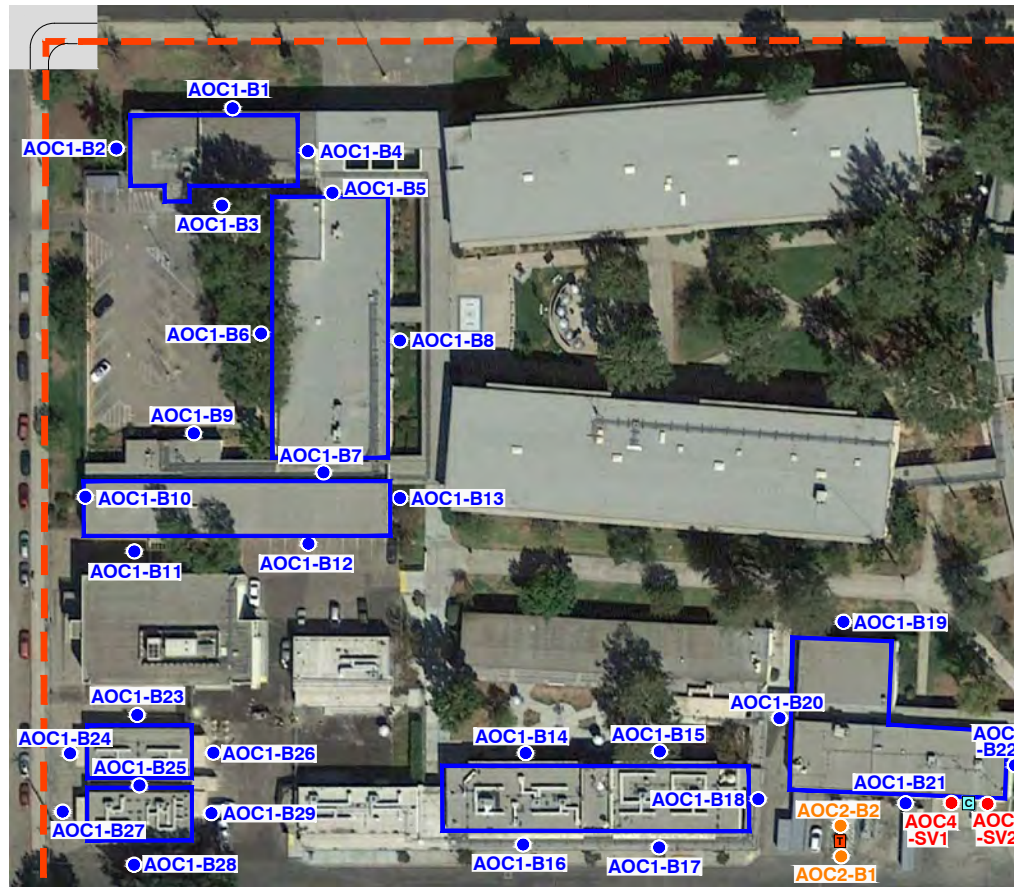


FIGURE 2

BUILDING LOCATIONS

RESEDA HIGH SCHOOL
18230 KITTRIDGE STREET
RESEDA, CALIFORNIA
210095004 | 8/17



LEGEND

- | | | | | |
|--|------------------|--|----------|---|
| | SITE BOUNDARY | | AOC1-B29 | PROPOSED SOIL SAMPLING LOCATION
(LEAD, ARSENIC, ORGANOCHLORINE PESTICIDES,
POLYCHLORINATED BIPHENYLS) |
| | CLARIFIER | | AOC2-B2 | PROPOSED SOIL SAMPLING LOCATION
(POLYCHLORINATED BIPHENYLS) |
| | TRANSFORMER | | AOC4-SV2 | PROPOSED SOIL VAPOR SAMPLING LOCATION
(VOLATILE ORGANIC COMPOUNDS) |
| | BUILDING OUTLINE | | | |

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2017.

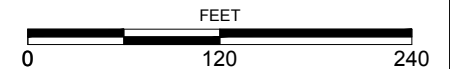


FIGURE 3

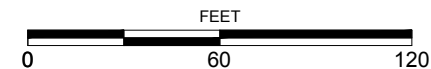
SOIL AND SOIL VAPOR SAMPLE LOCATIONS

RESEDA HIGH SCHOOL
18230 KITTRIDGE STREET
RESEDA, CALIFORNIA
210095004 | 8/17

**LEGEND**

- SITE BOUNDARY
- TRANSFORMER
- AOC5-SV2 PROPOSED SOIL VAPOR SAMPLING LOCATION (VOLATILE ORGANIC COMPOUNDS)
- AOC1-B75 PROPOSED SOIL SAMPLING LOCATION (LEAD, ARSENIC, ORGANOCHLORINE PESTICIDES, POLYCHLORINATED BIPHENYLS)
- AOC2-B2 PROPOSED SOIL SAMPLING LOCATION (POLYCHLORINATED BIPHENYLS)
- BUILDING OUTLINE

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2017.

**FIGURE 4****SOIL AND SOIL VAPOR SAMPLE LOCATIONS**

RESEDA HIGH SCHOOL
18230 KITTRIDGE STREET
RESEDA, CALIFORNIA
210095004 | 8/17

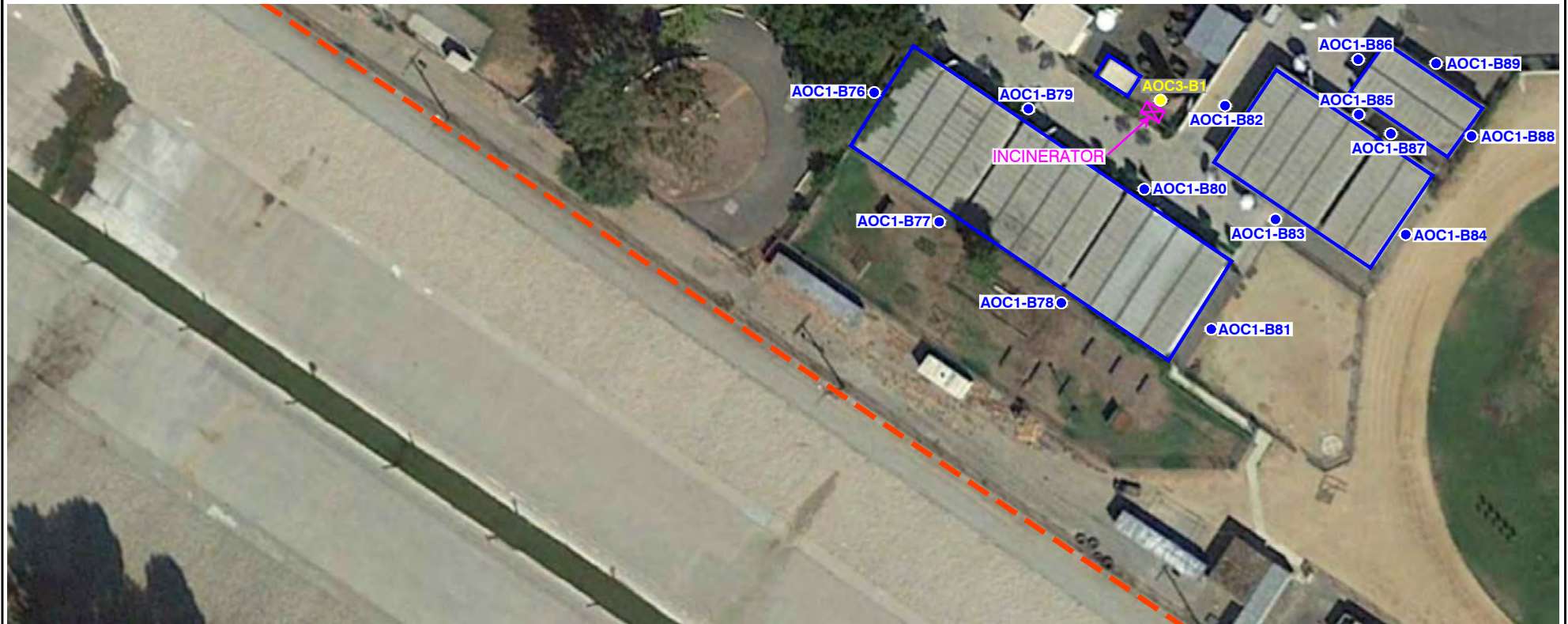
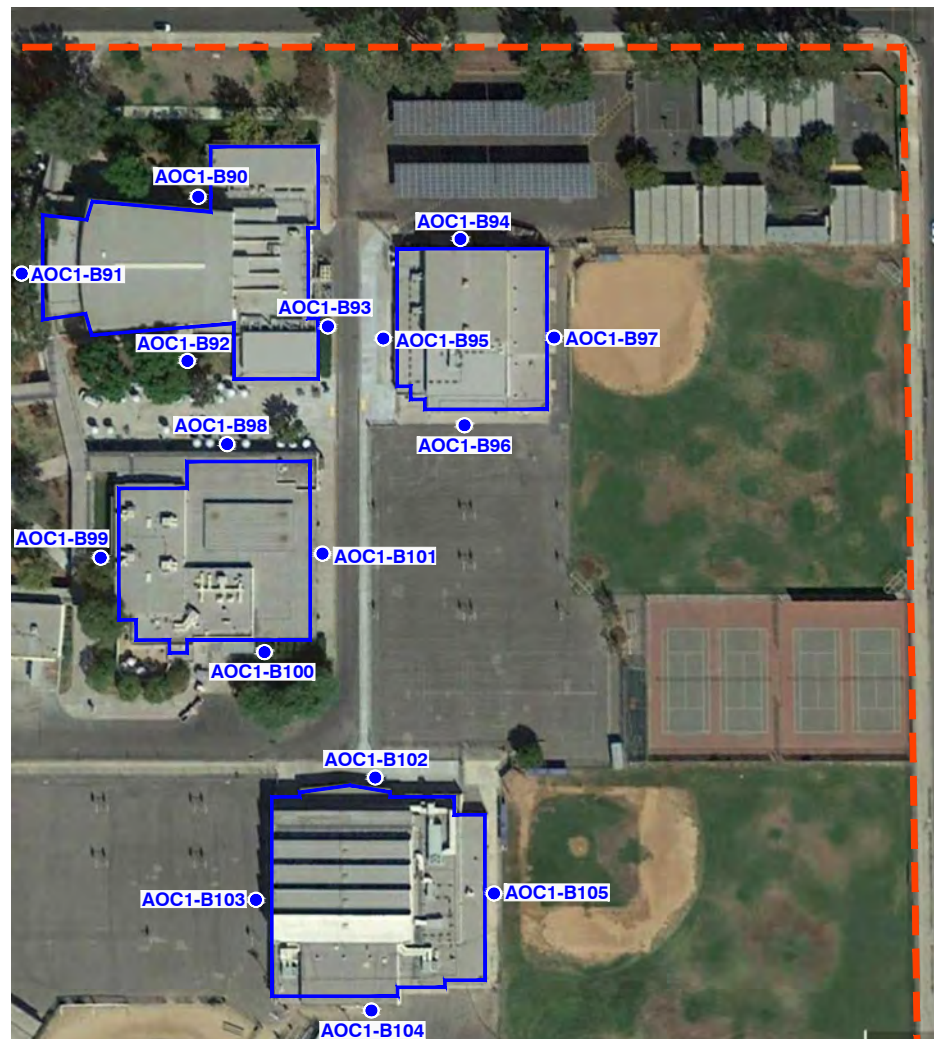


FIGURE 5

SOIL AND SOIL VAPOR SAMPLE LOCATIONS

RESEDA HIGH SCHOOL
 18230 KITTRIDGE STREET
 RESEDA, CALIFORNIA
 210095004 | 8/17



- LEGEND**
- SITE BOUNDARY
 - BUILDING OUTLINE
 - AOC1-B105 PROPOSED SOIL SAMPLING LOCATION
(LEAD, ARSENIC, ORGANOCHLORINE PESTICIDES,
POLYCHLORINATED BIPHENYLS)

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2017.

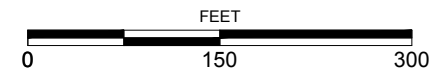


FIGURE 6

SOIL AND SOIL VAPOR SAMPLE LOCATIONS

RESEDA HIGH SCHOOL
18230 KITTRIDGE STREET
RESEDA, CALIFORNIA
210095004 | 8/17

210095004_SSL5.dwg 08/22/2017 JP



LEGEND

- SITE BOUNDARY
- BUILDING OUTLINE
- AOC1-B111 ● PROPOSED SOIL SAMPLING LOCATION
(LEAD, ARSENIC, ORGANOCHLORINE PESTICIDES,
POLYCHLORINATED BIPHENYLS)

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. | REFERENCE: GOOGLE EARTH, 2017.

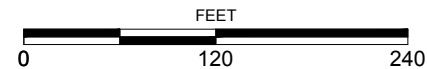


FIGURE 7

SOIL SAMPLE LOCATIONS

RESEDA HIGH SCHOOL
18230 KITTRIDGE STREET
RESEDA, CALIFORNIA
210095004 | 8/17

APPENDIX B

Location of Boring/Well: See Figure 3								Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA	
								Drilling Co.: Gregg Drilling		Boring/Well Number AOC4-B1	
Datum:								Drilling Method: Direct Push		Sheet 1 of 1	
								Weather Conditions: Sunny/Dry		Drilling	
								Surface Conditions: Concrete 8"		Start Date 12/22/17	Finish Date 12/22/17
								Notes: Hand auger top 5 ft		Time 8:30AM	Time 9:40AM
Sample No. Sample Depth	Time	Sampler Blows	Inches Driven % Recovery	Instrument:			Depth in Feet	USCS Soil Type			
				Auger	Sample	Breathing Zone					
							0	ML	SILT, 2.5Y 4/4, clay 15-20%, moist, firm.		
							1				
							2				
							3				
							4				
	0835				X		5	ML			
							6				
							7				
							8				
							9				
	0902				X		10	ML	Clayey SILT, 10YR 3/4, moist, firm, slightly mottled.		
							11				
							12				
							13				
							14				
	0910				X		15	CL	Silty CLAY, 10YR 5/4, trace sand, medium plasticity when wet, hard, moist.		
							16				
							17				
							18				
							19				
							20				

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

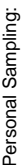
Sample Container:

Sample Analyses:

Personal Sampling:

Person Sampled:

☐ Yes
 ☐ No



Datum:

Notes: Hand auger top 5 ft

Time	Time
7:00AM	8:30AM

Reviewed By:

Calibration Date/Gas:

Sample Analyses:

Person Sampled:

Sample No. Sample Depth	Time	Sampler Blows	Inches Driven % Recovery	Instrument:			Depth in Feet	USCS Soil Type			
				Auger	Sample	Breathing Zone					
							0	ML			
							1		ML		
							2			ML	
							3				ML
							4				
	0720				X		5	ML			
							6		ML		
							7			ML	
							8				ML
							9				
	0735				X		10	ML			
							11		ML		
							12			ML	
							13				ML
							14				
							15	ML			
	0758				X		16		ML		
							17			ML	
							18				ML
							19				
							20	ML			

ML

ML

ML

Location of Boring/Well: See Figure 3								Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA	
								Drilling Co.: Gregg Drilling		Boring/Well Number AOC4-SV3	
Datum:								Drilling Method: Direct Push		Sheet 1 of 1	
								Weather Conditions: Sunny/Dry		Drilling	
								Surface Conditions: Asphalt 4"		Start Date 2/19/18	
										Finish Date 2/19/18	
								Notes: Hand auger top 5 ft		Time 8:20AM	
										Time 9:00AM	
Sample No.	Time	Sampler Blows	Inches Driven	Instrument:			Depth in Feet	USCS Soil Type			
Sample Depth			% Recovery	Auger	Sample	Breathing Zone					
							0				
							1	ML	SILT, brown, silt with medium to coarse grained sand, trace clay, moist.		
							2				
							3	SP	SAND, light brown, fine grained sand, moist.		
							4		Trace silt at 3.5'.		
							5				
							6	SM	Silty SAND, light brown, fine grained sand, moist.		
							7		trace white fibers/roots at 6'.		
							8	SP	SAND, light brown, fine grained sand.		
							9	SM	Silty SAND, light brown, trace clay, moist.		
							10		SILT with clay, brown, some fine grained sand, trace white caliche.		
							11				
							12	SM	SILT with no clay, brown, white caliche, moist at 10.5'.		
							13				
							14		some fine grained sand at 12'.		
							15				
							16	SM	Silty SAND, light brown, fine grained sand, moist.		
							17				
							18				
							19				
							20				

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

Sample Container:

Sample Analyses:

Personal Sampling: ☐ Yes ☐ No

Person Sampled:

Location of Boring/Well: See Figure 3 Datum:								Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA	
								Drilling Co.: Gregg Drilling		Boring/Well Number AOC4-SV5	
								Drilling Method: Direct Push			
								Weather Conditions: Sunny/Dry		Sheet 1 of 1	
								Surface Conditions: Concrete 4"		Drilling	
										Start Date 2/19/18	
Notes: Hand auger top 5 ft								Time 10:05AM		Time 10:50AM	

Sample No.	Sample Depth	Time	Sampler Blows	Inches Driven	% Recovery	Instrument:			Depth in Feet	USCS Soil Type	
						Auger	Sample	Breathing Zone			
									0		
										SP	SAND with gravel, brown, fine to coarse grained sand, moist.
									1		
											SAND, brown, fine grained sand, moist.
									2		
									3	SP	
									4		
									5	SM	Silty SAND, brown, fine grained sand, white caliche, moist.
									6		
									7	SP	SAND, brown, fine grained sand, trace silt, moist.
									8		
											SILT with sand, brown, few clay, white fibers/roots, moist.
									9		
									10	ML	
									11		
									12		
									13		Sandy SILT, brown, fine to medium grained sand, trace clay, caliche, moist.
									14	ML	
									15	SM	Silty SAND, brown, fine to medium grained sand, trace sub rounded gravel to 1/2"
									16		End of Boring at 16'
									17		
									18		
									19		
									20		

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

Sample Container:

Sample Analyses:

Personal Sampling: ☐ Yes ☐ No

Person Sampled:



Reseda High School, Reseda, CA

e	Da
---	----

e	Time
---	------

AM 12:5

Same as above, clay % increasing.

Total Depth drilled and sampled = 15.5 ft below ground surface

Person Sampled:

☐ Yes ☐ No

Sample No. Sample Depth	Time	Sampler Blows	Inches Driven % Recovery	Instrument:			Depth in Feet	USCS Soil Type	Notes: Hand auger top 5 feet	3/26/18	3/26/18	
				Auger	Sample	Breathing Zone				Time 11:25AM	Time 12:50AM	
							0	SP				
							1		SAND with gravel to 1-inch, brown, moist, loose.			
							2					
							2	SM	Silty SAND, loose, moist.			
							3	ML	SILT, 2.5Y 4/4, 10-15% clay, moist, loose.			
							4					
							5					
1135				X			6		SILT, 2.5Y 4/3, 10% fine grained sand, 20% clay, loose to medium dense, moist.			
							7					
							8					
							9		Same as above, clay % increasing.			
							10					
							11					
							12					
							13					
							14					
							15					
1150				X			16		TD	Total Depth drilled and sampled = 15.5 ft below ground surface		
							17					
							18					
							19					
							20					

Location of Boring/Well: See Figure 3										Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA	
										Drilling Co.: Gregg Drilling		Boring/Well Number AOC4-SV8	
Datum:										Drilling Method: Direct Push		Sheet 1 of 1	
										Weather Conditions: Sunny/Dry		Drilling	
										Surface Conditions: Asphalt 4"		Start Date 3/26/18	Finish Date 3/26/18
										Notes: Hand auger top 5 ft		Time 10:20AM	Time 11:20AM
Sample No. Sample Depth	Time	Sampler Blows	Inches Driven % Recovery	Instrument:			Depth in Feet	USCS Soil Type					
				Auger	Sample	Breathing Zone							
							0	SM/ML	Silty SAND/SILT, 10YR 4/3, loose, moist, gravel to 1/4".				
							1						
							2						
							3						
							4						
	1040				X		5	ML	SILT, 10YR 4/3, 10% fine grained sand, moist, loose.				
							6		Clayey SILT, 10YR 3/3, moist, medium dense.				
							7						
							8						
							9						
							10		same as above, 10YR 4/3, clay % increasing.				
							11						
							12						
							13						
							14						
	1100				X		15		End of Boring at 15.5'				
							16						
							17						
							18						
							19						
							20						

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

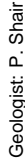
Sample Container:

Sample Analyses:

Personal Sampling:

Person Sampled:

☐ Yes
 ☐ No



Type of Instrument/Serial No.

Sample Container:

☐ Yes ☐ No

Personal Sampling:

Reviewed By:

Calibration Date/Gas:

Sample Analyses:

Person Sampled:

Job No.450810

Reseda High School, Reseda, CA

Drilling Co.: Gregg Drilling

Boring/Well Number
AOC4-SV9

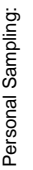
Sheet
1 of 1

Start	Finish
Date 3/26/18	Date 3/26/18

Notes: Hand auger top 15.5 ft

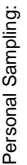
Time	Time
9:00AM	10:20AM

[illegible]



Person Sampled:

[illegible]



Reviewed By:

Datum:

Time
12:00PM

Sample No. Sample Depth	Time	Sampler Blows	Inches Driven % Recovery	Instrument:			Depth in Feet	USCS Soil Type	Notes: Hand auger to 15.5'	5/12/18	5/12/18
				Auger	Sample	Breathing Zone				Time 11:00AM	Time 12:00PM
							0				
							1				
							2				
							3				
	11:04				X		4				
							5	ML	Sandy SILT, 2.5Y 4/4, fine to medium grained sand, moist, loose.		
							6				
							7				
							8				
							9				
							10				
							11				
							12				
							13				
							14	ML	Sandy SILT, 2.5Y 5/6, fine grained sand, moist.		
	11:30				X		15		End of Boring at 15'		
							16				
							17				
							18				
							19				
							20				

Location of Boring/Well: See Figure 3								Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA			
								Drilling Co.: Gregg Drilling				Boring/Well Number AOC4-SV12	
								Drilling Method: Hand Auger					
								Weather Conditions: Overcast/rainy				Sheet 1 of 1	
								Surface Conditions: Asphalt				Drilling	
								Datum:				Start Date 5/12/18	
Notes: Hand auger to 15								Time 7:45AM		Time 8:45AM			

Sample No.	Time	Sampler Blows	Inches Driven	Instrument:			Depth in Feet	USCS Soil Type
				Auger	Sample	Breathing Zone		
							0	
							1	
							2	
							3	
	7:54				X		4	
							5	SM
							6	Silty SAND, 10YR 5/4, fine to medium grained sand, moist, roots.
							7	
							8	
							9	
							10	
							11	
							12	
							13	
	8:15				X		14	SM
							15	Silty SAND, 10YR 5/4, fine to medium grained sand, moist, roots.
							16	
							17	
							18	
							19	
							20	

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

Sample Container:

Sample Analyses:

☐ Yes
 ☐ No

Personal Sampling:

Person Sampled:

Location of Boring/Well: See Figure 3								Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA									
								Drilling Co.: Gregg Drilling		Boring/Well Number AOC4-SV13									
								Drilling Method: Hand Auger											
								Weather Conditions: Overcast/rainy											
																Surface Conditions: Dirt		Sheet 1 of 1	
																Notes: Hand auger to 15		Drilling Start Date: 5/12/18 Finish Date: 5/12/18 Time: 9:00AM Time: 10:30AM	

Sample No.	Time	Sampler Blows	Inches Driven	Instrument:			Depth in Feet	USCS Soil Type	
				Auger	Sample	Breathing Zone			
							0	SM	Silty SAND, 2.5Y 4/4, fine to medium grained sand, moist, roots.
							1		
							2		
							3	SP	SAND, fine grained sand, loose, moist.
	9:10				X		4	ML	Sandy SILT, 2.5Y 4/4, moist, fine to coarse grained sand.
							5		
							6		
							7		
							8		
							9		
							10		
							11		
							12		
							13		
	10:15				X		14		
							15		End of Boring at 15'
							16		
							17		
							18		
							19		
							20		

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

Sample Container:

Sample Analyses:

Personal Sampling: ☐ Yes ☐ No

Person Sampled:

Location of Boring/Well: See Figure 3								Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA	
								Drilling Co.: Gregg Drilling		Boring/Well Number AOC5-B1	
Datum:								Drilling Method: Direct Push		Sheet 1 of 1	
								Weather Conditions: Sunny/Dry		Drilling	
								Surface Conditions: asphalt 4"		Start Date 12/22/17	Finish Date 12/22/17
								Notes: Hand auger top 5 ft		Time 11:20AM	Time 1:00PM
Sample No. Sample Depth	Time	Sampler Blows	Inches Driven % Recovery	Instrument:			Depth in Feet	USCS Soil Type			
				Auger	Sample	Breathing Zone					
							0	ML			
							1				
							2				
							3				
							4				
							5		SILT, 2.5Y 5/4, almost dry, slightly mottled with slight silica		
							6				
							7				
							8				
							9				
							10	CL	CLAY, 2.5Y 3/3, medium plasticity when wet, moist, hard, slight mottling.		
							11				
							12				
							13				
							14	ML			
							15		Clayey SILT, 2.5Y 4/2, moist, firm, slight mottling.		
							16				
							17				
							18				
							19				
							20				

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

Sample Container:

Sample Analyses:

Personal Sampling: ☐ Yes ☐ No

Person Sampled:

Location of Boring/Well: See Figure 3								Job No.450810		Client/Site: LAUSD Reseda High School, Reseda, CA	
								Drilling Co.: Gregg Drilling		Boring/Well Number AOC5-B2	
Datum:								Drilling Method: Direct Push		Sheet 1 of 1	
								Weather Conditions: Sunny/Dry		Drilling	
								Surface Conditions: asphalt 4"		Start Date 12/22/17	Finish Date 12/22/17
								Notes: Hand auger top 5 ft		Time 9:40AM	Time 11:20AM
Sample No. Sample Depth	Time	Sampler Blows	Inches Driven % Recovery	Instrument:			Depth in Feet	USCS Soil Type			
				Auger	Sample	Breathing Zone					
							0	ML	SILT, 2.5Y 4/3, clay 15-20%, moist, soft, slightly micaceous.		
							1				
							2				
							3				
							4				
							5	ML			
							6				
							7				
							8				
							9				
							10	ML	SILT as above, slightly increasing clay content, firm.		
							11				
							12				
							13				
							14				
							15	ML	SILT, 2.5Y 4/4, clay 10-15%, 5% fine grained sand, moist, medium dense.		
							16				
							17				
							18				
							19				
							20				

Geologist: P. Shair

Reviewed By:

Type of Instrument/Serial No.

Calibration Date/Gas:

Sample Container:

Sample Analyses:

☐ Yes ☐ No

Personal Sampling:

Person Sampled:

APPENDIX C

Manifest

SOIL SAFE OF CA - TPST

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
			A07		

Generator's Name and Billing Address: L.A.U.S.D. - OEHS 333 S. BEAUDRY AVE., 21ST FLOOR LOS ANGELES, CA 90017	Generator's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number

Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number

Generation Site (Transport from): (name & address) LAUSD - RESEDA HIGH SCHOOL 18230 KITTRIDGE ST. RESEDA, CA 91335	Site Phone #:	
	Person to Contact:	
	FAX#:	

Designated Facility (Transport to): (name & address) SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #:	
	Person to Contact:	
	FAX#:	

Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 292231	Transporter's Phone #:	
	Person to Contact:	
	FAX#:	

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input checked="" type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input checked="" type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input checked="" type="checkbox"/>	17 DM				
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:

Scale Ticket #

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
Dave T. Robinson AS AGENT FOR	[Signature]	03	16	18

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
LUIS NAVARRO	[Signature]	3	16	18

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
J. PROVANSAL	

GENERATOR/CONSULTANTS COPY

Manifest

SOIL SAFE OF CA - TPST

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: 1/1 Responsible for Payment: _____ Transport Truck #: _____ Facility #: A07 Approval Number: 48582 Load #: _____

Generator's Name and Billing Address:

LAUSD - OEHS
333 S. BEAUDRY AVE., 21ST FLOOR
LOS ANGELES, CA 90017

Generator's Phone #: 213-241-3199

Person to Contact: _____

FAX#: _____

Customer Account Number _____

Consultant's Name and Billing Address:

Consultant's Phone #: _____

Person to Contact: _____

FAX#: _____

Customer Account Number _____

Generation Site (Transport from): (name & address)

LAUSD - RESEDA HIGH SCHOOL
18230 KITTRIDGE ST.
RESEDA, CA 91335

Site Phone #: _____

Person to Contact: _____

FAX#: _____

Designated Facility (Transport to): (name & address)

SOIL SAFE
12328 HIBISCUS AVENUE
ADELANTO, CA 92301

Facility Phone #: (800) 862-8001

Person to Contact: JOE PROVANSAL

FAX#: _____

(760) 246-8004

Transporter Name and Mailing Address:

BELSHIRE
25971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610

BESI: 295237

Transporter's Phone #: 949-460-5200

Person to Contact: LARRY MOOTHART

FAX#: _____

949-460-5210

CAR000183913

450647

Customer Account Number _____

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>	<u>003 DM</u>	<u>Soil</u>			
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above: _____

Scale Ticket # _____

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☒ Consultant ☐ Signature and date: _____ Month 06 Day 22 Year 18
Dane T Robinson For LAUSD

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: _____ Signature and date: _____ Month 06 Day 22 Year 18
Thomas Bull

Discrepancies: _____

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: _____ Signature and date: _____
J. PROVANSAL

Please print or type.

GENERATOR/CONSULTANTS COPY

APPENDIX D

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198798-1

Client Project/Site: LAUSD Reseda H.S., CA

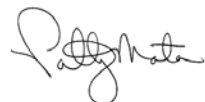
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/30/2017 10:39:50 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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results through

TotalAccess

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Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198798-1	AOC1-B31-D0.5	Solid	12/18/17 08:40	12/19/17 13:10
440-198798-4	AOC1-B34-D0.5	Solid	12/18/17 08:25	12/19/17 13:10
440-198798-7	AOC1-B37-D0.5	Solid	12/18/17 08:10	12/19/17 13:10
440-198798-10	AOC1-B30-D0.5	Solid	12/18/17 09:40	12/19/17 13:10
440-198798-13	AOC1-B33-D0.5	Solid	12/18/17 08:55	12/19/17 13:10
440-198798-16	AOC1-B36-D0.5	Solid	12/18/17 09:10	12/19/17 13:10
440-198798-19	AOC1-B39-D0.5	Solid	12/18/17 09:25	12/19/17 13:10
440-198798-22	AOC1-B44-D0.5	Solid	12/18/17 09:55	12/19/17 13:10
440-198798-25	AOC1-B54-D0.5	Solid	12/18/17 11:25	12/19/17 13:10
440-198798-28	AOC1-B43-D0.5	Solid	12/18/17 10:40	12/19/17 13:10
440-198798-31	AOC1-B46-D0.5	Solid	12/18/17 10:55	12/19/17 13:10
440-198798-34	AOC1-B51-D0.5	Solid	12/18/17 11:40	12/19/17 13:10
440-198798-37	AOC1-B38-D0.5	Solid	12/18/17 12:10	12/19/17 13:10
440-198798-40	AOC1-B45-D0.5	Solid	12/18/17 11:10	12/19/17 13:10
440-198798-43	AOC1-B41-D0.5	Solid	12/18/17 10:10	12/19/17 13:10
440-198798-46	AOC1-B40-D0.5	Solid	12/18/17 10:25	12/19/17 13:10
440-198798-49	AOC1-B47-D0.5	Solid	12/18/17 11:55	12/19/17 13:10
440-198798-52	AOC1-B52-D0.5	Solid	12/18/17 12:50	12/19/17 13:10
440-198798-55	AOC1-B55-D0.5	Solid	12/18/17 13:05	12/19/17 13:10
440-198798-60	AOC1-B59-D0.5-DUP	Solid	12/18/17 13:25	12/19/17 13:10
440-198798-61	AOC1-B59-D-0.5	Solid	12/18/17 13:20	12/19/17 13:10
440-198798-64	AOC1-B61-D0.5	Solid	12/18/17 13:35	12/19/17 13:10
440-198798-67	AOC1-B70-D0.5	Solid	12/18/17 13:50	12/19/17 13:10
440-198798-70	AOC1-B60-D0.5-DUP	Solid	12/18/17 14:05	12/19/17 13:10
440-198798-71	AOC1-B70-D0.5-DUP	Solid	12/18/17 13:55	12/19/17 13:10
440-198798-72	AOC1-B61-D0.5-DUP	Solid	12/18/17 13:35	12/19/17 13:10
440-198798-73	AOC1-B60-D0.5	Solid	12/18/17 14:05	12/19/17 13:10
440-198798-76	AOC1-B62-D0.5	Solid	12/18/17 14:20	12/19/17 13:10
440-198798-79	AOC1-B67-D0.5	Solid	12/18/17 14:35	12/19/17 13:10
440-198798-82	AOC1-B65-D0.5	Solid	12/18/17 14:50	12/19/17 13:10
440-198798-85	AOC1-B64-D0.5	Solid	12/18/17 15:05	12/19/17 13:10
440-198798-88	AOC1-B58-D0.5	Solid	12/18/17 15:20	12/19/17 13:10
440-198798-91	E121817	Water	12/18/17 15:35	12/19/17 13:10

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Job ID: 440-198798-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198798-1

Comments

No additional comments.

Receipt

The samples were received on 12/19/2017 1:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 2.2° C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No analysis requested for sample E121817 (440-198798-91). Sample was put on hold. Client emailed request for analysis of this sample, but the request was missed originally. Sample was removed from hold and tests were performed, but the 7-day extraction hold time for EPA 8081A-Pesticides and EPA 8082 PCBs was missed.

GC Semi VOA

Method(s) 8081A / 8082: The following sample was prepared outside of 7-day preparation holding time due to missing requests on original COC, and laboratory oversight for revised COC: E121817 (440-198798-91).

Method(s) 8082: The matrix spike duplicate (MSD) recoveries for the following sample associated with preparation batch 440-447926 and analytical batch 440-448043 was outside control limits for 1260 due to matrix: (440-198797-G-1-C MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8081A / 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-448689. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C / 8081A / 8082: Slightly elevated reporting limits are provided for the following sample due to insufficient sample volume (less than 250ml) provided for preparation: E121817 (440-198798-91).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B31-D0.5

Lab Sample ID: 440-198798-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	24		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-D0.5

Lab Sample ID: 440-198798-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1260	42	J	49	17	ug/Kg	1		8082	Total/NA
Arsenic	5.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	100		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B37-D0.5

Lab Sample ID: 440-198798-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	13		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B30-D0.5

Lab Sample ID: 440-198798-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.6		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B33-D0.5

Lab Sample ID: 440-198798-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1260	24	J	50	17	ug/Kg	1		8082	Total/NA
Arsenic	9.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	26		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B36-D0.5

Lab Sample ID: 440-198798-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	26		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B39-D0.5

Lab Sample ID: 440-198798-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	19		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B44-D0.5

Lab Sample ID: 440-198798-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	28		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B54-D0.5

Lab Sample ID: 440-198798-25

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B54-D0.5 (Continued)

Lab Sample ID: 440-198798-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1260	17	J	49	17	ug/Kg	1		8082	Total/NA
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	37		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B43-D0.5

Lab Sample ID: 440-198798-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	4.0		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B46-D0.5

Lab Sample ID: 440-198798-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	19		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B51-D0.5

Lab Sample ID: 440-198798-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	13		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B38-D0.5

Lab Sample ID: 440-198798-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	33		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B45-D0.5

Lab Sample ID: 440-198798-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	46		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B41-D0.5

Lab Sample ID: 440-198798-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	54		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B40-D0.5

Lab Sample ID: 440-198798-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	14		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B47-D0.5

Lab Sample ID: 440-198798-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B47-D0.5 (Continued)

Lab Sample ID: 440-198798-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B52-D0.5

Lab Sample ID: 440-198798-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	8.6		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B55-D0.5

Lab Sample ID: 440-198798-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	32		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B59-D0.5-DUP

Lab Sample ID: 440-198798-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	13		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B59-D-0.5

Lab Sample ID: 440-198798-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	23		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B61-D0.5

Lab Sample ID: 440-198798-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	18		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B70-D0.5

Lab Sample ID: 440-198798-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	30		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B60-D0.5-DUP

Lab Sample ID: 440-198798-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	11		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B70-D0.5-DUP

Lab Sample ID: 440-198798-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	23		2.0	1.0	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B61-D0.5-DUP

Lab Sample ID: 440-198798-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.7		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B60-D0.5

Lab Sample ID: 440-198798-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	4.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B62-D0.5

Lab Sample ID: 440-198798-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	15		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B67-D0.5

Lab Sample ID: 440-198798-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	29		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B65-D0.5

Lab Sample ID: 440-198798-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	34		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-D0.5

Lab Sample ID: 440-198798-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	35		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-D0.5

Lab Sample ID: 440-198798-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	27		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: E121817

Lab Sample ID: 440-198798-91

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B31-D0.5

Date Collected: 12/18/17 08:40

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-1

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 13:38	5
Lead	24		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 13:38	5

Client Sample ID: AOC1-B34-D0.5

Date Collected: 12/18/17 08:25

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 13:41	1
Aroclor 1221	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 13:41	1
Aroclor 1232	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 13:41	1
Aroclor 1242	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 13:41	1
Aroclor 1248	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 13:41	1
Aroclor 1254	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 13:41	1
Aroclor 1260	42	J	49	17	ug/Kg		12/20/17 17:13	12/21/17 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		45 - 120	12/20/17 17:13	12/21/17 13:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 13:54	5
Lead	100		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 13:54	5

Client Sample ID: AOC1-B37-D0.5

Date Collected: 12/18/17 08:10

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-7

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 13:56	5
Lead	13		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 13:56	5

Client Sample ID: AOC1-B30-D0.5

Date Collected: 12/18/17 09:40

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-10

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 13:58	5
Lead	6.6		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 13:58	5

Client Sample ID: AOC1-B33-D0.5

Date Collected: 12/18/17 08:55

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 13:54	1
Aroclor 1221	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 13:54	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B33-D0.5

Lab Sample ID: 440-198798-13

Date Collected: 12/18/17 08:55

Matrix: Solid

Date Received: 12/19/17 13:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 13:54	1
Aroclor 1242	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 13:54	1
Aroclor 1248	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 13:54	1
Aroclor 1254	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 13:54	1
Aroclor 1260	24	J	50	17	ug/Kg		12/20/17 17:13	12/21/17 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		45 - 120	12/20/17 17:13	12/21/17 13:54	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:00	5
Lead	26		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 14:00	5

Client Sample ID: AOC1-B36-D0.5

Lab Sample ID: 440-198798-16

Date Collected: 12/18/17 09:10

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:02	5
Lead	26		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 14:02	5

Client Sample ID: AOC1-B39-D0.5

Lab Sample ID: 440-198798-19

Date Collected: 12/18/17 09:25

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:04	5
Lead	19		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:04	5

Client Sample ID: AOC1-B44-D0.5

Lab Sample ID: 440-198798-22

Date Collected: 12/18/17 09:55

Matrix: Solid

Date Received: 12/19/17 13:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:08	1
Aroclor 1221	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:08	1
Aroclor 1232	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:08	1
Aroclor 1242	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:08	1
Aroclor 1248	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:08	1
Aroclor 1254	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:08	1
Aroclor 1260	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	54		45 - 120	12/20/17 17:13	12/21/17 14:08	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B44-D0.5

Lab Sample ID: 440-198798-22

Date Collected: 12/18/17 09:55

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:06	5
Lead	28		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 14:06	5

Client Sample ID: AOC1-B54-D0.5

Lab Sample ID: 440-198798-25

Date Collected: 12/18/17 11:25

Matrix: Solid

Date Received: 12/19/17 13:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:21	1
Aroclor 1221	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:21	1
Aroclor 1232	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:21	1
Aroclor 1242	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:21	1
Aroclor 1248	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:21	1
Aroclor 1254	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:21	1
Aroclor 1260	17	J	49	17	ug/Kg		12/20/17 17:13	12/21/17 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		45 - 120	12/20/17 17:13	12/21/17 14:21	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:17	5
Lead	37		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 14:17	5

Client Sample ID: AOC1-B43-D0.5

Lab Sample ID: 440-198798-28

Date Collected: 12/18/17 10:40

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:20	5
Lead	4.0		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 14:20	5

Client Sample ID: AOC1-B46-D0.5

Lab Sample ID: 440-198798-31

Date Collected: 12/18/17 10:55

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:22	5
Lead	19		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:22	5

Client Sample ID: AOC1-B51-D0.5

Lab Sample ID: 440-198798-34

Date Collected: 12/18/17 11:40

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:24	5
Lead	13		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 14:24	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B38-D0.5

Date Collected: 12/18/17 12:10

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-37

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:26	5
Lead	33		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:26	5

Client Sample ID: AOC1-B45-D0.5

Date Collected: 12/18/17 11:10

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-40

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.5		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:28	5
Lead	46		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:28	5

Client Sample ID: AOC1-B41-D0.5

Date Collected: 12/18/17 10:10

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-43

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:30	5
Lead	54		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:30	5

Client Sample ID: AOC1-B40-D0.5

Date Collected: 12/18/17 10:25

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-46

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:32	5
Lead	14		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:32	5

Client Sample ID: AOC1-B47-D0.5

Date Collected: 12/18/17 11:55

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-49

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:34	5
Lead	6.0		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:34	5

Client Sample ID: AOC1-B52-D0.5

Date Collected: 12/18/17 12:50

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-52

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:36	5
Lead	8.6		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:36	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B55-D0.5

Lab Sample ID: 440-198798-55

Date Collected: 12/18/17 13:05

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:49	5
Lead	32		2.0	1.0	mg/Kg		12/21/17 09:37	12/22/17 14:49	5

Client Sample ID: AOC1-B59-D0.5-DUP

Lab Sample ID: 440-198798-60

Date Collected: 12/18/17 13:25

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.7		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 14:51	5
Lead	13		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 14:51	5

Client Sample ID: AOC1-B59-D-0.5

Lab Sample ID: 440-198798-61

Date Collected: 12/18/17 13:20

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:27	5
Lead	23		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:27	5

Client Sample ID: AOC1-B61-D0.5

Lab Sample ID: 440-198798-64

Date Collected: 12/18/17 13:35

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:38	5
Lead	18		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:38	5

Client Sample ID: AOC1-B70-D0.5

Lab Sample ID: 440-198798-67

Date Collected: 12/18/17 13:50

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:40	5
Lead	30		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:40	5

Client Sample ID: AOC1-B60-D0.5-DUP

Lab Sample ID: 440-198798-70

Date Collected: 12/18/17 14:05

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:42	5
Lead	11		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:42	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B70-D0.5-DUP

Lab Sample ID: 440-198798-71

Date Collected: 12/18/17 13:55

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:51	5
Lead	23		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:51	5

Client Sample ID: AOC1-B61-D0.5-DUP

Lab Sample ID: 440-198798-72

Date Collected: 12/18/17 13:35

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:53	5
Lead	9.7		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:53	5

Client Sample ID: AOC1-B60-D0.5

Lab Sample ID: 440-198798-73

Date Collected: 12/18/17 14:05

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:55	5
Lead	4.0		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:55	5

Client Sample ID: AOC1-B62-D0.5

Lab Sample ID: 440-198798-76

Date Collected: 12/18/17 14:20

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:57	5
Lead	15		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:57	5

Client Sample ID: AOC1-B67-D0.5

Lab Sample ID: 440-198798-79

Date Collected: 12/18/17 14:35

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:59	5
Lead	29		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:59	5

Client Sample ID: AOC1-B65-D0.5

Lab Sample ID: 440-198798-82

Date Collected: 12/18/17 14:50

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:01	5
Lead	34		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:01	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B64-D0.5

Date Collected: 12/18/17 15:05

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-85

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:04	5
Lead	35		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:04	5

Client Sample ID: AOC1-B58-D0.5

Date Collected: 12/18/17 15:20

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-88

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:06	5
Lead	27		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:06	5

Client Sample ID: E121817

Date Collected: 12/18/17 15:35

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-91

Matrix: Water

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
4,4'-DDE	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
4,4'-DDT	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Aldrin	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
alpha-BHC	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
beta-BHC	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Chlordane (technical)	ND	H	1.0	0.52	ug/L		12/27/17 15:27	12/28/17 14:01	1
delta-BHC	ND	H	0.21	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Dieldrin	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Endosulfan I	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Endosulfan II	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Endosulfan sulfate	ND	H	0.21	0.10	ug/L		12/27/17 15:27	12/28/17 14:01	1
Endrin	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Endrin aldehyde	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Endrin ketone	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
gamma-BHC (Lindane)	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Heptachlor	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Heptachlor epoxide	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Methoxychlor	ND	H	0.10	0.052	ug/L		12/27/17 15:27	12/28/17 14:01	1
Toxaphene	ND	H	5.2	2.6	ug/L		12/27/17 15:27	12/28/17 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		19 - 115	12/27/17 15:27	12/28/17 14:01	1
DCB Decachlorobiphenyl (Surr)	131		10 - 149	12/27/17 15:27	12/28/17 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND	H	1.0	0.52	ug/L		12/27/17 15:27	12/28/17 08:50	1
Aroclor 1221	ND	H	1.0	0.52	ug/L		12/27/17 15:27	12/28/17 08:50	1
Aroclor 1232	ND	H	1.0	0.52	ug/L		12/27/17 15:27	12/28/17 08:50	1
Aroclor 1242	ND	H	1.0	0.52	ug/L		12/27/17 15:27	12/28/17 08:50	1
Aroclor 1248	ND	H	1.0	0.52	ug/L		12/27/17 15:27	12/28/17 08:50	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: E121817

Lab Sample ID: 440-198798-91

Date Collected: 12/18/17 15:35

Matrix: Water

Date Received: 12/19/17 13:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1254	ND	H	1.0	0.52	ug/L	-	12/27/17 15:27	12/28/17 08:50	1
Aroclor 1260	ND	H	1.0	0.52	ug/L	-	12/27/17 15:27	12/28/17 08:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	112		26 - 115	12/27/17 15:27	12/28/17 08:50	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L	-	12/28/17 08:17	12/28/17 17:20	1
Lead	ND		0.0050	0.0038	mg/L	-	12/28/17 08:17	12/28/17 17:20	1

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (19-115)	DCB2 (10-149)
440-198798-91	E121817	66	131
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl (Surr)			

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	DCB2 (45-120)	
440-198797-G-1-B MS	Matrix Spike	48	
440-198797-G-1-C MSD	Matrix Spike Duplicate	48	
440-198798-4	AOC1-B34-D0.5	48	
440-198798-13	AOC1-B33-D0.5	69	
440-198798-22	AOC1-B44-D0.5	54	
440-198798-25	AOC1-B54-D0.5	48	
LCS 440-447926/2-A	Lab Control Sample	72	
MB 440-447926/1-A	Method Blank	80	
Surrogate Legend			
DCB = DCB Decachlorobiphenyl (Surr)			

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	DCB2 (26-115)	
440-198798-91	E121817	112	
LCS 440-448689/4-A	Lab Control Sample	73	
LCSD 440-448689/5-A	Lab Control Sample Dup	81	
MB 440-448689/1-A	Method Blank	73	
Surrogate Legend			
DCB = DCB Decachlorobiphenyl (Surr)			

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B31-D0.5

Date Collected: 12/18/17 08:40

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:38	K1E	TAL IRV

Client Sample ID: AOC1-B34-D0.5

Date Collected: 12/18/17 08:25

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.28 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 13:41	JM	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:54	K1E	TAL IRV

Client Sample ID: AOC1-B37-D0.5

Date Collected: 12/18/17 08:10

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:56	K1E	TAL IRV

Client Sample ID: AOC1-B30-D0.5

Date Collected: 12/18/17 09:40

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:58	K1E	TAL IRV

Client Sample ID: AOC1-B33-D0.5

Date Collected: 12/18/17 08:55

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.13 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 13:54	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:00	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B36-D0.5

Lab Sample ID: 440-198798-16

Date Collected: 12/18/17 09:10

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:02	K1E	TAL IRV

Client Sample ID: AOC1-B39-D0.5

Lab Sample ID: 440-198798-19

Date Collected: 12/18/17 09:25

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:04	K1E	TAL IRV

Client Sample ID: AOC1-B44-D0.5

Lab Sample ID: 440-198798-22

Date Collected: 12/18/17 09:55

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.23 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 14:08	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:06	K1E	TAL IRV

Client Sample ID: AOC1-B54-D0.5

Lab Sample ID: 440-198798-25

Date Collected: 12/18/17 11:25

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.25 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 14:21	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:17	K1E	TAL IRV

Client Sample ID: AOC1-B43-D0.5

Lab Sample ID: 440-198798-28

Date Collected: 12/18/17 10:40

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:20	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B46-D0.5

Lab Sample ID: 440-198798-31

Date Collected: 12/18/17 10:55

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:22	K1E	TAL IRV

Client Sample ID: AOC1-B51-D0.5

Lab Sample ID: 440-198798-34

Date Collected: 12/18/17 11:40

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:24	K1E	TAL IRV

Client Sample ID: AOC1-B38-D0.5

Lab Sample ID: 440-198798-37

Date Collected: 12/18/17 12:10

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:26	K1E	TAL IRV

Client Sample ID: AOC1-B45-D0.5

Lab Sample ID: 440-198798-40

Date Collected: 12/18/17 11:10

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:28	K1E	TAL IRV

Client Sample ID: AOC1-B41-D0.5

Lab Sample ID: 440-198798-43

Date Collected: 12/18/17 10:10

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:30	K1E	TAL IRV

Client Sample ID: AOC1-B40-D0.5

Lab Sample ID: 440-198798-46

Date Collected: 12/18/17 10:25

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:32	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B47-D0.5

Lab Sample ID: 440-198798-49

Date Collected: 12/18/17 11:55

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:34	K1E	TAL IRV

Client Sample ID: AOC1-B52-D0.5

Lab Sample ID: 440-198798-52

Date Collected: 12/18/17 12:50

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:36	K1E	TAL IRV

Client Sample ID: AOC1-B55-D0.5

Lab Sample ID: 440-198798-55

Date Collected: 12/18/17 13:05

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:49	K1E	TAL IRV

Client Sample ID: AOC1-B59-D0.5-DUP

Lab Sample ID: 440-198798-60

Date Collected: 12/18/17 13:25

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448035	12/21/17 09:37	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 14:51	K1E	TAL IRV

Client Sample ID: AOC1-B59-D-0.5

Lab Sample ID: 440-198798-61

Date Collected: 12/18/17 13:20

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:27	K1E	TAL IRV

Client Sample ID: AOC1-B61-D0.5

Lab Sample ID: 440-198798-64

Date Collected: 12/18/17 13:35

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:38	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B70-D0.5

Lab Sample ID: 440-198798-67

Date Collected: 12/18/17 13:50

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:40	K1E	TAL IRV

Client Sample ID: AOC1-B60-D0.5-DUP

Lab Sample ID: 440-198798-70

Date Collected: 12/18/17 14:05

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:42	K1E	TAL IRV

Client Sample ID: AOC1-B70-D0.5-DUP

Lab Sample ID: 440-198798-71

Date Collected: 12/18/17 13:55

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:51	K1E	TAL IRV

Client Sample ID: AOC1-B61-D0.5-DUP

Lab Sample ID: 440-198798-72

Date Collected: 12/18/17 13:35

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:53	K1E	TAL IRV

Client Sample ID: AOC1-B60-D0.5

Lab Sample ID: 440-198798-73

Date Collected: 12/18/17 14:05

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:55	K1E	TAL IRV

Client Sample ID: AOC1-B62-D0.5

Lab Sample ID: 440-198798-76

Date Collected: 12/18/17 14:20

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:57	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Client Sample ID: AOC1-B67-D0.5

Lab Sample ID: 440-198798-79

Date Collected: 12/18/17 14:35

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 12:59	K1E	TAL IRV

Client Sample ID: AOC1-B65-D0.5

Lab Sample ID: 440-198798-82

Date Collected: 12/18/17 14:50

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:01	K1E	TAL IRV

Client Sample ID: AOC1-B64-D0.5

Lab Sample ID: 440-198798-85

Date Collected: 12/18/17 15:05

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:04	K1E	TAL IRV

Client Sample ID: AOC1-B58-D0.5

Lab Sample ID: 440-198798-88

Date Collected: 12/18/17 15:20

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:06	K1E	TAL IRV

Client Sample ID: E121817

Lab Sample ID: 440-198798-91

Date Collected: 12/18/17 15:35

Matrix: Water

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			240 mL	2 mL	448689	12/27/17 15:27	L2A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 14:01	D1D	TAL IRV
Total/NA	Prep	3510C			240 mL	2 mL	448689	12/27/17 15:27	L2A	TAL IRV
Total/NA	Analysis	8082		1			448718	12/28/17 08:50	JM	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	448965	12/28/17 08:17	JL	TAL IRV
Total Recoverable	Analysis	6010B		1			449164	12/28/17 17:20	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

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

Lab Sample ID: MB 440-447926/1-A

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 447926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1221	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1232	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1242	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1248	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1254	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1260	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	80		45 - 120	12/20/17 17:13	12/21/17 10:47	1

Lab Sample ID: LCS 440-447926/2-A

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 447926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	267	222		ug/Kg		83	65 - 115
Aroclor 1260	267	216		ug/Kg		81	65 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	72		45 - 120

Lab Sample ID: 440-198797-G-1-B MS

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 447926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	ND	F1	259	140		ug/Kg		54	50 - 120
Aroclor 1260	ND	F1	259	132		ug/Kg		51	50 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	48		45 - 120

Lab Sample ID: 440-198797-G-1-C MSD

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 447926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	ND	F1	266	154		ug/Kg		58	50 - 120	9	30
Aroclor 1260	ND	F1	266	132	F1	ug/Kg		49	50 - 125	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	48		45 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

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

Lab Sample ID: MB 440-448689/1-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1221	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1232	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1242	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1248	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1254	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1260	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	73		26 - 115	12/27/17 06:21	12/27/17 13:56	1

Lab Sample ID: LCS 440-448689/4-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.66		ug/L		91	59 - 115
Aroclor 1260	4.00	3.55		ug/L		89	48 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	73		26 - 115

Lab Sample ID: LCSD 440-448689/5-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.70		ug/L		92	59 - 115	1	30
Aroclor 1260	4.00	3.74		ug/L		94	48 - 115	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	81		26 - 115

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-448035/1-A ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/21/17 09:37	12/22/17 13:34	5
Lead	ND		2.0	0.99	mg/Kg		12/21/17 09:37	12/22/17 13:34	5

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

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

Lab Sample ID: LCS 440-448035/2-A ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	49.8	46.4		mg/Kg		93	80 - 120
Lead	49.8	46.7		mg/Kg		94	80 - 120

Lab Sample ID: 440-198798-1 MS

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: AOC1-B31-D0.5

Prep Type: Total/NA

Prep Batch: 448035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	5.6		49.3	47.1		mg/Kg		84	75 - 125
Lead	24		49.3	67.2		mg/Kg		87	75 - 125

Lab Sample ID: 440-198798-1 MSD

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: AOC1-B31-D0.5

Prep Type: Total/NA

Prep Batch: 448035

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	5.6		49.8	50.8		mg/Kg		91	75 - 125	8	20
Lead	24		49.8	68.2		mg/Kg		88	75 - 125	1	20

Lab Sample ID: MB 440-448036/1-A ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448036

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:23	5
Lead	ND		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:23	5

Lab Sample ID: LCS 440-448036/2-A ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448036

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	49.8	47.0		mg/Kg		94	80 - 120
Lead	49.8	47.5		mg/Kg		95	80 - 120

Lab Sample ID: 440-198798-61 MS

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: AOC1-B59-D-0.5

Prep Type: Total/NA

Prep Batch: 448036

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	7.5		50.0	53.8		mg/Kg		93	75 - 125
Lead	23		50.0	66.2		mg/Kg		86	75 - 125

Lab Sample ID: 440-198798-61 MSD

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: AOC1-B59-D-0.5

Prep Type: Total/NA

Prep Batch: 448036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	7.5		50.0	54.0		mg/Kg		93	75 - 125	0	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

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

Lab Sample ID: 440-198798-61 MSD

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: AOC1-B59-D-0.5

Prep Type: Total/NA

Prep Batch: 448036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	23		50.0	67.3		mg/Kg		88	75 - 125	2	20

Lab Sample ID: MB 440-448965/1-A

Matrix: Water

Analysis Batch: 449164

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		12/28/17 08:17	12/28/17 17:16	1
Lead	ND		0.0050	0.0038	mg/L		12/28/17 08:17	12/28/17 17:16	1

Lab Sample ID: LCS 440-448965/2-A

Matrix: Water

Analysis Batch: 449164

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.07		mg/L		107	80 - 120
Lead	1.00	1.05		mg/L		105	80 - 120

Lab Sample ID: 440-198798-91 MS

Matrix: Water

Analysis Batch: 449164

Client Sample ID: E121817

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.03		mg/L		103	75 - 125
Lead	ND		1.00	1.01		mg/L		101	75 - 125

Lab Sample ID: 440-198798-91 MSD

Matrix: Water

Analysis Batch: 449164

Client Sample ID: E121817

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	0.984		mg/L		98	75 - 125	4	20
Lead	ND		1.00	0.965		mg/L		96	75 - 125	5	20

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

GC Semi VOA

Prep Batch: 447926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-4	AOC1-B34-D0.5	Total/NA	Solid	3546	
440-198798-13	AOC1-B33-D0.5	Total/NA	Solid	3546	
440-198798-22	AOC1-B44-D0.5	Total/NA	Solid	3546	
440-198798-25	AOC1-B54-D0.5	Total/NA	Solid	3546	
MB 440-447926/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-447926/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-198797-G-1-B MS	Matrix Spike	Total/NA	Solid	3546	
440-198797-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 448043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-4	AOC1-B34-D0.5	Total/NA	Solid	8082	447926
440-198798-13	AOC1-B33-D0.5	Total/NA	Solid	8082	447926
440-198798-22	AOC1-B44-D0.5	Total/NA	Solid	8082	447926
440-198798-25	AOC1-B54-D0.5	Total/NA	Solid	8082	447926
MB 440-447926/1-A	Method Blank	Total/NA	Solid	8082	447926
LCS 440-447926/2-A	Lab Control Sample	Total/NA	Solid	8082	447926
440-198797-G-1-B MS	Matrix Spike	Total/NA	Solid	8082	447926
440-198797-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	447926

Prep Batch: 448689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-91	E121817	Total/NA	Water	3510C	
MB 440-448689/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-448689/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-448689/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 448718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-91	E121817	Total/NA	Water	8082	448689
MB 440-448689/1-A	Method Blank	Total/NA	Water	8082	448689
LCS 440-448689/4-A	Lab Control Sample	Total/NA	Water	8082	448689
LCSD 440-448689/5-A	Lab Control Sample Dup	Total/NA	Water	8082	448689

Analysis Batch: 449006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-91	E121817	Total/NA	Water	8081A	448689

Metals

Prep Batch: 448035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-1	AOC1-B31-D0.5	Total/NA	Solid	3050B	
440-198798-4	AOC1-B34-D0.5	Total/NA	Solid	3050B	
440-198798-7	AOC1-B37-D0.5	Total/NA	Solid	3050B	
440-198798-10	AOC1-B30-D0.5	Total/NA	Solid	3050B	
440-198798-13	AOC1-B33-D0.5	Total/NA	Solid	3050B	
440-198798-16	AOC1-B36-D0.5	Total/NA	Solid	3050B	
440-198798-19	AOC1-B39-D0.5	Total/NA	Solid	3050B	
440-198798-22	AOC1-B44-D0.5	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Metals (Continued)

Prep Batch: 448035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-25	AOC1-B54-D0.5	Total/NA	Solid	3050B	
440-198798-28	AOC1-B43-D0.5	Total/NA	Solid	3050B	
440-198798-31	AOC1-B46-D0.5	Total/NA	Solid	3050B	
440-198798-34	AOC1-B51-D0.5	Total/NA	Solid	3050B	
440-198798-37	AOC1-B38-D0.5	Total/NA	Solid	3050B	
440-198798-40	AOC1-B45-D0.5	Total/NA	Solid	3050B	
440-198798-43	AOC1-B41-D0.5	Total/NA	Solid	3050B	
440-198798-46	AOC1-B40-D0.5	Total/NA	Solid	3050B	
440-198798-49	AOC1-B47-D0.5	Total/NA	Solid	3050B	
440-198798-52	AOC1-B52-D0.5	Total/NA	Solid	3050B	
440-198798-55	AOC1-B55-D0.5	Total/NA	Solid	3050B	
440-198798-60	AOC1-B59-D0.5-DUP	Total/NA	Solid	3050B	
MB 440-448035/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448035/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198798-1 MS	AOC1-B31-D0.5	Total/NA	Solid	3050B	
440-198798-1 MSD	AOC1-B31-D0.5	Total/NA	Solid	3050B	

Prep Batch: 448036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-61	AOC1-B59-D-0.5	Total/NA	Solid	3050B	
440-198798-64	AOC1-B61-D0.5	Total/NA	Solid	3050B	
440-198798-67	AOC1-B70-D0.5	Total/NA	Solid	3050B	
440-198798-70	AOC1-B60-D0.5-DUP	Total/NA	Solid	3050B	
440-198798-71	AOC1-B70-D0.5-DUP	Total/NA	Solid	3050B	
440-198798-72	AOC1-B61-D0.5-DUP	Total/NA	Solid	3050B	
440-198798-73	AOC1-B60-D0.5	Total/NA	Solid	3050B	
440-198798-76	AOC1-B62-D0.5	Total/NA	Solid	3050B	
440-198798-79	AOC1-B67-D0.5	Total/NA	Solid	3050B	
440-198798-82	AOC1-B65-D0.5	Total/NA	Solid	3050B	
440-198798-85	AOC1-B64-D0.5	Total/NA	Solid	3050B	
440-198798-88	AOC1-B58-D0.5	Total/NA	Solid	3050B	
MB 440-448036/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448036/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198798-61 MS	AOC1-B59-D-0.5	Total/NA	Solid	3050B	
440-198798-61 MSD	AOC1-B59-D-0.5	Total/NA	Solid	3050B	

Analysis Batch: 448381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-1	AOC1-B31-D0.5	Total/NA	Solid	6010B	448035
440-198798-4	AOC1-B34-D0.5	Total/NA	Solid	6010B	448035
440-198798-7	AOC1-B37-D0.5	Total/NA	Solid	6010B	448035
440-198798-10	AOC1-B30-D0.5	Total/NA	Solid	6010B	448035
440-198798-13	AOC1-B33-D0.5	Total/NA	Solid	6010B	448035
440-198798-16	AOC1-B36-D0.5	Total/NA	Solid	6010B	448035
440-198798-19	AOC1-B39-D0.5	Total/NA	Solid	6010B	448035
440-198798-22	AOC1-B44-D0.5	Total/NA	Solid	6010B	448035
440-198798-25	AOC1-B54-D0.5	Total/NA	Solid	6010B	448035
440-198798-28	AOC1-B43-D0.5	Total/NA	Solid	6010B	448035
440-198798-31	AOC1-B46-D0.5	Total/NA	Solid	6010B	448035
440-198798-34	AOC1-B51-D0.5	Total/NA	Solid	6010B	448035
440-198798-37	AOC1-B38-D0.5	Total/NA	Solid	6010B	448035

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Metals (Continued)

Analysis Batch: 448381 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-40	AOC1-B45-D0.5	Total/NA	Solid	6010B	448035
440-198798-43	AOC1-B41-D0.5	Total/NA	Solid	6010B	448035
440-198798-46	AOC1-B40-D0.5	Total/NA	Solid	6010B	448035
440-198798-49	AOC1-B47-D0.5	Total/NA	Solid	6010B	448035
440-198798-52	AOC1-B52-D0.5	Total/NA	Solid	6010B	448035
440-198798-55	AOC1-B55-D0.5	Total/NA	Solid	6010B	448035
440-198798-60	AOC1-B59-D0.5-DUP	Total/NA	Solid	6010B	448035
440-198798-61	AOC1-B59-D-0.5	Total/NA	Solid	6010B	448036
440-198798-64	AOC1-B61-D0.5	Total/NA	Solid	6010B	448036
440-198798-67	AOC1-B70-D0.5	Total/NA	Solid	6010B	448036
440-198798-70	AOC1-B60-D0.5-DUP	Total/NA	Solid	6010B	448036
440-198798-71	AOC1-B70-D0.5-DUP	Total/NA	Solid	6010B	448036
440-198798-72	AOC1-B61-D0.5-DUP	Total/NA	Solid	6010B	448036
440-198798-73	AOC1-B60-D0.5	Total/NA	Solid	6010B	448036
440-198798-76	AOC1-B62-D0.5	Total/NA	Solid	6010B	448036
440-198798-79	AOC1-B67-D0.5	Total/NA	Solid	6010B	448036
440-198798-82	AOC1-B65-D0.5	Total/NA	Solid	6010B	448036
440-198798-85	AOC1-B64-D0.5	Total/NA	Solid	6010B	448036
440-198798-88	AOC1-B58-D0.5	Total/NA	Solid	6010B	448036
MB 440-448035/1-A ^5	Method Blank	Total/NA	Solid	6010B	448035
MB 440-448036/1-A ^5	Method Blank	Total/NA	Solid	6010B	448036
LCS 440-448035/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448035
LCS 440-448036/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448036
440-198798-1 MS	AOC1-B31-D0.5	Total/NA	Solid	6010B	448035
440-198798-1 MSD	AOC1-B31-D0.5	Total/NA	Solid	6010B	448035
440-198798-61 MS	AOC1-B59-D-0.5	Total/NA	Solid	6010B	448036
440-198798-61 MSD	AOC1-B59-D-0.5	Total/NA	Solid	6010B	448036

Prep Batch: 448965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-91	E121817	Total Recoverable	Water	3005A	
MB 440-448965/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-448965/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-198798-91 MS	E121817	Total Recoverable	Water	3005A	
440-198798-91 MSD	E121817	Total Recoverable	Water	3005A	

Analysis Batch: 449164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-91	E121817	Total Recoverable	Water	6010B	448965
MB 440-448965/1-A	Method Blank	Total Recoverable	Water	6010B	448965
LCS 440-448965/2-A	Lab Control Sample	Total Recoverable	Water	6010B	448965
440-198798-91 MS	E121817	Total Recoverable	Water	6010B	448965
440-198798-91 MSD	E121817	Total Recoverable	Water	6010B	448965

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>Justin Long</u>		Site Contact: <u>None</u>		Date: <u>12-18-17</u>		COC No:		
Company Name: <u>SD Perma</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>RA Raman</u>		Carrier:		8 of 8 COCs		
Address: <u>10000 Wilshire Blvd</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N) <u>Arsenic</u> <u>Lead</u> <u>PCBs</u> <u>Permethrin</u> <u>OCP</u>				Sampler:		
City/State/Zip: <u>Pasadena, CA 91221</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <u>500</u>						For Lab Use Only:		
Phone: <u>626-440-6133</u>		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client:		
Fax:								Lab Sampling:		
Project Name: <u>Ramon HS PSEA</u>								Job / SDG No.:		
Site: <u>Ramon High School</u>										
P O #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:			
AOC1-B64-D0.5		12/18/17	1505	G	S	1	Hold			
AOC1-B64-D1.5		12/18/17	1510	G	S	1	Hold			
AOC1-B64-D2.5		12/18/17	1515	G	S	1	Hold			
AOC1-B58-D0.5		12/18/17	1520	G	S	1	Hold			
AOC1-B58-D1.5		12/18/17	1525	G	S	1	Hold			
AOC1-B58-D2.5		12/18/17	1530	G	S	1	Hold			
E 12/18/17		12/18/17	1535	G	S	3	X X X X			
AOC1-(B40-B41-B43-B44-B45)		12/18/17		G	S	1	X			
AOC1-(B30-B31-B33-B34)				G	S		X			
AOC1-(B36-B37-B38-B39)				G	S		X			
AOC1-(B52-B54-B55-B60)				G	S		X			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months			
Special Instructions/QC Requirements & Comments:										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:		
Relinquished by: <u>Perma</u>		Company: <u>Perma</u>		Date/Time: <u>12-19-17 10:00</u>		Received by: <u>Justin Long</u>		Company: <u>TA</u>		
Relinquished by:		Company:		Date/Time:		Received by:		Company:		
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:		

TestAmerica Irvine
17461 Berian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181156

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other:		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nerette Probst Lab Contact: Ruffy Mark		COC No: 1 of 8 COCs Date: 12-18-17			
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: <u>STD.</u> <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Identification		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
Company Name: Parson Address: 100 West Walnut St City/State/Zip: Pasadena, CA 91244 Phone: 626-440-6133 Fax:		Sample Date		Sample Time		Sample		# of Cont.	
Project Name: Pasadena HS PEA Site: Pasadena High School PO #		AOC1-B31-P0.5		12/18/17 0840		G		Soil 1	
		AOC1-B31-P1.5		12/18/17 0845		G		Soil 1	
		AOC1-B31-P2.5		12/18/17 0850		G		Soil 1	
		AOC1-B34-P0.5		12/18/17 0825		G		Soil 1	
		AOC1-B34-P1.5		12/18/17 0830		G		Soil 1	
		AOC1-B34-P2.5		12/18/17 0835		G		Soil 1	
		AOC1-B37-P0.5		12/18/17 0810		G		Soil 1	
		AOC1-B37-P1.5		12/18/17 0815		G		Soil 1	
		AOC1-B37-P2.5		12/18/17 0820		G		Soil 1	
		AOC1-B30-P0.5		12/18/17 0940		G		Soil 1	
		AOC1-B30-P1.5		12/18/17 0945		G		Soil 1	
		AOC1-B30-P2.5		12/18/17 0950		G		Soil 1	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seal No.: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/14/17 1000		Received by: [Signature]		Company: TIA	
Relinquished by: [Signature]		Company: TIA		Date/Time: 12/14/17 1310		Received by: [Signature]		Company: TIA	
Relinquished by: [Signature]		Company: TIA		Date/Time: 12/14/17 1310		Received by: [Signature]		Company: TIA	

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: Asbestos

Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>Negative Results</u>		Date: <u>12-18-17</u>	
Company Name: <u>Persons</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Asbestos</u>		COC No: <u>2</u> of <u>8</u> COCs	
Address: <u>100 West Walnut St</u>		City/State/Zip: <u>Riverside, CA 92504</u>		Analysis Turnaround Time		Sampler: <u>Quote P</u>	
Phone: <u>626-440-6133</u>		Fax: <u></u>		TAT if different from Below <u>Std</u>		For Lab Use Only:	
Project Name: <u>Peoria HS PEA</u>		Site: <u>Peoria High School</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Walk-in Client:	
PO #						Lab Sampling:	
						Job / SDG No.:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
AOC1-B33-D0.5	12/18/17	0855	G	Sol	1	X	X	Hold
AOC1-B33-D1.5	12/18/17	0900	G	Sol	1	X	X	Hold
AOC1-B33-D2.5	12/18/17	0905	G	Sol	1	X	X	Hold
AOC1-B36-D0.5	12/18/17	0910	G	Sol	1	X	X	Hold
AOC1-B36-D1.5	12/18/17	0915	G	Sol	1	X	X	Hold
AOC1-B36-D2.5	12/18/17	0920	G	Sol	1	X	X	Hold
AOC1-B34-D0.5	12/18/17	0925	G	Sol	1	X	X	Hold
AOC1-B34-D1.5	12/18/17	0930	G	Sol	1	X	X	Hold
AOC1-B34-D2.5	12/18/17	0935	G	Sol	1	X	X	Hold
AOC1-B44-D0.5	12/18/17	0955	G	Sol	1	X	X	Hold
AOC1-B44-D1.5	12/18/17	1000	G	Sol	1	X	X	Hold
AOC1-B44-D2.5	12/18/17	1005	G	Sol	1	X	X	Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: <u>14</u> Cor'd: <u>14</u>		Therm ID No.:	
Relinquished by: <u>Persons</u>		Received by: <u>JA</u>		Date/Time: <u>12/19/17 1000</u>	
Relinquished by: <u>JA</u>		Received by: <u>JA</u>		Date/Time: <u>12/19/17</u>	
Relinquished by: <u>JA</u>		Received by: <u>JA</u>		Date/Time: <u>12/19/17 1310</u>	

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other: <input type="checkbox"/>										COC No: <u>7</u> of <u>8</u> COCs				
Client Contact			Project Manager: <u>Justin King</u>			Site Contact: <u>Nordette P.</u>		Date: <u>12-18-17</u>		Carrier:				
Company Name: <u>Parsons</u>			Tel/Fax: <u>626-440-6133</u>			Lab Contact: <u>Parity Math</u>		Sampler: <u>Nordette</u>		For Lab Use Only:				
Address: <u>100 West Walnut St</u>			City/State/Zip: <u>Baldwin CA 91124</u>			Analysis Turnaround Time		Walk-in Client:		Lab Sampling:				
Phone: <u>626-440-6133</u>			Fax: <u></u>			CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input type="checkbox"/>		Job / SDG No.:						
Project Name: <u>Rosede HS PEA</u>			TAT if different from Below <u>3d.</u>			2 weeks <input type="checkbox"/>								
Site: <u>Rosede High School</u>			1 week <input type="checkbox"/>			2 days <input type="checkbox"/>								
PO #			1 day <input type="checkbox"/>											
Sample Identification			Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead	Asbestos	PCBs	PAHs	Other
AOC1-B38-D0.5			12/18/17	1210	G	S ₁ /1	1	X	X					
AOC1-B38-D1.5			12/18/17	1215	G	S ₁ /1	1							
AOC1-B38-D2.5			12/18/17	1220	G	S ₁ /1	1							
AOC1-B45-D0.5			12/18/17	1110	G	S ₁ /1	1	X	X					
AOC1-B45-D1.5			12/18/17	1115	G	S ₁ /1	1							
AOC1-B45-D2.5			12/18/17	1120	G	S ₁ /1	1							
AOC1-B41-D0.5			12/18/17	1010	G	S ₁ /1	1	X	X					
AOC1-B41-D1.5			12/18/17	1015	G	S ₁ /1	1							
AOC1-B41-D2.5			12/18/17	1020	G	S ₁ /1	1							
AOC1-B40-D0.5			12/18/17	1025	G	S ₁ /1	1	X	X					
AOC1-B40-D1.5			12/18/17	1030	G	S ₁ /1	1							
AOC1-B40-D2.5			12/18/17	1035	G	S ₁ /1	1							
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other <u>1</u> Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown														
Special Instructions/QC Requirements & Comments: <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months														
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months														
Custody Seal No.:			Custody Seal No.:			Cooler Temp. (°C): Obs'd: _____			Therm ID No.:					
Relinquished by: <u>Parsons</u>			Relinquished by: <u>Parsons</u>			Received by: <u>Parity Math</u>			Date/Time: <u>12/19/17 1000</u>					
Relinquished by: <u>Parity</u>			Relinquished by: <u>Parity</u>			Received by: <u>Parity Math</u>			Date/Time: <u>12/19/17 1300</u>					
Relinquished by: <u>Parity</u>			Relinquished by: <u>Parity</u>			Received in Laboratory by: <u>Parity Math</u>			Date/Time: <u>12/19/17 1310</u>					

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17461 Perian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

1811162

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: Lead

Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>Forrest</u>		Date: <u>12-18-17</u>		COC No: <u>5</u> of <u>8</u> COCs	
Company Name: <u>Parsons</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Parity Minter</u>		Carrier:		Sampler:	
Address: <u>100 West Walnut St</u>		City/State/Zip: <u>Pasadena, Ca 91124</u>		Phone: <u>626-440-6133</u>		Fax:		For Lab Use Only:	
Project Name: <u>Road HS PEA</u>		Site: <u>Road HS School</u>		PO #		Analysis Turnaround Time		Walk-in Client:	
						<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Lab Sampling:	
						TAT if different from Below <u>Std</u>		Job / SDG No.:	
						<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Sample Specific Notes:
AOC1-B47-D0.5	12/18/17	1155	G	S	1		X		
AOC1-B47-D1.5	12/18/17	1200	G	S	1		X		Hold
AOC1-B47-D2.5	12/18/17	1205	G	S	1		X		Hold
AOC1-B52-D0.5	12/18/17	1250	G	S	1		X		Hold
AOC1-B52-D1.5	12/18/17	1255	G	S	1		X		Hold
AOC1-B52-D2.5	12/18/17	1300	G	S	1		X		Hold
AOC1-B55-D0.5	12/18/17	1305	G	S	1		X		Hold
AOC1-B55-D1.5	12/18/17	1310	G	S	1		X		Hold
AOC1-B55-D2.5	12/18/17	1315	G	S	1		X		Hold
AOC1-B52-D1.5-Dup	12/18/17	1255	G	S	1		X		Hold
AOC1-B55-D1.5-Dup	12/18/17	1310	G	S	1		X		Hold
AOC1-B59-D0.5-P0.5-Pup	12/18/17	1325	G	S	1		X		Hold
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp (°C): Obs'd: _____		Cor'd: _____		Therm ID No.:	
Relinquished by: <u>[Signature]</u>		Company: <u>Parsons</u>		Received by: <u>[Signature]</u>		Company: <u>TU</u>		Date/Time: <u>12/19/17 10:00</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>TU</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>		Date/Time: <u>12/19/17 13:10</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>[Signature]</u>		Received in Laboratory by: <u>[Signature]</u>		Company: <u>[Signature]</u>		Date/Time: <u>12/19/17 13:10</u>	

TestAmerica Irvine
17461 Berian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181159

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Company Name: <u>Parsons</u>		Project Manager: <u>Justin King</u>		Site Contact: <u>Parsons</u>		Date: <u>12-18-17</u>		COC No: <u>63</u> of <u>8</u> COCs		
Address: <u>100 West Walnut St</u>		Tel/Fax: <u>926-440-6133</u>		Lab Contact: <u>Parsons</u>		Carrier:		Sampler:		
City/State/Zip: <u>Reseda CA 91244</u>		Analysis Turnaround Time		Perform MS/MSD (Y/N)		Filtered Sample (Y/N)		For Lab Use Only:		
Phone: <u>926-440-6133</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		<input type="checkbox"/> TAT if different from Below				Walk-in Client:		
Fax:		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week				Lab Sampling:		
Project Name: <u>Reseda HSPBH</u>		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day				Job / SDG No.:		
Site: <u>Reseda High School</u>										
P O #										
Sample Identification		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:			
AOC1-B59-D0.5		12/18/17	1320	G	S	1	Hold			
AOC1-B59-D1.5		12/18/17	1325	G	S	1	Hold			
AOC1-B59-D2.5		12/18/17	1330	G	S	1	Hold			
AOC1-B61-D0.5		12/18/17	1335	G	S	1	Hold			
AOC1-B61-D1.5		12/18/17	1340	G	S	1	Hold			
AOC1-B61-D2.5		12/18/17	1345	G	S	1	Hold			
AOC1-B70-D0.5		12/18/17	1350	G	S	1	Hold			
AOC1-B70-D1.5		12/18/17	1355	G	S	1	Hold			
AOC1-B70-D2.5		12/18/17	1400	G	S	1	Hold			
AOC1-B60-D0.5-DP		12/18/17	1405	G	S	1	Hold			
AOC1-B70-D0.5-DP		12/18/17	1355	G	S	1	Hold			
AOC1-B61-D0.5-DP		12/18/17	1335	G	S	1	Hold			
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other									Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Possible Hazard Identification:									Return to Client <input type="checkbox"/> Disposal by Lab <input checked="" type="checkbox"/> Archive for _____ Months	
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									Cooler Temp. (°C): Obsd: _____ Corrd: _____ Therm ID No.:	
Special Instructions/QC Requirements & Comments:									Custody Seal No.:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									Relinquished by: <u>Parsons</u>	
Relinquished by: <u>TP</u>									Date/Time: <u>12/19/17 10:00</u>	
Relinquished by: <u>TP</u>									Date/Time: <u>12/19/17 13:10</u>	

TestAmerica Irvine
17461 Gerian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181160

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: ☐

Client Contact		Project Manager: <u>S. S. S. S.</u>		Site Contact: <u>N. N. N. N.</u>		Date: <u>12-11-17</u>		COC No: <u>7</u> of <u>5</u> COCs	
Company Name: <u>Parsons</u>		Tel/Fax: <u>626-440-0133</u>		Lab Contact: <u>P. P. P. P.</u>		Carrier:		Sampler: <u>Perkins P.</u>	
Address: <u>100 West Walnut St</u>		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		For Lab Use Only:	
City/State/Zip: <u>Pasadena, CA 91124</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
Phone: <u>626-440-0133</u>		TAT if different from Below <u>STD</u>						Lab Sampling:	
Fax:		<input type="checkbox"/> 2 weeks						Job / SDG No.:	
Project Name: <u>Rescue HSPA</u>		<input type="checkbox"/> 1 week							
Site: <u>Rescue High School</u>		<input type="checkbox"/> 2 days							
P O #		<input type="checkbox"/> 1 day							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:			
AOC1-B60-D0.5	12/18/17	1405	G	S	1	X X			
AOC1-B60-D1.5	12/18/17	1410	G	S	1	X X			
AOC1-B60-D2.5	12/18/17	1415	G	S	1	X X			
AOC1-B62-D0.5	12/18/17	1420	G	S	1	X X			
AOC1-B62-D1.5	12/18/17	1425	G	S	1	X X			
AOC1-B62-D2.5	12/18/17	1430	G	S	1	X X			
AOC1-B67-D0.5	12/18/17	1435	G	S	1	X X			
AOC1-B67-D1.5	12/18/17	1440	G	S	1	X X			
AOC1-B67-D2.5	12/18/17	1445	G	S	1	X X			
AOC1-B65-D0.5	12/18/17	1450	G	S	1	X X			
AOC1-B65-D1.5	12/18/17	1455	G	S	1	X X			
AOC1-B65-D2.5	12/18/17	1500	G	S	1	X X			

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Company	Date/Time	Received by	Company	Date/Time	Received by
Parsons	12/18/17	<u>[Signature]</u>	Parsons	12/19/17	<u>[Signature]</u>
Parsons	12/19/17	<u>[Signature]</u>	Parsons	12/19/17	<u>[Signature]</u>
Parsons	12/19/17	<u>[Signature]</u>	Parsons	12/19/17	<u>[Signature]</u>

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: No other P. Lab Contact: <u>Aseng</u>		Date: 12-18-17		COC No: 8 of 8 COCs							
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <u>STD</u> <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Sampler:							
Project Name: Rexon HS PEA Site: Ranch High School PO#		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.		Sample Specific Notes:	
AOC1-B64-D0.5		12/18/17		1505		C		S		1		Hold	
AOC1-B64-D1.5		12/18/17		1510		C		S		1		Hold	
AOC1-B64-D2.5		12/18/17		1515		C		S		1		Hold	
AOC1-B58-D0.5		12/18/17		1520		C		S		1		Hold	
AOC1-B58-D0.5		12/18/17		1525		C		S		1		Hold	
AOC1-B58-D2.5		12/18/17		1530		C		S		1		Hold	
E12-1817		12/18/17		1535		G		S		2		lab to compare sample AOC1-	
AOC1-B40-B41-B43-B44-B45		12/18/17				G		S				lab to compare sample AOC1-	
AOC1-B30-B31-B33-B34		↓				G		S				lab to compare sample AOC1-	
AOC1-B36-B37-B38-B39		↓				G		S				lab to compare sample AOC1-	
AOC1-B52-B54-B55-B60		↓				G		S				lab to compare sample AOC1-	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other												Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown												<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months	
Special Instructions/QC Requirements & Comments:													
Custody Seal No.: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.: _____							
Relinquished by: <u>Aseng</u>		Company: <u>Aseng</u>		Date/Time: 12-19-17		Received by: <u>Aseng</u>		Company: <u>Aseng</u>		Date/Time: 12/19/17		1000	
Relinquished by: <u>Aseng</u>		Company: <u>Aseng</u>		Date/Time: 12/19/17		Received by: <u>Aseng</u>		Company: <u>Aseng</u>		Date/Time: 12/19/17		1310	
Relinquished by: <u>Aseng</u>		Company: <u>Aseng</u>		Date/Time: 12/19/17		Received by: <u>Aseng</u>		Company: <u>Aseng</u>		Date/Time: 12/19/17		1310	

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198798-1

Login Number: 198798

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	False	See case narrative.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198799-1

Client Project/Site: LAUSD Reseda H.S., CA

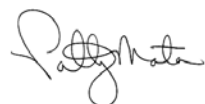
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/31/2017 11:41:58 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198799-1	AOC1-B48-D0.5	Solid	12/19/17 07:30	12/19/17 18:55
440-198799-4	AOC1-B48-D0.5-DUP	Solid	12/19/17 07:30	12/19/17 18:55
440-198799-5	AOC1-B57-D0.5	Solid	12/19/17 07:45	12/19/17 18:55
440-198799-8	AOC1-B57-D0.5-DUP	Solid	12/19/17 07:45	12/19/17 18:55
440-198799-9	AOC1-B63-D0.5	Solid	12/19/17 08:00	12/19/17 18:55
440-198799-12	E121917	Water	12/19/17 15:00	12/19/17 18:55
440-198799-13	AOC1-B66-D0.5	Solid	12/19/17 08:15	12/19/17 18:55
440-198799-16	AOC1-B69-D0.5	Solid	12/19/17 08:30	12/19/17 18:55
440-198799-19	AOC1-B68-D0.5	Solid	12/19/17 08:45	12/19/17 18:55
440-198799-22	AOC1-B71-D0.5	Solid	12/19/17 09:00	12/19/17 18:55
440-198799-25	AOC1-B72-D0.5	Solid	12/19/17 09:15	12/19/17 18:55
440-198799-28	AOC1-B73-D0.5	Solid	12/19/17 09:30	12/19/17 18:55
440-198799-31	AOC1-B74-D0.5	Solid	12/19/17 09:45	12/19/17 18:55
440-198799-34	AOC1-B75-D0.5	Solid	12/19/17 10:00	12/19/17 18:55
440-198799-37	AOC1-B84-D0.5	Solid	12/19/17 10:15	12/19/17 18:55
440-198799-40	AOC1-B86-D0.5	Solid	12/19/17 10:30	12/19/17 18:55
440-198799-43	AOC1-B89-D0.5	Solid	12/19/17 10:45	12/19/17 18:55
440-198799-46	AOC1-B88-D0.5	Solid	12/19/17 11:00	12/19/17 18:55
440-198799-53	AOC1-B85-D0.5	Solid	12/19/17 11:30	12/19/17 18:55
440-198799-56	AOC1-B87-D0.5	Solid	12/19/17 11:45	12/19/17 18:55
440-198799-59	AOC1-B82-D0.5	Solid	12/19/17 12:00	12/19/17 18:55
440-198799-62	AOC1-B79-D0.5	Solid	12/19/17 12:15	12/19/17 18:55
440-198799-65	AOC1-B80-D0.5	Solid	12/19/17 12:30	12/19/17 18:55
440-198799-68	AOC1-B83-D0.5	Solid	12/19/17 12:45	12/19/17 18:55
440-198799-71	AOC1-B81-D0.5	Solid	12/19/17 13:00	12/19/17 18:55
440-198799-74	AOC1-B78-D0.5	Solid	12/19/17 13:15	12/19/17 18:55
440-198799-77	AOC1-B77-D0.5	Solid	12/19/17 13:30	12/19/17 18:55
440-198799-80	AOC1-B76-D0.5	Solid	12/19/17 13:45	12/19/17 18:55
440-198799-83	AOC1-B22-D0.5	Solid	12/19/17 14:00	12/19/17 18:55
440-198799-86	AOC1-B19-D0.5	Solid	12/19/17 14:15	12/19/17 18:55
440-198799-89	AOC1-B20-D0.5	Solid	12/19/17 14:30	12/19/17 18:55
440-198799-92	AOC1-B15-D0.5	Solid	12/19/17 14:45	12/19/17 18:55

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Job ID: 440-198799-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198799-1

Comments

No additional comments.

Receipt

The samples were received on 12/19/2017 6:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.7° C and 5.9° C.

GC Semi VOA

Method(s) 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-448026 and analytical batch 440-448300. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and/or precision of Lead for preparation batch 440-448040 and analytical batch 440-448405 were outside control limits. The associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B48-D0.5

Lab Sample ID: 440-198799-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	5.7		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B48-D0.5-DUP

Lab Sample ID: 440-198799-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	5.7		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B57-D0.5

Lab Sample ID: 440-198799-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.7		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B57-D0.5-DUP

Lab Sample ID: 440-198799-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	11		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B63-D0.5

Lab Sample ID: 440-198799-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: E121917

Lab Sample ID: 440-198799-12

No Detections.

Client Sample ID: AOC1-B66-D0.5

Lab Sample ID: 440-198799-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	25		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B69-D0.5

Lab Sample ID: 440-198799-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	44		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B68-D0.5

Lab Sample ID: 440-198799-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	30		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B71-D0.5

Lab Sample ID: 440-198799-22

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B71-D0.5 (Continued)

Lab Sample ID: 440-198799-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	18		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B72-D0.5

Lab Sample ID: 440-198799-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	38		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B73-D0.5

Lab Sample ID: 440-198799-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.3		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	37		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B74-D0.5

Lab Sample ID: 440-198799-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	23		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B75-D0.5

Lab Sample ID: 440-198799-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.7		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B84-D0.5

Lab Sample ID: 440-198799-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	17		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B86-D0.5

Lab Sample ID: 440-198799-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.8	J	3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	4.8		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B89-D0.5

Lab Sample ID: 440-198799-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	8.1		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B88-D0.5

Lab Sample ID: 440-198799-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	10		2.0	0.99	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B85-D0.5

Lab Sample ID: 440-198799-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.8		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B87-D0.5

Lab Sample ID: 440-198799-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	7.6		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B82-D0.5

Lab Sample ID: 440-198799-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	3.8		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B79-D0.5

Lab Sample ID: 440-198799-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	4.9		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B80-D0.5

Lab Sample ID: 440-198799-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7	J	3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	3.7		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B83-D0.5

Lab Sample ID: 440-198799-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	10		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-D0.5

Lab Sample ID: 440-198799-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	22		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-D0.5

Lab Sample ID: 440-198799-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	37		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-D0.5

Lab Sample ID: 440-198799-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	19		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	19		2.0	1.0	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B76-D0.5

Lab Sample ID: 440-198799-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	13	F1 F2	2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-D0.5

Lab Sample ID: 440-198799-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	21		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	32		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B19-D0.5

Lab Sample ID: 440-198799-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	5.6		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B20-D0.5

Lab Sample ID: 440-198799-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	18		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B15-D0.5

Lab Sample ID: 440-198799-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	42		2.0	1.0	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B48-D0.5

Lab Sample ID: 440-198799-1

Date Collected: 12/19/17 07:30

Matrix: Solid

Date Received: 12/19/17 18:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 14:34	1
Aroclor 1221	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 14:34	1
Aroclor 1232	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 14:34	1
Aroclor 1242	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 14:34	1
Aroclor 1248	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 14:34	1
Aroclor 1254	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 14:34	1
Aroclor 1260	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	51		45 - 120	12/20/17 17:13	12/21/17 14:34	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:08	5
Lead	5.7		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:08	5

Client Sample ID: AOC1-B48-D0.5-DUP

Lab Sample ID: 440-198799-4

Date Collected: 12/19/17 07:30

Matrix: Solid

Date Received: 12/19/17 18:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:48	1
Aroclor 1221	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:48	1
Aroclor 1232	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:48	1
Aroclor 1242	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:48	1
Aroclor 1248	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:48	1
Aroclor 1254	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:48	1
Aroclor 1260	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		45 - 120	12/20/17 17:13	12/21/17 14:48	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:10	5
Lead	5.7		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:10	5

Client Sample ID: AOC1-B57-D0.5

Lab Sample ID: 440-198799-5

Date Collected: 12/19/17 07:45

Matrix: Solid

Date Received: 12/19/17 18:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 15:01	1
Aroclor 1221	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 15:01	1
Aroclor 1232	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 15:01	1
Aroclor 1242	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 15:01	1
Aroclor 1248	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 15:01	1
Aroclor 1254	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 15:01	1
Aroclor 1260	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 15:01	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	58		45 - 120	12/20/17 17:13	12/21/17 15:01	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:19	5
Lead	9.7		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:19	5

Client Sample ID: AOC1-B57-D0.5-DUP

Lab Sample ID: 440-198799-8

Date Collected: 12/19/17 07:45

Matrix: Solid

Date Received: 12/19/17 18:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 15:14	1
Aroclor 1221	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 15:14	1
Aroclor 1232	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 15:14	1
Aroclor 1242	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 15:14	1
Aroclor 1248	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 15:14	1
Aroclor 1254	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 15:14	1
Aroclor 1260	ND		49	17	ug/Kg		12/20/17 17:13	12/21/17 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		45 - 120	12/20/17 17:13	12/21/17 15:14	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:21	5
Lead	11		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:21	5

Client Sample ID: AOC1-B63-D0.5

Lab Sample ID: 440-198799-9

Date Collected: 12/19/17 08:00

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:23	5
Lead	9.0		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:23	5

Client Sample ID: E121917

Lab Sample ID: 440-198799-12

Date Collected: 12/19/17 15:00

Matrix: Water

Date Received: 12/19/17 18:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:54	1
Aroclor 1221	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:54	1
Aroclor 1232	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:54	1
Aroclor 1242	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:54	1
Aroclor 1248	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:54	1
Aroclor 1254	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:54	1
Aroclor 1260	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	81		26 - 115	12/21/17 09:01	12/22/17 15:54	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: E121917

Date Collected: 12/19/17 15:00

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-12

Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		12/21/17 11:03	12/21/17 22:00	1
Lead	ND		0.0050	0.0038	mg/L		12/21/17 11:03	12/21/17 22:00	1

Client Sample ID: AOC1-B66-D0.5

Date Collected: 12/19/17 08:15

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-13

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:25	5
Lead	25		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:25	5

Client Sample ID: AOC1-B69-D0.5

Date Collected: 12/19/17 08:30

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-16

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:27	5
Lead	44		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:27	5

Client Sample ID: AOC1-B68-D0.5

Date Collected: 12/19/17 08:45

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-19

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 13:29	5
Lead	30		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 13:29	5

Client Sample ID: AOC1-B71-D0.5

Date Collected: 12/19/17 09:00

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-22

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:21	5
Lead	18		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 16:21	5

Client Sample ID: AOC1-B72-D0.5

Date Collected: 12/19/17 09:15

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-25

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:36	5
Lead	38		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 16:36	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B73-D0.5

Lab Sample ID: 440-198799-28

Date Collected: 12/19/17 09:30

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:38	5
Lead	37		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 16:38	5

Client Sample ID: AOC1-B74-D0.5

Lab Sample ID: 440-198799-31

Date Collected: 12/19/17 09:45

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:41	5
Lead	23		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 16:41	5

Client Sample ID: AOC1-B75-D0.5

Lab Sample ID: 440-198799-34

Date Collected: 12/19/17 10:00

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:43	5
Lead	6.7		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 16:43	5

Client Sample ID: AOC1-B84-D0.5

Lab Sample ID: 440-198799-37

Date Collected: 12/19/17 10:15

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.8		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:45	5
Lead	17		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 16:45	5

Client Sample ID: AOC1-B86-D0.5

Lab Sample ID: 440-198799-40

Date Collected: 12/19/17 10:30

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8	J	3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:47	5
Lead	4.8		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 16:47	5

Client Sample ID: AOC1-B89-D0.5

Lab Sample ID: 440-198799-43

Date Collected: 12/19/17 10:45

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:49	5
Lead	8.1		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 16:49	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B88-D0.5

Lab Sample ID: 440-198799-46

Date Collected: 12/19/17 11:00

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:51	5
Lead	10		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 16:51	5

Client Sample ID: AOC1-B85-D0.5

Lab Sample ID: 440-198799-53

Date Collected: 12/19/17 11:30

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:03	5
Lead	6.8		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 17:03	5

Client Sample ID: AOC1-B87-D0.5

Lab Sample ID: 440-198799-56

Date Collected: 12/19/17 11:45

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:05	5
Lead	7.6		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 17:05	5

Client Sample ID: AOC1-B82-D0.5

Lab Sample ID: 440-198799-59

Date Collected: 12/19/17 12:00

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:08	5
Lead	3.8		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 17:08	5

Client Sample ID: AOC1-B79-D0.5

Lab Sample ID: 440-198799-62

Date Collected: 12/19/17 12:15

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:10	5
Lead	4.9		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 17:10	5

Client Sample ID: AOC1-B80-D0.5

Lab Sample ID: 440-198799-65

Date Collected: 12/19/17 12:30

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7	J	3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:12	5
Lead	3.7		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 17:12	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B83-D0.5

Lab Sample ID: 440-198799-68

Date Collected: 12/19/17 12:45

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:14	5
Lead	10		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 17:14	5

Client Sample ID: AOC1-B81-D0.5

Lab Sample ID: 440-198799-71

Date Collected: 12/19/17 13:00

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:16	5
Lead	22		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 17:16	5

Client Sample ID: AOC1-B78-D0.5

Lab Sample ID: 440-198799-74

Date Collected: 12/19/17 13:15

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:18	5
Lead	37		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 17:18	5

Client Sample ID: AOC1-B77-D0.5

Lab Sample ID: 440-198799-77

Date Collected: 12/19/17 13:30

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 17:38	5
Lead	19		2.0	1.0	mg/Kg		12/21/17 09:44	12/22/17 17:38	5

Client Sample ID: AOC1-B76-D0.5

Lab Sample ID: 440-198799-80

Date Collected: 12/19/17 13:45

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg		12/21/17 09:47	12/22/17 15:46	5
Lead	13	F1 F2	2.0	1.0	mg/Kg		12/21/17 09:47	12/22/17 15:46	5

Client Sample ID: AOC1-B22-D0.5

Lab Sample ID: 440-198799-83

Date Collected: 12/19/17 14:00

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21		3.0	1.5	mg/Kg		12/21/17 09:47	12/22/17 15:57	5
Lead	32		2.0	1.0	mg/Kg		12/21/17 09:47	12/22/17 15:57	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B19-D0.5

Lab Sample ID: 440-198799-86

Date Collected: 12/19/17 14:15

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		3.0	1.5	mg/Kg		12/21/17 09:47	12/22/17 16:06	5
Lead	5.6		2.0	0.99	mg/Kg		12/21/17 09:47	12/22/17 16:06	5

Client Sample ID: AOC1-B20-D0.5

Lab Sample ID: 440-198799-89

Date Collected: 12/19/17 14:30

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		3.0	1.5	mg/Kg		12/21/17 09:47	12/22/17 16:08	5
Lead	18		2.0	1.0	mg/Kg		12/21/17 09:47	12/22/17 16:08	5

Client Sample ID: AOC1-B15-D0.5

Lab Sample ID: 440-198799-92

Date Collected: 12/19/17 14:45

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		3.0	1.5	mg/Kg		12/21/17 09:47	12/22/17 16:10	5
Lead	42		2.0	1.0	mg/Kg		12/21/17 09:47	12/22/17 16:10	5

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

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	DCB2 (45-120)
440-198797-G-1-B MS	Matrix Spike	48
440-198797-G-1-C MSD	Matrix Spike Duplicate	48
440-198799-1	AOC1-B48-D0.5	51
440-198799-4	AOC1-B48-D0.5-DUP	48
440-198799-5	AOC1-B57-D0.5	58
440-198799-8	AOC1-B57-D0.5-DUP	48
LCS 440-447926/2-A	Lab Control Sample	72
MB 440-447926/1-A	Method Blank	80

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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	DCB2 (26-115)
440-198799-12	E121917	81
LCS 440-448026/2-A	Lab Control Sample	82
LCSD 440-448026/3-A	Lab Control Sample Dup	86
MB 440-448026/1-A	Method Blank	89

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B48-D0.5

Date Collected: 12/19/17 07:30

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.11 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 14:34	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:08	K1E	TAL IRV

Client Sample ID: AOC1-B48-D0.5-DUP

Date Collected: 12/19/17 07:30

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.34 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 14:48	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:10	K1E	TAL IRV

Client Sample ID: AOC1-B57-D0.5

Date Collected: 12/19/17 07:45

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.10 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 15:01	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:19	K1E	TAL IRV

Client Sample ID: AOC1-B57-D0.5-DUP

Date Collected: 12/19/17 07:45

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.20 g	2 mL	447926	12/20/17 17:13	VA	TAL IRV
Total/NA	Analysis	8082		1			448043	12/21/17 15:14	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:21	K1E	TAL IRV

Client Sample ID: AOC1-B63-D0.5

Date Collected: 12/19/17 08:00

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:23	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: E121917

Lab Sample ID: 440-198799-12

Date Collected: 12/19/17 15:00

Matrix: Water

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	2 mL	448026	12/21/17 09:01	SMF	TAL IRV
Total/NA	Analysis	8082		1			448300	12/22/17 15:54	JM	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	448073	12/21/17 11:03	JL	TAL IRV
Total Recoverable	Analysis	6010B		1			448253	12/21/17 22:00	VS	TAL IRV

Client Sample ID: AOC1-B66-D0.5

Lab Sample ID: 440-198799-13

Date Collected: 12/19/17 08:15

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:25	K1E	TAL IRV

Client Sample ID: AOC1-B69-D0.5

Lab Sample ID: 440-198799-16

Date Collected: 12/19/17 08:30

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:27	K1E	TAL IRV

Client Sample ID: AOC1-B68-D0.5

Lab Sample ID: 440-198799-19

Date Collected: 12/19/17 08:45

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448036	12/21/17 09:41	DT	TAL IRV
Total/NA	Analysis	6010B		5			448381	12/22/17 13:29	K1E	TAL IRV

Client Sample ID: AOC1-B71-D0.5

Lab Sample ID: 440-198799-22

Date Collected: 12/19/17 09:00

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:21	VS	TAL IRV

Client Sample ID: AOC1-B72-D0.5

Lab Sample ID: 440-198799-25

Date Collected: 12/19/17 09:15

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B72-D0.5

Lab Sample ID: 440-198799-25

Date Collected: 12/19/17 09:15

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5			448405	12/22/17 16:36	VS	TAL IRV

Client Sample ID: AOC1-B73-D0.5

Lab Sample ID: 440-198799-28

Date Collected: 12/19/17 09:30

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:38	VS	TAL IRV

Client Sample ID: AOC1-B74-D0.5

Lab Sample ID: 440-198799-31

Date Collected: 12/19/17 09:45

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:41	VS	TAL IRV

Client Sample ID: AOC1-B75-D0.5

Lab Sample ID: 440-198799-34

Date Collected: 12/19/17 10:00

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:43	VS	TAL IRV

Client Sample ID: AOC1-B84-D0.5

Lab Sample ID: 440-198799-37

Date Collected: 12/19/17 10:15

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:45	VS	TAL IRV

Client Sample ID: AOC1-B86-D0.5

Lab Sample ID: 440-198799-40

Date Collected: 12/19/17 10:30

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:47	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B89-D0.5

Lab Sample ID: 440-198799-43

Date Collected: 12/19/17 10:45

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:49	VS	TAL IRV

Client Sample ID: AOC1-B88-D0.5

Lab Sample ID: 440-198799-46

Date Collected: 12/19/17 11:00

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:51	VS	TAL IRV

Client Sample ID: AOC1-B85-D0.5

Lab Sample ID: 440-198799-53

Date Collected: 12/19/17 11:30

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:03	VS	TAL IRV

Client Sample ID: AOC1-B87-D0.5

Lab Sample ID: 440-198799-56

Date Collected: 12/19/17 11:45

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:05	VS	TAL IRV

Client Sample ID: AOC1-B82-D0.5

Lab Sample ID: 440-198799-59

Date Collected: 12/19/17 12:00

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:08	VS	TAL IRV

Client Sample ID: AOC1-B79-D0.5

Lab Sample ID: 440-198799-62

Date Collected: 12/19/17 12:15

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:10	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B80-D0.5

Lab Sample ID: 440-198799-65

Date Collected: 12/19/17 12:30

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:12	VS	TAL IRV

Client Sample ID: AOC1-B83-D0.5

Lab Sample ID: 440-198799-68

Date Collected: 12/19/17 12:45

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:14	VS	TAL IRV

Client Sample ID: AOC1-B81-D0.5

Lab Sample ID: 440-198799-71

Date Collected: 12/19/17 13:00

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:16	VS	TAL IRV

Client Sample ID: AOC1-B78-D0.5

Lab Sample ID: 440-198799-74

Date Collected: 12/19/17 13:15

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:18	VS	TAL IRV

Client Sample ID: AOC1-B77-D0.5

Lab Sample ID: 440-198799-77

Date Collected: 12/19/17 13:30

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448039	12/21/17 09:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 17:38	VS	TAL IRV

Client Sample ID: AOC1-B76-D0.5

Lab Sample ID: 440-198799-80

Date Collected: 12/19/17 13:45

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448040	12/21/17 09:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 15:46	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Client Sample ID: AOC1-B22-D0.5

Lab Sample ID: 440-198799-83

Date Collected: 12/19/17 14:00

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448040	12/21/17 09:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 15:57	VS	TAL IRV

Client Sample ID: AOC1-B19-D0.5

Lab Sample ID: 440-198799-86

Date Collected: 12/19/17 14:15

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448040	12/21/17 09:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:06	VS	TAL IRV

Client Sample ID: AOC1-B20-D0.5

Lab Sample ID: 440-198799-89

Date Collected: 12/19/17 14:30

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448040	12/21/17 09:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:08	VS	TAL IRV

Client Sample ID: AOC1-B15-D0.5

Lab Sample ID: 440-198799-92

Date Collected: 12/19/17 14:45

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448040	12/21/17 09:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448405	12/22/17 16:10	VS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

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

Lab Sample ID: MB 440-447926/1-A

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 447926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1221	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1232	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1242	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1248	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1254	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1
Aroclor 1260	ND		50	17	ug/Kg		12/20/17 17:13	12/21/17 10:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	80		45 - 120	12/20/17 17:13	12/21/17 10:47	1

Lab Sample ID: LCS 440-447926/2-A

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 447926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	267	222		ug/Kg		83	65 - 115
Aroclor 1260	267	216		ug/Kg		81	65 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	72		45 - 120

Lab Sample ID: 440-198797-G-1-B MS

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 447926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	ND	F1	259	140		ug/Kg		54	50 - 120
Aroclor 1260	ND	F1	259	132		ug/Kg		51	50 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	48		45 - 120

Lab Sample ID: 440-198797-G-1-C MSD

Matrix: Solid

Analysis Batch: 448043

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 447926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	ND	F1	266	154		ug/Kg		58	50 - 120	9	30
Aroclor 1260	ND	F1	266	132	F1	ug/Kg		49	50 - 125	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	48		45 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

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

Lab Sample ID: MB 440-448026/1-A

Matrix: Water

Analysis Batch: 448300

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:15	1
Aroclor 1221	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:15	1
Aroclor 1232	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:15	1
Aroclor 1242	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:15	1
Aroclor 1248	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:15	1
Aroclor 1254	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:15	1
Aroclor 1260	ND		1.0	0.50	ug/L		12/21/17 09:01	12/22/17 15:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	89		26 - 115	12/21/17 09:01	12/22/17 15:15	1

Lab Sample ID: LCS 440-448026/2-A

Matrix: Water

Analysis Batch: 448300

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.43		ug/L		86	59 - 115
Aroclor 1260	4.00	3.78		ug/L		94	48 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	82		26 - 115

Lab Sample ID: LCSD 440-448026/3-A

Matrix: Water

Analysis Batch: 448300

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448026

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.70		ug/L		92	59 - 115	8	30
Aroclor 1260	4.00	4.05		ug/L		101	48 - 115	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	86		26 - 115

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-448036/1-A ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448036

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/21/17 09:41	12/22/17 12:23	5
Lead	ND		2.0	1.0	mg/Kg		12/21/17 09:41	12/22/17 12:23	5

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

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

Lab Sample ID: LCS 440-448036/2-A ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448036

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	47.0		mg/Kg		94	80 - 120
Lead	49.8	47.5		mg/Kg		95	80 - 120

Lab Sample ID: 440-198798-A-61-B MS ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448036

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	7.5		50.0	53.8		mg/Kg		93	75 - 125
Lead	23		50.0	66.2		mg/Kg		86	75 - 125

Lab Sample ID: 440-198798-A-61-C MSD ^5

Matrix: Solid

Analysis Batch: 448381

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	7.5		50.0	54.0		mg/Kg		93	75 - 125	0	20
Lead	23		50.0	67.3		mg/Kg		88	75 - 125	2	20

Lab Sample ID: MB 440-448039/1-A ^5

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448039

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/21/17 09:44	12/22/17 16:17	5
Lead	ND		2.0	0.99	mg/Kg		12/21/17 09:44	12/22/17 16:17	5

Lab Sample ID: LCS 440-448039/2-A ^5

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	46.5		mg/Kg		93	80 - 120
Lead	49.8	46.5		mg/Kg		93	80 - 120

Lab Sample ID: 440-198799-22 MS

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: AOC1-B71-D0.5

Prep Type: Total/NA

Prep Batch: 448039

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	6.5		49.8	52.7		mg/Kg		93	75 - 125
Lead	18		49.8	66.9		mg/Kg		97	75 - 125

Lab Sample ID: 440-198799-22 MSD

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: AOC1-B71-D0.5

Prep Type: Total/NA

Prep Batch: 448039

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.5		49.5	50.3		mg/Kg		88	75 - 125	5	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

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

Lab Sample ID: 440-198799-22 MSD

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: AOC1-B71-D0.5

Prep Type: Total/NA

Prep Batch: 448039

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	18		49.5	61.5		mg/Kg		87	75 - 125	8	20

Lab Sample ID: MB 440-448040/1-A ^5

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/21/17 09:47	12/22/17 15:42	5
Lead	ND		2.0	1.0	mg/Kg		12/21/17 09:47	12/22/17 15:42	5

Lab Sample ID: LCS 440-448040/2-A ^5

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	45.9		mg/Kg		92	80 - 120
Lead	49.8	46.1		mg/Kg		93	80 - 120

Lab Sample ID: 440-198799-80 MS

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: AOC1-B76-D0.5

Prep Type: Total/NA

Prep Batch: 448040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	7.1		50.0	50.1		mg/Kg		86	75 - 125
Lead	13	F1 F2	50.0	96.6	F1	mg/Kg		167	75 - 125

Lab Sample ID: 440-198799-80 MSD

Matrix: Solid

Analysis Batch: 448405

Client Sample ID: AOC1-B76-D0.5

Prep Type: Total/NA

Prep Batch: 448040

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	7.1		49.8	51.1		mg/Kg		88	75 - 125	2	20
Lead	13	F1 F2	49.8	66.2	F2	mg/Kg		106	75 - 125	37	20

Lab Sample ID: MB 440-448073/1-A

Matrix: Water

Analysis Batch: 448253

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		12/21/17 11:03	12/21/17 21:33	1
Lead	ND		0.0050	0.0038	mg/L		12/21/17 11:03	12/21/17 21:33	1

Lab Sample ID: LCS 440-448073/2-A

Matrix: Water

Analysis Batch: 448253

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	0.994		mg/L		99	80 - 120
Lead	1.00	0.992		mg/L		99	80 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

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

Lab Sample ID: 440-198441-B-5-B MS

Matrix: Water

Analysis Batch: 448253

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 448073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125
Lead	ND		1.00	0.986		mg/L		99	75 - 125

Lab Sample ID: 440-198441-B-5-C MSD

Matrix: Water

Analysis Batch: 448253

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 448073

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.04		mg/L		104	75 - 125	1	20
Lead	ND		1.00	0.969		mg/L		97	75 - 125	2	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

GC Semi VOA

Prep Batch: 447926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-1	AOC1-B48-D0.5	Total/NA	Solid	3546	
440-198799-4	AOC1-B48-D0.5-DUP	Total/NA	Solid	3546	
440-198799-5	AOC1-B57-D0.5	Total/NA	Solid	3546	
440-198799-8	AOC1-B57-D0.5-DUP	Total/NA	Solid	3546	
MB 440-447926/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-447926/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-198797-G-1-B MS	Matrix Spike	Total/NA	Solid	3546	
440-198797-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 448026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-12	E121917	Total/NA	Water	3510C	
MB 440-448026/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-448026/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-448026/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 448043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-1	AOC1-B48-D0.5	Total/NA	Solid	8082	447926
440-198799-4	AOC1-B48-D0.5-DUP	Total/NA	Solid	8082	447926
440-198799-5	AOC1-B57-D0.5	Total/NA	Solid	8082	447926
440-198799-8	AOC1-B57-D0.5-DUP	Total/NA	Solid	8082	447926
MB 440-447926/1-A	Method Blank	Total/NA	Solid	8082	447926
LCS 440-447926/2-A	Lab Control Sample	Total/NA	Solid	8082	447926
440-198797-G-1-B MS	Matrix Spike	Total/NA	Solid	8082	447926
440-198797-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	447926

Analysis Batch: 448300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-12	E121917	Total/NA	Water	8082	448026
MB 440-448026/1-A	Method Blank	Total/NA	Water	8082	448026
LCS 440-448026/2-A	Lab Control Sample	Total/NA	Water	8082	448026
LCSD 440-448026/3-A	Lab Control Sample Dup	Total/NA	Water	8082	448026

Metals

Prep Batch: 448036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-1	AOC1-B48-D0.5	Total/NA	Solid	3050B	
440-198799-4	AOC1-B48-D0.5-DUP	Total/NA	Solid	3050B	
440-198799-5	AOC1-B57-D0.5	Total/NA	Solid	3050B	
440-198799-8	AOC1-B57-D0.5-DUP	Total/NA	Solid	3050B	
440-198799-9	AOC1-B63-D0.5	Total/NA	Solid	3050B	
440-198799-13	AOC1-B66-D0.5	Total/NA	Solid	3050B	
440-198799-16	AOC1-B69-D0.5	Total/NA	Solid	3050B	
440-198799-19	AOC1-B68-D0.5	Total/NA	Solid	3050B	
MB 440-448036/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448036/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198798-A-61-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-198798-A-61-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Metals (Continued)

Prep Batch: 448039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-22	AOC1-B71-D0.5	Total/NA	Solid	3050B	
440-198799-25	AOC1-B72-D0.5	Total/NA	Solid	3050B	
440-198799-28	AOC1-B73-D0.5	Total/NA	Solid	3050B	
440-198799-31	AOC1-B74-D0.5	Total/NA	Solid	3050B	
440-198799-34	AOC1-B75-D0.5	Total/NA	Solid	3050B	
440-198799-37	AOC1-B84-D0.5	Total/NA	Solid	3050B	
440-198799-40	AOC1-B86-D0.5	Total/NA	Solid	3050B	
440-198799-43	AOC1-B89-D0.5	Total/NA	Solid	3050B	
440-198799-46	AOC1-B88-D0.5	Total/NA	Solid	3050B	
440-198799-53	AOC1-B85-D0.5	Total/NA	Solid	3050B	
440-198799-56	AOC1-B87-D0.5	Total/NA	Solid	3050B	
440-198799-59	AOC1-B82-D0.5	Total/NA	Solid	3050B	
440-198799-62	AOC1-B79-D0.5	Total/NA	Solid	3050B	
440-198799-65	AOC1-B80-D0.5	Total/NA	Solid	3050B	
440-198799-68	AOC1-B83-D0.5	Total/NA	Solid	3050B	
440-198799-71	AOC1-B81-D0.5	Total/NA	Solid	3050B	
440-198799-74	AOC1-B78-D0.5	Total/NA	Solid	3050B	
440-198799-77	AOC1-B77-D0.5	Total/NA	Solid	3050B	
MB 440-448039/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448039/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198799-22 MS	AOC1-B71-D0.5	Total/NA	Solid	3050B	
440-198799-22 MSD	AOC1-B71-D0.5	Total/NA	Solid	3050B	

Prep Batch: 448040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-80	AOC1-B76-D0.5	Total/NA	Solid	3050B	
440-198799-83	AOC1-B22-D0.5	Total/NA	Solid	3050B	
440-198799-86	AOC1-B19-D0.5	Total/NA	Solid	3050B	
440-198799-89	AOC1-B20-D0.5	Total/NA	Solid	3050B	
440-198799-92	AOC1-B15-D0.5	Total/NA	Solid	3050B	
MB 440-448040/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448040/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198799-80 MS	AOC1-B76-D0.5	Total/NA	Solid	3050B	
440-198799-80 MSD	AOC1-B76-D0.5	Total/NA	Solid	3050B	

Prep Batch: 448073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-12	E121917	Total Recoverable	Water	3005A	
MB 440-448073/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-448073/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-198441-B-5-B MS	Matrix Spike	Total Recoverable	Water	3005A	
440-198441-B-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 448253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-12	E121917	Total Recoverable	Water	6010B	448073
MB 440-448073/1-A	Method Blank	Total Recoverable	Water	6010B	448073
LCS 440-448073/2-A	Lab Control Sample	Total Recoverable	Water	6010B	448073
440-198441-B-5-B MS	Matrix Spike	Total Recoverable	Water	6010B	448073
440-198441-B-5-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	448073

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Metals (Continued)

Analysis Batch: 448381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-1	AOC1-B48-D0.5	Total/NA	Solid	6010B	448036
440-198799-4	AOC1-B48-D0.5-DUP	Total/NA	Solid	6010B	448036
440-198799-5	AOC1-B57-D0.5	Total/NA	Solid	6010B	448036
440-198799-8	AOC1-B57-D0.5-DUP	Total/NA	Solid	6010B	448036
440-198799-9	AOC1-B63-D0.5	Total/NA	Solid	6010B	448036
440-198799-13	AOC1-B66-D0.5	Total/NA	Solid	6010B	448036
440-198799-16	AOC1-B69-D0.5	Total/NA	Solid	6010B	448036
440-198799-19	AOC1-B68-D0.5	Total/NA	Solid	6010B	448036
MB 440-448036/1-A ^5	Method Blank	Total/NA	Solid	6010B	448036
LCS 440-448036/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448036
440-198798-A-61-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	448036
440-198798-A-61-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	448036

Analysis Batch: 448405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-22	AOC1-B71-D0.5	Total/NA	Solid	6010B	448039
440-198799-25	AOC1-B72-D0.5	Total/NA	Solid	6010B	448039
440-198799-28	AOC1-B73-D0.5	Total/NA	Solid	6010B	448039
440-198799-31	AOC1-B74-D0.5	Total/NA	Solid	6010B	448039
440-198799-34	AOC1-B75-D0.5	Total/NA	Solid	6010B	448039
440-198799-37	AOC1-B84-D0.5	Total/NA	Solid	6010B	448039
440-198799-40	AOC1-B86-D0.5	Total/NA	Solid	6010B	448039
440-198799-43	AOC1-B89-D0.5	Total/NA	Solid	6010B	448039
440-198799-46	AOC1-B88-D0.5	Total/NA	Solid	6010B	448039
440-198799-53	AOC1-B85-D0.5	Total/NA	Solid	6010B	448039
440-198799-56	AOC1-B87-D0.5	Total/NA	Solid	6010B	448039
440-198799-59	AOC1-B82-D0.5	Total/NA	Solid	6010B	448039
440-198799-62	AOC1-B79-D0.5	Total/NA	Solid	6010B	448039
440-198799-65	AOC1-B80-D0.5	Total/NA	Solid	6010B	448039
440-198799-68	AOC1-B83-D0.5	Total/NA	Solid	6010B	448039
440-198799-71	AOC1-B81-D0.5	Total/NA	Solid	6010B	448039
440-198799-74	AOC1-B78-D0.5	Total/NA	Solid	6010B	448039
440-198799-77	AOC1-B77-D0.5	Total/NA	Solid	6010B	448039
440-198799-80	AOC1-B76-D0.5	Total/NA	Solid	6010B	448040
440-198799-83	AOC1-B22-D0.5	Total/NA	Solid	6010B	448040
440-198799-86	AOC1-B19-D0.5	Total/NA	Solid	6010B	448040
440-198799-89	AOC1-B20-D0.5	Total/NA	Solid	6010B	448040
440-198799-92	AOC1-B15-D0.5	Total/NA	Solid	6010B	448040
MB 440-448039/1-A ^5	Method Blank	Total/NA	Solid	6010B	448039
MB 440-448040/1-A ^5	Method Blank	Total/NA	Solid	6010B	448040
LCS 440-448039/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448039
LCS 440-448040/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448040
440-198799-22 MS	AOC1-B71-D0.5	Total/NA	Solid	6010B	448039
440-198799-22 MSD	AOC1-B71-D0.5	Total/NA	Solid	6010B	448039
440-198799-80 MS	AOC1-B76-D0.5	Total/NA	Solid	6010B	448040
440-198799-80 MSD	AOC1-B76-D0.5	Total/NA	Solid	6010B	448040

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance 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.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

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Chain of Custody Record

181120

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>Jessika King</u>		Site Contact: <u>N. Wilson</u>		Date: <u>12/19/17</u>		COC No: <u>2</u> of <u>9</u> COCs	
Company Name: <u>Parsino</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Autry Mota</u>		Carrier:		Sampler: <u>NT</u>	
Address: <u>100 N Walnut St</u>		City/State/Zip: <u>Insdale, CA 91104</u>		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:	
Phone: <u>626-440-6133</u>		TAT if different from Below		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Lab Sampling:		Job / SDG No.:	
Fax: <u>626-440-6133</u>		2 weeks		<input type="checkbox"/> 1 week					
Project Name: <u>Reseda HS DEA</u>		1 day		<input type="checkbox"/> 2 days					
Site: <u>Reseda High School</u>									
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
A0C1-B66-P0.5		12/19/17	0845	G	S	1			
A0C1-B66-P0.5		12/19/17	0820	G	S	1			Hold
A0C1-B66-P2.5		12/19/17	0825	G	S	1			Hold
A0C1-B69-P0.5		12/19/17	0830	G	S	1			Hold
A0C1-B69-P1.5		12/19/17	0835	G	S	1			Hold
A0C1-B69-P2.5		12/19/17	0840	G	S	1			Hold
A0C1-B68-P0.5		12/19/17	0845	G	S	1			Hold
A0C1-B68-P1.5		12/19/17	0850	G	S	1			Hold
A0C1-B68-P2.5		12/19/17	0855	G	S	1			Hold
A0C1-B71-P0.5		12/19/17	0900	G	S	1			Hold
A0C1-B71-P1.5		12/19/17	0905	G	S	1			Hold
A0C1-B71-P2.5		12/19/17	0910	G	S	1			Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Coord:	Therm ID No.:
Company: <u>Parsino</u>	Received by: <u>Autry Mota</u>	Date/Time: <u>12/19/17</u>	Company: <u>DCS</u>	Date/Time: <u>12/19/17 3:55pm</u>
Company: <u>DCS</u>	Received by: <u>Autry Mota</u>	Date/Time: <u>12/19/17</u>	Company: <u>TA-I</u>	Date/Time: <u>12/19/17 1855</u>

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Chain of Custody Record 181121

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <i>Justin K. Hays</i>		Site Contact: <i>N. Paulson</i>		Date: <i>12/17/17</i>		COC No: <i>3</i> of <i>9</i> COCs	
Company Name: <i>Parsons</i>		Tel/Fax: <i>626 440 6133</i>		Lab Contact: <i>Alison C. Lead</i>		Carrier: <i>MT-Ex</i>		Sampler:	
Address: <i>100 W. Walnut St</i>		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		For Lab Use Only:	
City/State/Zip: <i>Pasadena, CA 91124</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Date		Sample Time		Walk-in Client:	
Phone: <i>626-440-6133</i>		TAT if different from Below <i>57 d</i>		Sample Type (C-Comp, G-Grab)		Matrix		Lab Sampling:	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		Job / SDG No.:	
Project Name: <i>Rosenda HS PTH</i>				Sample Date		Sample Time			
Site: <i>Rosenda High School</i>				Sample Date		Sample Time			
P O #				Sample Date		Sample Time			
Sample Identification		Sample Date		Sample Time		Matrix		Sample Specific Notes:	
<i>AOC1-B72-D0.5</i>		<i>12/17/17</i>		<i>0915</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B72-D1.5</i>		<i>12/17/17</i>		<i>0920</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B72-D2.5</i>		<i>12/17/17</i>		<i>0925</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B73-D0.5</i>		<i>12/17/17</i>		<i>0930</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B73-D1.5</i>		<i>12/17/17</i>		<i>0935</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B73-D2.5</i>		<i>12/17/17</i>		<i>0940</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B74-D0.5</i>		<i>12/17/17</i>		<i>0945</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B74-D1.5</i>		<i>12/17/17</i>		<i>0950</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B74-D2.5</i>		<i>12/17/17</i>		<i>0955</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B75-D0.5</i>		<i>12/17/17</i>		<i>1000</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B75-D1.5</i>		<i>12/17/17</i>		<i>1005</i>		<i>G S</i>		<i>Hold</i>	
<i>AOC1-B75-D2.5</i>		<i>12/17/17</i>		<i>1010</i>		<i>G S</i>		<i>Hold</i>	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Relinquished by: <i>ad</i>		Company: <i>Parsons</i>		Date/Time: <i>12/14/17</i>		Received by: <i>Alison C. Lead</i>		Company: <i>OCJ</i>	
Relinquished by: <i>Justin K. Hays</i>		Company: <i>OCJ</i>		Date/Time: <i>12/17/17 6:55pm</i>		Received by: <i>Alison C. Lead</i>		Company: <i>TA-I</i>	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <i>Alison C. Lead</i>		Date/Time: <i>12/14/17 1855</i>	

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Chain of Custody Record

181122

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin K. King		Site Contact: M. P. Carlson		Date: 12/19/17		COC No: 4 of 9 COCs			
Company Name: Parsons		Tel/Fax: 626 440 6133		Lab Contact: P. Matin		Carrier:		Sampler: N.P.			
Address: 100 W. Walnut St		City/State/Zip: Pasadena CA 91124		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:			
Phone: 626 440 6133		Fax:		TAT if different from Below		Lab Sampling:		Job / SDG No.:			
Project Name: Reseda H.S. IEA		Site: Reseda High School		PO #		Sample Identification		Sample Specific Notes:			
		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Matrix		# of Cont.	
AOC1 B84-D05		12/19/17 1015		G		S		1		X X	
AOC1 B84-D15		12/19/17 1020		G		S		1		Hold	
AOC1 B84-D2.5		12/19/17 1025		G		S		1		Hold	
AOC1 B86-D05		12/19/17 1030		G		S		1		Hold	
AOC1 B86-D15		12/19/17 1035		G		S		1		Hold	
AOC1 B86-D2.5		12/19/17 1040		G		S		1		Hold	
AOC1 B89-D05		12/19/17 1045		G		S		1		Hold	
AOC1 B89-D15		12/19/17 1050		G		S		1		Hold	
AOC1 B89-D2.5		12/19/17 1055		G		S		1		Hold	
AOC1 B88-D015		12/19/17 1100		G		S		1		Hold	
AOC1 B88-D1.5		12/19/17 1105		G		S		1		Hold	
AOC1 B88-D2.5		12/19/17 1110		G		S		1		Hold	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seal No.: Company: Received by: Date/Time: 12/19/17 8:55 pm

Relinquished by: Company: Received by: Date/Time: 12/19/17 1855

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Chain of Custody Record

181128

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin K. Long		Site Contact: N. Jackson		Date: 12/19/17		COC No: 8 of 9 COCs	
Company Name: Parsons		Tel/Fax: 626 440 6133		Lab Contact: P. Math		Carrier: 8		Sampler:	
Address: 100 W. Walnut St		City/State/Zip: Pasadena, CA 9124		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:	
Phone: 626 440 6133		Fax:		TAT if different from Below		Lab Sampling:		Job / SDG No.:	
Project Name: Reseda HS PBA		Site: Reseda High School		P O #		Sample Identification		Sample Specific Notes:	
Sample	Date	Time	Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)		
AOC3-B1-00.5	12/19/17	1115	G	S	1				
AOC3-B1-01.5	12/19/17	1120	G	S	1				Hold
AOC3-B1-02.5	12/19/17	1123	G	S	1				Hold
AOC3-B1-00.5-Dup	12/19/17	1115	G	S	1				Hold
AOC1-B45-P0.5	12/19/17	1130	G	S	1				Hold
AOC1-B85-P1.5	12/19/17	1135	G	S	1				Hold
AOC1-B45-P2.5	12/19/17	1140	G	S	1				Hold
AOC1-B87-P0.5	12/19/17	1145	G	S	1				Hold
AOC1-B87-P1.5	12/19/17	1150	G	S	1				Hold
AOC1-B87-P2.5	12/19/17	1155	G	S	1				Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.: ☐ Yes ☐ No

Relinquished by: [Signature] Date/Time: 12/19/17 3:45 PM

Received by: [Signature] Date/Time: 12/19/17 3:45 PM

Received in Laboratory by: [Signature] Date/Time: 12/19/17 1855

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Company Name: <u>Parsons</u>		Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>N. Paulson</u>		Date: <u>12/19/17</u>		COC No: <u>6</u> of <u>9</u> COCs	
Address: <u>1000 Walnut St</u>				Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>L. Mata</u>		Carrier:		Sampler:	
City/State/Zip: <u>Pasadena CA 91104</u>				Analysis Turnaround Time							
Phone: <u>626 440 6133</u>				<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
Fax:				TAT if different from Below <u>STA</u>							
Project Name: <u>Reseda HS PEA</u>				<input type="checkbox"/> 2 weeks							
Site: <u>Reseda High School</u>				<input type="checkbox"/> 1 week							
P O #				<input type="checkbox"/> 2 days							
				<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:		
AOC1-B82-P0.5		12/19/17	1200	G	S	1		X	Hold		
AOC1-B82-P1.5		12/19/17	1205	G	S	1			Hold		
AOC1-B82-P2.5		12/19/17	1210	G	S	1			Hold		
AOC1-B79-P0.5		12/19/17	1215	G	S	1		X	Hold		
AOC1-B79-P1.5		12/19/17	1220	G	S	1			Hold		
AOC1-B79-P2.5		12/19/17	1225	G	S	1			Hold		
AOC1-B80-P0.5		12/19/17	1230	G	S	1		X	Hold		
AOC1-B80-P1.5		12/19/17	1235	G	S	1			Hold		
AOC1-B80-P2.5		12/19/17	1240	G	S	1			Hold		
AOC1-B83-P0.5		12/19/17	1245	G	S	1		X	Hold		
AOC1-B83-P1.5		12/19/17	1250	G	S	1			Hold		
AOC1-B83-P2.5		12/19/17	1255	G	S	1			Hold		
<p>Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other</p> <p>Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p> <p><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown</p>											
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months</p>											
Special Instructions/QC Requirements & Comments:											
Custody Seal No.:		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Cor'd:		Therm ID No.:	
Relinquished by: <u>Parsons</u>		Company: <u>Parsons</u>		Date/Time: <u>12/19/17</u>		Received by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 3:55pm</u>	
Relinquished by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17</u>		Received by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 1855</u>	
Relinquished by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17</u>		Received in Laboratory by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 1855</u>	

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact Company Name: <u>Parsons</u> Address: <u>100 W Walnut St</u> City/State/Zip: <u>Pasadena, CA 9124</u> Phone: <u>626 440 6133</u> Fax: <u></u> Project Name: <u>Rosedale HS NEA</u> Site: <u>Rosedale High School</u> P O # <u></u>		Project Manager: <u>Joshua King</u> Tel/Fax: <u>626 440 6133</u> Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <u>std</u> <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		Site Contact: <u>N. Carlson</u> Lab Contact: <u>A. M. M. M.</u> Date: <u>12/19/17</u> Carrier: <u></u>		COC No: <u>7</u> of <u>9</u> COCs Sampler: <u></u> For Lab Use Only: Walk-in Client: <u></u> Lab Sampling: <u></u> Job / SDG No.: <u></u>	
Sample Identification		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.		Sample Specific Notes:	
AOC1-B81-D0.5		G		S		1		Hold	
AOC1-B81-D1.5		G		S		1		Hold	
AOC1-B81-D2.5		G		S		1		Hold	
AOC1-B78-D0.5		G		S		1		Hold	
AOC1-B78-D1.5		G		S		1		Hold	
AOC1-B78-D2.5		G		S		1		Hold	
AOC1-B77-D0.5		G		S		1		Hold	
AOC1-B77-D1.5		G		S		1		Hold	
AOC1-B77-D2.5		G		S		1		Hold	
AOC1-B76-D0.5		G		S		1		Hold	
AOC1-B76-D1.5		G		S		1		Hold	
AOC1-B76-D2.5		G		S		1		Hold	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other
 Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Custody Seal No.: Company: <u>Parsons</u> Date/Time: <u>12/19/17</u>		Received by: <u>[Signature]</u> Date/Time: <u>12/19/17 3:05pm</u>	
Company: <u>OCs</u> Date/Time: <u>12/19/17</u>		Company: <u>TA-I</u> Date/Time: <u>12/19/17 1855</u>	

TestAmerica Irvine
17461 Gerian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record 181125

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: N. Paulson		Date: 12/19/17		COC No: 8 of 9 COCs	
Company Name: Parsons		Tel/Fax: 626 440 6133		Lab Contact: L. Mata		Carrier:		Sampler:	
Address: 104 W Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		Sample Specific Notes:	
City/State/Zip: Pasadena CA 91299		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Date		Sample Type (C=Comp, G=Grab)		Matrix	
Phone: 626-440-6133		TAT if different from Below		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
Fax:		2 weeks							
Project Name: Reseda HS PEA		1 week							
Site: Reseda High School		2 days							
P O #		1 day							
AOC1-B22-D05	12/19/17 1400	G	S	1					
AOC1-B22-D05	12/19/17 1405	G	S	1					
AOC1-B22-D25	12/19/17 1410	G	S	1					
AOC1-B19-D05	12/19/17 1415	G	S	1					
AOC1-B19-D15	12/19/17 1420	G	S	1					
AOC1-B19-D25	12/19/17 1425	G	S	1					
AOC1-B20-D05	12/19/17 1430	G	S	1					
AOC1-B20-D15	12/19/17 1435	G	S	1					
AOC1-B20-D25	12/19/17 1440	G	S	1					
AOC1-B15-D05	12/19/17 1445	G	S	1					
AOC1-B15-D15	12/19/17 1450	G	S	1					
AOC1-B15-D25	12/19/17 1455	G	S	1					
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the									
Are any samples from a listed EPA Hazardous Waste? Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Cooler Temp. (°C): Obs'd: _____ Cor'd: _____ Therm ID No.: _____									
Custody Seal No.: _____									
Relinquished by: _____ Date/Time: 12/19/17									
Relinquished by: _____ Date/Time: 12/19/17									
Relinquished by: _____ Date/Time: 12/19/17									

Chain of Custody Record

Client Information (Sub Contract Lab) Client Contact: Shipping/Receiving Company: TestAmerica Laboratories, Inc. Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email: Project Name: LAUSD Reseda H.S., CA Site:		Sampler: Lab PM: Mata, Patty Phone: E-Mail: patty.mata@testamericainc.com Accreditations Required (See note): Due Date Requested: 1/8/2018 TAT Requested (days): PO #: WO #: Project # 44019322 SSOW#:		Carrier Tracking No(s): 440-117550.1 Page: Page 1 of 1 Job #: 440-198799-1 Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Identification - Client ID (Lab ID) E121917 (440-198799-12)		Sample Date: 12/19/17 Sample Time: 15:00 Pacific		Sample Type (C=Comp, G=grab): Matrix (W=water, S=solid, O=other): Preservation Code: Water	
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8290/8290 P-Sep Dioxins/Furans-17 Isomers List	
Total Number of Containers		1		Special Instructions/Note:	
Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.					
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:					
Date/Time: 12/17/2017 Date/Time: 12/17/2017 Date/Time: 12/17/2017		Received by: [Signature] Received by: [Signature] Received by: [Signature]		Company: [Signature] Company: [Signature] Company: [Signature]	
Date: 12/17/2017		Date: 12/17/2017		Date: 12/17/2017	
Empty Kit Relinquished by: [Signature]		Relinquished by: [Signature]		Relinquished by: [Signature]	
Custody Seal Intact: A Yes A No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.3	

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198799-1

Login Number: 198799

List Source: TestAmerica Irvine

List Number: 1

Creator: Avila, Stephanie 1

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sam



440-198799 Field Sheet

Job: _____

Tracking # 4176 2737 0872

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Notes: _____

Therm. ID: AK-2 / AK-3 / HACCP / Other _____

Ice ☒ Wet ☒ Dry _____ Other _____

Cooler Custody Seal: _____

Sample Custody Seal: _____

Cooler ID: _____

Temp: Observed 3.3

Corrected: _____

From: Temp Blank ☐ Sample ☒

NCM Filed: Yes ☐ No ☐

	Yes	No	NA
Perchlorate has headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CoC is complete w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cooler compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC and Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample containers have legible labels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Containers are not broken or leaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample date/times are provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate containers are used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample bottles are completely filled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: DL Date: 12/22/17

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sa



440-198799 Field Sheet

Tracking # 4176 2737 1879

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Notes: did not make temp.
not enough ice. MLG
12/28/17

half melted

clear jars

Therm. ID: AK-2 AK-3 / HACCP / Other _____

Ice ☒ Wet ☒ Dry _____ Other _____

Cooler Custody Seal: seal

Sample Custody Seal: _____

Cooler ID: _____

Temp: Observed 10.5

Corrected: _____

From: Temp Blank ☐ Sample ☒
NCM Filed: Yes ☐ No ☐

	Yes	No	NA
Perchlorate has headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CoC is complete w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cooler compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC and Samples w/o discrepancies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample containers have legible labels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Containers are not broken or leaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample date/times are provided.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate containers are used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample bottles are completely filled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: MLG Date: 12/28/17

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

17A

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198799-2

Client Project/Site: LAUSD Reseda H.S., CA

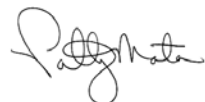
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

1/17/2018 10:12:08 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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results through

TotalAccess

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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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198799-12	E121917	Water	12/19/17 15:00	12/19/17 18:55
440-198799-49	AOC3-B1-D0.5	Solid	12/19/17 11:15	12/19/17 18:55
440-198799-52	AOC3-B1-D0.5-DUP	Solid	12/19/17 11:15	12/19/17 18:55

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Job ID: 440-198799-2

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-198799-2

Comments

No additional comments.

Receipt

The samples were received on 12/19/2017 6:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.7° C and 5.9° C.

Dioxin

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Dioxin Prep

Method(s) 8290, HRMS-Sox: Due to the matrix, the initial volume used for the following samples deviated from the standard procedure: AOC3-B1-D0.5 (440-198799-49) and AOC3-B1-D0.5-DUP (440-198799-52). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Client Sample ID: E121917

Lab Sample ID: 440-198799-12

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDD	1.6	J B	50	0.15	pg/L	1		8290	Total/NA
1,2,3,6,7,8-HxCDD	0.33	J q	50	0.13	pg/L	1		8290	Total/NA
1,2,3,7,8,9-HxCDD	0.45	J q	50	0.12	pg/L	1		8290	Total/NA
1,2,3,6,7,8-HxCDF	0.29	J q	50	0.19	pg/L	1		8290	Total/NA
1,2,3,7,8,9-HxCDF	0.50	J B	50	0.21	pg/L	1		8290	Total/NA
1,2,3,4,6,7,8-HpCDD	1.0	J B	50	0.092	pg/L	1		8290	Total/NA
1,2,3,4,6,7,8-HpCDF	0.64	J B	50	0.15	pg/L	1		8290	Total/NA
OCDD	3.0	J B	100	0.10	pg/L	1		8290	Total/NA
OCDF	1.2	J B	100	0.13	pg/L	1		8290	Total/NA

Client Sample ID: AOC3-B1-D0.5

Lab Sample ID: 440-198799-49

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDF	0.53	J	5.1	0.49	pg/g	1		8290	Total/NA
1,2,3,4,7,8-HxCDD	0.84	J B	25	0.33	pg/g	1		8290	Total/NA
1,2,3,6,7,8-HxCDD	1.2	J	25	0.30	pg/g	1		8290	Total/NA
1,2,3,7,8,9-HxCDD	0.96	J	25	0.29	pg/g	1		8290	Total/NA
1,2,3,6,7,8-HxCDF	4.4	J	25	0.70	pg/g	1		8290	Total/NA
1,2,3,4,6,7,8-HpCDD	26	B	25	0.43	pg/g	1		8290	Total/NA
1,2,3,4,6,7,8-HpCDF	5.4	J B q	25	0.47	pg/g	1		8290	Total/NA
OCDD	280	B	51	0.38	pg/g	1		8290	Total/NA
OCDF	15	J B	51	0.30	pg/g	1		8290	Total/NA

Client Sample ID: AOC3-B1-D0.5-DUP

Lab Sample ID: 440-198799-52

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
2,3,7,8-TCDF	0.54	J	5.1	0.40	pg/g	1		8290	Total/NA
1,2,3,4,7,8-HxCDD	0.89	J B	25	0.36	pg/g	1		8290	Total/NA
1,2,3,6,7,8-HxCDD	1.0	J	25	0.33	pg/g	1		8290	Total/NA
1,2,3,6,7,8-HxCDF	3.9	J	25	0.75	pg/g	1		8290	Total/NA
1,2,3,4,6,7,8-HpCDD	25	B	25	0.53	pg/g	1		8290	Total/NA
1,2,3,4,6,7,8-HpCDF	5.0	J B	25	0.54	pg/g	1		8290	Total/NA
OCDD	250	B	51	0.53	pg/g	1		8290	Total/NA
OCDF	13	J B	51	0.37	pg/g	1		8290	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Client Sample ID: E121917

Lab Sample ID: 440-198799-12

Date Collected: 12/19/17 15:00

Matrix: Water

Date Received: 12/19/17 18:55

Method: 8290 - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		10	0.16	pg/L		01/09/18 07:55	01/11/18 15:04	1
2,3,7,8-TCDF	ND		10	0.12	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,7,8-PeCDD	ND		50	0.21	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,7,8-PeCDF	ND		50	0.17	pg/L		01/09/18 07:55	01/11/18 15:04	1
2,3,4,7,8-PeCDF	ND		50	0.17	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,4,7,8-HxCDD	1.6	J B	50	0.15	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,6,7,8-HxCDD	0.33	J q	50	0.13	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,7,8,9-HxCDD	0.45	J q	50	0.12	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,4,7,8-HxCDF	ND		50	0.21	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,6,7,8-HxCDF	0.29	J q	50	0.19	pg/L		01/09/18 07:55	01/11/18 15:04	1
2,3,4,6,7,8-HxCDF	ND		50	0.20	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,7,8,9-HxCDF	0.50	J B	50	0.21	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,4,6,7,8-HpCDD	1.0	J B	50	0.092	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,4,6,7,8-HpCDF	0.64	J B	50	0.15	pg/L		01/09/18 07:55	01/11/18 15:04	1
1,2,3,4,7,8,9-HpCDF	ND		50	0.18	pg/L		01/09/18 07:55	01/11/18 15:04	1
OCDD	3.0	J B	100	0.10	pg/L		01/09/18 07:55	01/11/18 15:04	1
OCDF	1.2	J B	100	0.13	pg/L		01/09/18 07:55	01/11/18 15:04	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	87		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-2,3,7,8-TCDF	90		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-1,2,3,7,8-PeCDD	100		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-1,2,3,7,8-PeCDF	91		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-1,2,3,6,7,8-HxCDD	84		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-1,2,3,4,7,8-HxCDF	99		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-1,2,3,4,6,7,8-HpCDD	99		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-1,2,3,4,6,7,8-HpCDF	92		40 - 135				01/09/18 07:55	01/11/18 15:04	1
13C-OCDD	105		40 - 135				01/09/18 07:55	01/11/18 15:04	1

Client Sample ID: AOC3-B1-D0.5

Lab Sample ID: 440-198799-49

Date Collected: 12/19/17 11:15

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 8290 - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.1	0.25	pg/g		01/10/18 10:49	01/15/18 13:53	1
2,3,7,8-TCDF	0.53	J	5.1	0.49	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,7,8-PeCDD	ND		25	0.65	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,7,8-PeCDF	ND		25	0.69	pg/g		01/10/18 10:49	01/15/18 13:53	1
2,3,4,7,8-PeCDF	ND		25	0.70	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,4,7,8-HxCDD	0.84	J B	25	0.33	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,6,7,8-HxCDD	1.2	J	25	0.30	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,7,8,9-HxCDD	0.96	J	25	0.29	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,4,7,8-HxCDF	ND		25	0.73	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,6,7,8-HxCDF	4.4	J	25	0.70	pg/g		01/10/18 10:49	01/15/18 13:53	1
2,3,4,6,7,8-HxCDF	ND		25	0.72	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,7,8,9-HxCDF	ND		25	0.79	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,4,6,7,8-HpCDD	26	B	25	0.43	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,4,6,7,8-HpCDF	5.4	J B q	25	0.47	pg/g		01/10/18 10:49	01/15/18 13:53	1
1,2,3,4,7,8,9-HpCDF	ND		25	0.56	pg/g		01/10/18 10:49	01/15/18 13:53	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Client Sample ID: AOC3-B1-D0.5

Lab Sample ID: 440-198799-49

Date Collected: 12/19/17 11:15

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 8290 - Dioxins and Furans (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
OCDD	280	B	51	0.38	pg/g		01/10/18 10:49	01/15/18 13:53	1
OCDF	15	J B	51	0.30	pg/g		01/10/18 10:49	01/15/18 13:53	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	73		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-2,3,7,8-TCDF	70		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-1,2,3,7,8-PeCDD	71		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-1,2,3,7,8-PeCDF	74		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-1,2,3,6,7,8-HxCDD	71		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-1,2,3,4,7,8-HxCDF	63		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-1,2,3,4,6,7,8-HpCDD	65		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-1,2,3,4,6,7,8-HpCDF	67		40 - 135				01/10/18 10:49	01/15/18 13:53	1
13C-OCDD	64		40 - 135				01/10/18 10:49	01/15/18 13:53	1

Client Sample ID: AOC3-B1-D0.5-DUP

Lab Sample ID: 440-198799-52

Date Collected: 12/19/17 11:15

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 8290 - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		5.1	0.23	pg/g		01/10/18 10:54	01/15/18 14:39	1
2,3,7,8-TCDF	0.54	J	5.1	0.40	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,7,8-PeCDD	ND		25	0.57	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,7,8-PeCDF	ND		25	0.66	pg/g		01/10/18 10:54	01/15/18 14:39	1
2,3,4,7,8-PeCDF	ND		25	0.67	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,4,7,8-HxCDD	0.89	J B	25	0.36	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,6,7,8-HxCDD	1.0	J	25	0.33	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,7,8,9-HxCDD	ND		25	0.32	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,4,7,8-HxCDF	ND		25	0.79	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,6,7,8-HxCDF	3.9	J	25	0.75	pg/g		01/10/18 10:54	01/15/18 14:39	1
2,3,4,6,7,8-HxCDF	ND		25	0.77	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,7,8,9-HxCDF	ND		25	0.85	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,4,6,7,8-HpCDD	25	B	25	0.53	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,4,6,7,8-HpCDF	5.0	J B	25	0.54	pg/g		01/10/18 10:54	01/15/18 14:39	1
1,2,3,4,7,8,9-HpCDF	ND		25	0.64	pg/g		01/10/18 10:54	01/15/18 14:39	1
OCDD	250	B	51	0.53	pg/g		01/10/18 10:54	01/15/18 14:39	1
OCDF	13	J B	51	0.37	pg/g		01/10/18 10:54	01/15/18 14:39	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	71		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-2,3,7,8-TCDF	69		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-1,2,3,7,8-PeCDD	67		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-1,2,3,7,8-PeCDF	71		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-1,2,3,6,7,8-HxCDD	70		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-1,2,3,4,7,8-HxCDF	63		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-1,2,3,4,6,7,8-HpCDD	61		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-1,2,3,4,6,7,8-HpCDF	63		40 - 135				01/10/18 10:54	01/15/18 14:39	1
13C-OCDD	60		40 - 135				01/10/18 10:54	01/15/18 14:39	1

TestAmerica Irvine

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Method	Method Description	Protocol	Laboratory
8290	Dioxins and Furans (HRGC/HRMS)	SW846	TAL SAC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Client Sample ID: E121917

Date Collected: 12/19/17 15:00

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8290			1003.5 mL	20.0 uL	203119	01/09/18 07:55	DXD	TAL SAC
Total/NA	Analysis	8290		1			203541	01/11/18 15:04	AS	TAL SAC

Client Sample ID: AOC3-B1-D0.5

Date Collected: 12/19/17 11:15

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8290			1.98 g	20.0 uL	203363	01/10/18 10:49	DXD	TAL SAC
Total/NA	Analysis	8290		1			204002	01/15/18 13:53	ALM	TAL SAC

Client Sample ID: AOC3-B1-D0.5-DUP

Date Collected: 12/19/17 11:15

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-52

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8290			1.98 g	20.0 uL	203363	01/10/18 10:54	DXD	TAL SAC
Total/NA	Analysis	8290		1			204002	01/15/18 14:39	ALM	TAL SAC

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Method: 8290 - Dioxins and Furans (HRGC/HRMS)

Lab Sample ID: MB 320-203119/1-A

Matrix: Water

Analysis Batch: 203541

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 203119

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		10	0.22	pg/L		01/09/18 07:55	01/11/18 12:39	1
2,3,7,8-TCDF	ND		10	0.17	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,7,8-PeCDD	ND		50	0.22	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,7,8-PeCDF	ND		50	0.23	pg/L		01/09/18 07:55	01/11/18 12:39	1
2,3,4,7,8-PeCDF	ND		50	0.24	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,4,7,8-HxCDD	2.23	J	50	0.24	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,6,7,8-HxCDD	ND		50	0.20	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,7,8,9-HxCDD	ND		50	0.20	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,4,7,8-HxCDF	ND		50	0.27	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,6,7,8-HxCDF	ND		50	0.24	pg/L		01/09/18 07:55	01/11/18 12:39	1
2,3,4,6,7,8-HxCDF	ND		50	0.26	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,7,8,9-HxCDF	0.473	J q	50	0.27	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,4,6,7,8-HpCDD	0.694	J q	50	0.14	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,4,6,7,8-HpCDF	0.442	J q	50	0.17	pg/L		01/09/18 07:55	01/11/18 12:39	1
1,2,3,4,7,8,9-HpCDF	ND		50	0.20	pg/L		01/09/18 07:55	01/11/18 12:39	1
OCDD	2.35	J	100	0.14	pg/L		01/09/18 07:55	01/11/18 12:39	1
OCDF	1.00	J	100	0.22	pg/L		01/09/18 07:55	01/11/18 12:39	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	88		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-2,3,7,8-TCDF	89		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-1,2,3,7,8-PeCDD	91		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-1,2,3,7,8-PeCDF	88		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-1,2,3,6,7,8-HxCDD	86		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-1,2,3,4,7,8-HxCDF	97		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-1,2,3,4,6,7,8-HpCDD	95		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-1,2,3,4,6,7,8-HpCDF	87		40 - 135	01/09/18 07:55	01/11/18 12:39	1
13C-OCDD	99		40 - 135	01/09/18 07:55	01/11/18 12:39	1

Lab Sample ID: LCS 320-203119/2-A

Matrix: Water

Analysis Batch: 203541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 203119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	200	198		pg/L		99	72 - 128
2,3,7,8-TCDF	200	201		pg/L		101	67 - 135
1,2,3,7,8-PeCDD	1000	1010		pg/L		101	71 - 135
1,2,3,7,8-PeCDF	1000	1030		pg/L		103	70 - 133
2,3,4,7,8-PeCDF	1000	1040		pg/L		104	69 - 135
1,2,3,4,7,8-HxCDD	1000	1070		pg/L		107	67 - 130
1,2,3,6,7,8-HxCDD	1000	1020		pg/L		102	61 - 144
1,2,3,7,8,9-HxCDD	1000	1080		pg/L		108	61 - 140
1,2,3,4,7,8-HxCDF	1000	985		pg/L		98	69 - 140
1,2,3,6,7,8-HxCDF	1000	939		pg/L		94	62 - 155
2,3,4,6,7,8-HxCDF	1000	956		pg/L		96	70 - 146
1,2,3,7,8,9-HxCDF	1000	961		pg/L		96	71 - 142
1,2,3,4,6,7,8-HpCDD	1000	1030		pg/L		103	71 - 134
1,2,3,4,6,7,8-HpCDF	1000	1070		pg/L		107	68 - 137

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Method: 8290 - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 320-203119/2-A

Matrix: Water

Analysis Batch: 203541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 203119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3,4,7,8,9-HpCDF	1000	1100		pg/L		110	74 - 134
OCDD	2000	1910		pg/L		96	72 - 134
OCDF	2000	1830		pg/L		91	65 - 143

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C-2,3,7,8-TCDD	87		40 - 135
13C-2,3,7,8-TCDF	87		40 - 135
13C-1,2,3,7,8-PeCDD	88		40 - 135
13C-1,2,3,7,8-PeCDF	89		40 - 135
13C-1,2,3,6,7,8-HxCDD	83		40 - 135
13C-1,2,3,4,7,8-HxCDF	93		40 - 135
13C-1,2,3,4,6,7,8-HpCDD	95		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	88		40 - 135
13C-OCDD	101		40 - 135

Lab Sample ID: LCSD 320-203119/3-A

Matrix: Water

Analysis Batch: 203541

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 203119

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,3,7,8-TCDD	200	197		pg/L		99	72 - 128	1	20
2,3,7,8-TCDF	200	207		pg/L		104	67 - 135	3	20
1,2,3,7,8-PeCDD	1000	1060		pg/L		106	71 - 135	4	20
1,2,3,7,8-PeCDF	1000	1040		pg/L		104	70 - 133	0	20
2,3,4,7,8-PeCDF	1000	1060		pg/L		106	69 - 135	2	20
1,2,3,4,7,8-HxCDD	1000	1110		pg/L		111	67 - 130	3	20
1,2,3,6,7,8-HxCDD	1000	1020		pg/L		102	61 - 144	0	20
1,2,3,7,8,9-HxCDD	1000	1120		pg/L		112	61 - 140	4	20
1,2,3,4,7,8-HxCDF	1000	1030		pg/L		103	69 - 140	5	20
1,2,3,6,7,8-HxCDF	1000	941		pg/L		94	62 - 155	0	20
2,3,4,6,7,8-HxCDF	1000	921		pg/L		92	70 - 146	4	20
1,2,3,7,8,9-HxCDF	1000	951		pg/L		95	71 - 142	1	20
1,2,3,4,6,7,8-HpCDD	1000	1050		pg/L		105	71 - 134	2	20
1,2,3,4,6,7,8-HpCDF	1000	1080		pg/L		108	68 - 137	1	20
1,2,3,4,7,8,9-HpCDF	1000	1130		pg/L		113	74 - 134	3	20
OCDD	2000	2060		pg/L		103	72 - 134	8	20
OCDF	2000	1950		pg/L		97	65 - 143	6	20

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C-2,3,7,8-TCDD	87		40 - 135
13C-2,3,7,8-TCDF	87		40 - 135
13C-1,2,3,7,8-PeCDD	96		40 - 135
13C-1,2,3,7,8-PeCDF	88		40 - 135
13C-1,2,3,6,7,8-HxCDD	82		40 - 135
13C-1,2,3,4,7,8-HxCDF	96		40 - 135
13C-1,2,3,4,6,7,8-HpCDD	96		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	88		40 - 135
13C-OCDD	101		40 - 135

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Method: 8290 - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: MB 320-203363/1-A

Matrix: Solid

Analysis Batch: 203747

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 203363

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		1.0	0.044	pg/g		01/10/18 10:49	01/12/18 18:36	1
2,3,7,8-TCDF	ND		1.0	0.029	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,7,8-PeCDD	ND		5.0	0.090	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,7,8-PeCDF	ND		5.0	0.047	pg/g		01/10/18 10:49	01/12/18 18:36	1
2,3,4,7,8-PeCDF	ND		5.0	0.049	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,4,7,8-HxCDD	0.179	J q	5.0	0.050	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,6,7,8-HxCDD	ND		5.0	0.042	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,7,8,9-HxCDD	ND		5.0	0.041	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,4,7,8-HxCDF	ND		5.0	0.10	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,6,7,8-HxCDF	ND		5.0	0.088	pg/g		01/10/18 10:49	01/12/18 18:36	1
2,3,4,6,7,8-HxCDF	ND		5.0	0.096	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,7,8,9-HxCDF	ND		5.0	0.10	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,4,6,7,8-HpCDD	0.358	J q	5.0	0.033	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,4,6,7,8-HpCDF	0.0977	J q	5.0	0.035	pg/g		01/10/18 10:49	01/12/18 18:36	1
1,2,3,4,7,8,9-HpCDF	0.117	J	5.0	0.042	pg/g		01/10/18 10:49	01/12/18 18:36	1
OCDD	5.49	J	10	0.050	pg/g		01/10/18 10:49	01/12/18 18:36	1
OCDF	0.780	J	10	0.045	pg/g		01/10/18 10:49	01/12/18 18:36	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	62		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-2,3,7,8-TCDF	64		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-1,2,3,7,8-PeCDD	54		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-1,2,3,7,8-PeCDF	62		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-1,2,3,6,7,8-HxCDD	67		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-1,2,3,4,7,8-HxCDF	68		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-1,2,3,4,6,7,8-HpCDD	66		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-1,2,3,4,6,7,8-HpCDF	70		40 - 135	01/10/18 10:49	01/12/18 18:36	1
13C-OCDD	72		40 - 135	01/10/18 10:49	01/12/18 18:36	1

Lab Sample ID: LCS 320-203363/2-A

Matrix: Solid

Analysis Batch: 203747

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 203363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,3,7,8-TCDD	20.0	20.3		pg/g		102	60 - 138
2,3,7,8-TCDF	20.0	20.1		pg/g		100	56 - 158
1,2,3,7,8-PeCDD	100	109		pg/g		109	70 - 122
1,2,3,7,8-PeCDF	100	104		pg/g		104	69 - 134
2,3,4,7,8-PeCDF	100	103		pg/g		103	70 - 131
1,2,3,4,7,8-HxCDD	100	104		pg/g		104	60 - 138
1,2,3,6,7,8-HxCDD	100	99.4		pg/g		99	68 - 136
1,2,3,7,8,9-HxCDD	100	107		pg/g		107	68 - 138
1,2,3,4,7,8-HxCDF	100	103		pg/g		103	74 - 128
1,2,3,6,7,8-HxCDF	100	98.2		pg/g		98	67 - 140
2,3,4,6,7,8-HxCDF	100	98.3		pg/g		98	71 - 137
1,2,3,7,8,9-HxCDF	100	101		pg/g		101	72 - 134
1,2,3,4,6,7,8-HpCDD	100	109		pg/g		109	71 - 128
1,2,3,4,6,7,8-HpCDF	100	104		pg/g		104	71 - 134

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Method: 8290 - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 320-203363/2-A

Matrix: Solid

Analysis Batch: 203747

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 203363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3,4,7,8,9-HpCDF	100	95.7		pg/g		96	68 - 129
OCDD	200	204		pg/g		102	70 - 128
OCDF	200	192		pg/g		96	63 - 141

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C-2,3,7,8-TCDD	78		40 - 135
13C-2,3,7,8-TCDF	82		40 - 135
13C-1,2,3,7,8-PeCDD	73		40 - 135
13C-1,2,3,7,8-PeCDF	80		40 - 135
13C-1,2,3,6,7,8-HxCDD	84		40 - 135
13C-1,2,3,4,7,8-HxCDF	90		40 - 135
13C-1,2,3,4,6,7,8-HpCDD	82		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	84		40 - 135
13C-OCDD	82		40 - 135

Lab Sample ID: LCSD 320-203363/3-A

Matrix: Solid

Analysis Batch: 203747

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 203363

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,3,7,8-TCDD	20.0	20.3		pg/g		102	60 - 138	0	20
2,3,7,8-TCDF	20.0	20.0		pg/g		100	56 - 158	1	20
1,2,3,7,8-PeCDD	100	109		pg/g		109	70 - 122	0	20
1,2,3,7,8-PeCDF	100	104		pg/g		104	69 - 134	1	20
2,3,4,7,8-PeCDF	100	106		pg/g		106	70 - 131	3	20
1,2,3,4,7,8-HxCDD	100	104		pg/g		104	60 - 138	1	20
1,2,3,6,7,8-HxCDD	100	101		pg/g		101	68 - 136	2	20
1,2,3,7,8,9-HxCDD	100	105		pg/g		105	68 - 138	2	20
1,2,3,4,7,8-HxCDF	100	102		pg/g		102	74 - 128	1	20
1,2,3,6,7,8-HxCDF	100	101		pg/g		101	67 - 140	3	20
2,3,4,6,7,8-HxCDF	100	105		pg/g		105	71 - 137	6	20
1,2,3,7,8,9-HxCDF	100	106		pg/g		106	72 - 134	4	20
1,2,3,4,6,7,8-HpCDD	100	110		pg/g		110	71 - 128	1	20
1,2,3,4,6,7,8-HpCDF	100	105		pg/g		105	71 - 134	1	20
1,2,3,4,7,8,9-HpCDF	100	98.6		pg/g		99	68 - 129	3	20
OCDD	200	207		pg/g		103	70 - 128	1	20
OCDF	200	197		pg/g		98	63 - 141	2	20

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C-2,3,7,8-TCDD	71		40 - 135
13C-2,3,7,8-TCDF	74		40 - 135
13C-1,2,3,7,8-PeCDD	67		40 - 135
13C-1,2,3,7,8-PeCDF	71		40 - 135
13C-1,2,3,6,7,8-HxCDD	77		40 - 135
13C-1,2,3,4,7,8-HxCDF	76		40 - 135
13C-1,2,3,4,6,7,8-HpCDD	70		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	73		40 - 135
13C-OCDD	75		40 - 135

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Specialty Organics

Prep Batch: 203119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-12	E121917	Total/NA	Water	8290	
MB 320-203119/1-A	Method Blank	Total/NA	Water	8290	
LCS 320-203119/2-A	Lab Control Sample	Total/NA	Water	8290	
LCSD 320-203119/3-A	Lab Control Sample Dup	Total/NA	Water	8290	

Prep Batch: 203363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-49	AOC3-B1-D0.5	Total/NA	Solid	8290	
440-198799-52	AOC3-B1-D0.5-DUP	Total/NA	Solid	8290	
MB 320-203363/1-A	Method Blank	Total/NA	Solid	8290	
LCS 320-203363/2-A	Lab Control Sample	Total/NA	Solid	8290	
LCSD 320-203363/3-A	Lab Control Sample Dup	Total/NA	Solid	8290	

Analysis Batch: 203541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-12	E121917	Total/NA	Water	8290	203119
MB 320-203119/1-A	Method Blank	Total/NA	Water	8290	203119
LCS 320-203119/2-A	Lab Control Sample	Total/NA	Water	8290	203119
LCSD 320-203119/3-A	Lab Control Sample Dup	Total/NA	Water	8290	203119

Analysis Batch: 203747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-203363/1-A	Method Blank	Total/NA	Solid	8290	203363
LCS 320-203363/2-A	Lab Control Sample	Total/NA	Solid	8290	203363
LCSD 320-203363/3-A	Lab Control Sample Dup	Total/NA	Solid	8290	203363

Analysis Batch: 204002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-49	AOC3-B1-D0.5	Total/NA	Solid	8290	203363
440-198799-52	AOC3-B1-D0.5-DUP	Total/NA	Solid	8290	203363

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Qualifiers

Dioxin

Qualifier	Qualifier Description
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.
q	The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

Laboratory: TestAmerica Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska (UST)	State Program	10	UST-055	01-31-18
Arizona	State Program	9	AZ0708	08-11-18
Arkansas DEQ	State Program	6	88-0691	06-17-18
California	State Program	9	2897	01-31-18
Colorado	State Program	8	CA00044	08-31-18
Connecticut	State Program	1	PH-0691	06-30-19
Florida	NELAP	4	E87570	06-30-18
Georgia	State Program	4	N/A	01-28-19
Hawaii	State Program	9	N/A	01-29-18
Illinois	NELAP	5	200060	03-17-18
Kansas	NELAP	7	E-10375	12-31-17 *
L-A-B	DoD ELAP		L2468	01-20-18
Louisiana	NELAP	6	30612	06-30-18
Maine	State Program	1	CA0004	04-18-18
Michigan	State Program	5	9947	01-31-18
Nevada	State Program	9	CA00044	07-31-18
New Hampshire	NELAP	1	2997	04-18-18
New Jersey	NELAP	2	CA005	06-30-18
New York	NELAP	2	11666	04-01-18
Oregon	NELAP	10	4040	01-29-20
Pennsylvania	NELAP	3	68-01272	03-31-18
Texas	NELAP	6	T104704399	05-31-18
US Fish & Wildlife	Federal		LE148388-0	07-31-18
USDA	Federal		P330-11-00436	12-30-17 *
USEPA UCMR	Federal	1	CA00044	11-06-18
Utah	NELAP	8	CA00044	02-28-18
Virginia	NELAP	3	460278	03-14-18
Washington	State Program	10	C581	05-05-18
Wyoming	State Program	8	8TMS-L	01-28-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

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Chain of Custody Record

181118

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THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Pat Henderson		Date: 12-19-17		COC No: 1 of 1 COCs	
Company Name: Parsons		Tel/Fax: 626-440-6133		Lab Contact: Pat Henderson		Carrier:		Sampler: Nucle	
Address: 100 West Walnut St		Analysis Turnaround Time		Perform MS/MSD (Y/N)		Filtered Sample (Y/N)		For Lab Use Only:	
City/State/Zip: Pasadena CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
Phone: 626-440-6133		TAT if different from Below						Lab Sampling:	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Job / SDG No.:	
Project Name: Round HS PBA									
Site: Round High School									
P.O.#									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:		
AOC1-B48-D0.5		12/19/17	0730	G	S	1	HOLD		
AOC1-B48-D0.5		12/19/17	0735	G	S	1	HOLD		
AOC1-B48-D2.5		12/19/17	0740	G	S	1			
AOC1-B48-D4.5-Dup		12/19/17	0730	G	S	1			
AOC1-B57-D0.5		12/19/17	0745	G	S	1			
AOC1-B57-D1.5		12/19/17	0750	G	S	1			
AOC1-B57-D2.5		12/19/17	0755	G	S	1			
AOC1-B57-D0.5-Dup		12/19/17	0745	G	S	1			
AOC1-B63-D0.5		12/19/17	0800	G	S	1			
AOC1-B63-D1.5		12/19/17	0805	G	S	1			
AOC1-B63-D2.5		12/19/17	0810	G	S	1			
E12/19/17		12/19/17	1500	G	S	7			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for Months							
Special Instructions/QC Requirements & Comments:		5.9 5.7							
Custody Seal No.:		Cooler Temp. (°C): Obs'd: 5.9 Therm ID No.: 1284							
Relinquished by:		Company: Parsons	Date/Time: 12/19/17	Received by: Adam Jorden		Company: OCS	Date/Time: 12/19/17	3:55 pm	
Relinquished by:		Company: OCS	Date/Time: 12/19/17	Received by:		Company:	Date/Time:		
Relinquished by:		Company:	Date/Time:	Received in Laboratory by:		Company: TA-I	Date/Time: 12/19/17	1655	

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Chain of Custody Record

181120

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>Jessika King</u>		Site Contact: <u>N. Wilson</u>		Date: <u>12/19/17</u>		COC No: <u>2</u> of <u>9</u> COCs	
Company Name: <u>Parsino</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Autry Mota</u>		Carrier:		Sampler: <u>NT</u>	
Address: <u>100 N Walnut St</u>		City/State/Zip: <u>Insdale, CA 91109</u>		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:	
Phone: <u>626-440-6133</u>		TAT if different from Below		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Lab Sampling:		Job / SDG No.:	
Fax: <u>626-440-6133</u>		2 weeks		<input type="checkbox"/> 1 week					
Project Name: <u>Reseda HS DEA</u>		1 day		<input type="checkbox"/> 2 days					
Site: <u>Reseda High School</u>									
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
A0C1-B66-P0.5		12/19/17	0845	G	S	1		X	
A0C1-B66-P0.5		12/19/17	0820	G	S	1			Hold
A0C1-B66-P2.5		12/19/17	0825	G	S	1			Hold
A0C1-B69-P0.5		12/19/17	0830	G	S	1		X	
A0C1-B69-P1.5		12/19/17	0835	G	S	1			Hold
A0C1-B69-P2.5		12/19/17	0840	G	S	1			Hold
A0C1-B68-P0.5		12/19/17	0845	G	S	1		X	
A0C1-B68-P1.5		12/19/17	0850	G	S	1			Hold
A0C1-B68-P2.5		12/19/17	0855	G	S	1			Hold
A0C1-B71-P0.5		12/19/17	0900	G	S	1		X	
A0C1-B71-P1.5		12/19/17	0905	G	S	1			Hold
A0C1-B71-P2.5		12/19/17	0910	G	S	1			Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Relinquished by: <u>[Signature]</u>	Company: <u>Parsino</u>	Received by: <u>[Signature]</u>	Company: <u>DCS</u>	Date/Time: <u>12/19/17</u>	Date/Time: <u>12/19/17 3:55pm</u>
Relinquished by: <u>[Signature]</u>	Company: <u>DCS</u>	Received by: <u>[Signature]</u>	Company: <u>DCS</u>	Date/Time: <u>12/19/17</u>	Date/Time: <u>12/19/17 1855</u>
Relinquished by: <u>[Signature]</u>	Company: <u>DCS</u>	Received in Laboratory by: <u>[Signature]</u>	Company: <u>TA-I</u>	Date/Time: <u>12/19/17</u>	Date/Time: <u>1855</u>

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17461 Derian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record 181121

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>Justin K. Hays</u>		Site Contact: <u>N. Paulson</u>		Date: <u>12/17/17</u>		COC No: <u>3</u> of <u>9</u> COCs	
Company Name: <u>Pursas</u>		Tel/Fax: <u>626 440 6133</u>		Lab Contact: <u>Patty Mader</u>		Carrier: <u>AT-100</u>		Sampler:	
Address: <u>100 W. Walnut St</u>		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Walk-in Client:		For Lab Use Only:	
City/State/Zip: <u>Pasadena, CA 91124</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y / N)		Lab Sampling:		Job / SDG No.:	
Phone: <u>626-440-6133</u>		TAT if different from Below <u>57 d</u>		Lead <u>Arsonic</u>		Job / SDG No.:			
Fax:		<input type="checkbox"/> 2 weeks							
Project Name: <u>Roseda HS PTH</u>		<input type="checkbox"/> 1 week							
Site: <u>Roseda High School</u>		<input type="checkbox"/> 2 days							
P O #		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:		
AOC1-B72-D0.5		12/17/17	0915	G	S	1	Hold		
AOC1-B72-D1.5		12/17/17	0920	G	S	1	Hold		
AOC1-B72-D2.5		12/17/17	0925	G	S	1	Hold		
AOC1-B73-D0.5		12/17/17	0930	G	S	1	Hold		
AOC1-B73-D1.5		12/17/17	0935	G	S	1	Hold		
AOC1-B73-D2.5		12/17/17	0940	G	S	1	Hold		
AOC1-B74-D0.5		12/17/17	0945	G	S	1	Hold		
AOC1-B74-D1.5		12/17/17	0950	G	S	1	Hold		
AOC1-B74-D2.5		12/17/17	0955	G	S	1	Hold		
AOC1-B75-D0.5		12/17/17	1000	G	S	1	Hold		
AOC1-B75-D1.5		12/17/17	1005	G	S	1	Hold		
AOC1-B75-D2.5		12/17/17	1010	G	S	1	Hold		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other								Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: _____ Cor'd: _____						Therm ID No.: _____	
Relinquished by: <u>ad</u>		Company: <u>Pursas</u>		Date/Time: <u>12/14/17</u>		Received by: <u>Justin K. Hays</u>		Company: <u>OCJ</u>	
Relinquished by: <u>Justin K. Hays</u>		Company: <u>OCJ</u>		Date/Time: <u>12/17/17 6:55pm</u>		Received by: <u>Justin K. Hays</u>		Company: <u>OCJ</u>	
Relinquished by: <u>Justin K. Hays</u>		Company: <u>OCJ</u>		Date/Time: <u>12/17/17 10:10</u>		Received in Laboratory by: <u>Justin K. Hays</u>		Company: <u>TA-I</u>	
								Date/Time: <u>12/14/17 1855</u>	

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <i>Justin K. King</i>		Site Contact: <i>Mr. Paulson</i>		Date: <i>12/19/17</i>		COC No:		
Company Name: <i>Persons</i>		Tel/Fax: <i>626 440 6133</i>		Lab Contact: <i>P. Matin</i>		Carrier:		4 of 9 COCs		
Address: <i>100 W. Walnut St</i>		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		Sampler: <i>N.P.</i>		
City/State/Zip: <i>Pasadena CA 91124</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:		
Phone: <i>626 440 6133</i>		TAT if different from Below						Walk-in Client:		
Fax:		<input type="checkbox"/> 2 weeks						Lab Sampling:		
Project Name: <i>Roseda H.S. IEA</i>		<input type="checkbox"/> 1 week						Job / SDG No.:		
Site: <i>Roseda High School</i>		<input type="checkbox"/> 2 days								
P O #		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:			
AOC1 B84-D05		12/19/17	1015	G	S	1	Hold			
AOC1 B84-D15		12/19/17	1020	G	S	1	Hold			
AOC1 B84-D25		12/19/17	1025	G	S	1	Hold			
AOC1 B86-D05		12/19/17	1030	G	S	1	Hold			
AOC1 B86-D15		12/19/17	1035	G	S	1	Hold			
AOC1 B86-D25		12/19/17	1040	G	S	1	Hold			
AOC1 B89-D05		12/19/17	1045	G	S	1	Hold			
AOC1 B89-D15		12/19/17	1050	G	S	1	Hold			
AOC1 B89-D25		12/19/17	1055	G	S	1	Hold			
AOC1 B88-D05		12/19/17	1100	G	S	1	Hold			
AOC1 B88-D15		12/19/17	1105	G	S	1	Hold			
AOC1 B88-D25		12/19/17	1110	G	S	1	Hold			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other									Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
Special Instructions/QC Requirements & Comments:										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: _____							Therm ID No.: _____	
Relinquished by: <i>[Signature]</i>		Company: <i>Persons</i>		Date/Time: <i>12/19/17</i>		Received by: <i>[Signature]</i>		Company: <i>DCS</i>		
Relinquished by: <i>[Signature]</i>		Company: <i>DCS</i>		Date/Time: <i>12/19/17 6:55pm</i>		Received by: <i>[Signature]</i>		Company: <i>DCS</i>		
Relinquished by: <i>[Signature]</i>		Company: <i>DCS</i>		Date/Time: <i>12/19/17 1855</i>		Received in Laboratory: <i>[Signature]</i>		Company: <i>TA-7</i>		

Phone: 949.261.1022 Fax:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

1

Client Contact Company Name: Parsons Address: 100 W. Main St City/State/Zip: Pasadena, CA 9124 Phone: 626 440 6133 Fax: 626 440 6133 Project Name: Pasadena HS PBA Site: Pasadena High School P O #		Project Manager: Justin King Tel/Fax: 626 440 6133 Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: 5 days <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: N. Carlson Lab Contact: J. Mota Date: 12/19/17 Carrier: 8 COC No.: 8 of 9 COCs Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: Sample Specific Notes:	
Sample Identification		Filtered Sample (Y / N) Perform MS / MSD (Y / N)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for: _____ Months	
AOC3-B1-00.5 AOC3-B1-01.5 AOC3-B1-02.5 AOC3-B1-00.5-Dup AOC1-B85-P0.5 AOC1-B85-P1.5 AOC1-B85-P2.5 AOC1-B87-P0.5 AOC1-B87-P1.5 AOC1-B87-P2.5	12/19/17 1115 12/19/17 1120 12/19/17 1125 12/19/17 1115 12/19/17 1130 12/19/17 1135 12/19/17 1140 12/19/17 1145 12/19/17 1150 12/19/17 1155	G G G G G G G G G G	S S S S S S S S S S	1 1 1 1 1 1 1 1 1 1	XX XX XX XX XX XX XX XX XX XX
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant					
Special Instructions/QC Requirements & Comments:					
Custody Seal No.: Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		Company: Parsons Date/Time: 12/19/17 Received by: [Signature] Date/Time: 12/19/17 Received in Laboratory by: [Signature]		Therm ID No.: Date/Time: 12/19/17 3:55 PM Date/Time: 12/19/17 1855	

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Company Name: <u>Parsons</u>		Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>N. Paulson</u>		Date: <u>12/19/17</u>		COC No: <u>6</u> of <u>9</u> COCs	
Address: <u>1000 Walnut St</u>				Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>L. Mata</u>		Carrier:		Sampler:	
City/State/Zip: <u>Pasadena CA 91104</u>				Analysis Turnaround Time						For Lab Use Only:	
Phone: <u>626 440 6133</u>				<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
Fax:				TAT if different from Below <u>STA</u>						Lab Sampling:	
Project Name: <u>Reseda HS PEA</u>				<input type="checkbox"/> 2 weeks						Job / SDG No.:	
Site: <u>Reseda High School</u>				<input type="checkbox"/> 1 week							
P O #				<input type="checkbox"/> 2 days							
				<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:		
AOC1-B82-P0.5	12/19/17	1200	G	S	1		X	X	Hold		
AOC1-B82-P1.5	12/19/17	1205	G	S	1				Hold		
AOC1-B82-P2.5	12/19/17	1210	G	S	1				Hold		
AOC1-B79-P0.5	12/19/17	1215	G	S	1		X	X	Hold		
AOC1-B79-P1.5	12/19/17	1220	G	S	1				Hold		
AOC1-B79-P2.5	12/19/17	1225	G	S	1				Hold		
AOC1-B80-P0.5	12/19/17	1230	G	S	1		X	X	Hold		
AOC1-B80-P1.5	12/19/17	1235	G	S	1				Hold		
AOC1-B80-P2.5	12/19/17	1240	G	S	1				Hold		
AOC1-B83-P0.5	12/19/17	1245	G	S	1		X	X	Hold		
AOC1-B83-P1.5	12/19/17	1250	G	S	1				Hold		
AOC1-B83-P2.5	12/19/17	1255	G	S	1				Hold		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments:											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months											
Custody Seal No.:		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Cor'd:		Therm ID No.:	
Relinquished by: <u>Parsons</u>		Date/Time: <u>12/19/17</u>		Received by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 3:55pm</u>			
Relinquished by: <u>Justin King</u>		Date/Time: <u>12/19/17</u>		Received by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 1855</u>			
Relinquished by: <u>Justin King</u>		Date/Time: <u>12/19/17</u>		Received in Laboratory by: <u>Justin King</u>		Company: <u>1A-1</u>		Date/Time: <u>12/19/17 1855</u>			

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>Jessie King</u>		Site Contact: <u>N. Carlson</u>		Date: <u>12/19/17</u>		COC No: <u>7</u> of <u>9</u> COCs	
Company Name: <u>Parsons</u>		Tel/Fax: <u>616 440 6133</u>		Lab Contact: <u>A. M. M. M.</u>		Carrier:		Sampler:	
Address: <u>100 W Walnut St</u>		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		Sample Specific Notes:	
City/State/Zip: <u>Pasadena, CA 9124</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Type (C=Comp, G=Grab)		# of Cont.		For Lab Use Only:	
Phone: <u>616 440 6133</u>		TAT if different from Below <u>std</u>		Sample Date		Sample Time		Walk-in Client:	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		Lab Sampling:	
Project Name: <u>Reseda HS NEA</u>				Sample Date		Sample Time		Job / SDG No.:	
Site: <u>Reseda High School</u>				Sample Date		Sample Time			
P O #				Sample Date		Sample Time			
Sample Identification		Sample Date		Sample Time		Matrix		# of Cont.	
AOC1-B81-D0.5		12/19/17 1300		G		S		1	
AOC1-B81-D1.5		12/19/17 1305		G		S		1	
AOC1-B81-D2.5		12/19/17 1310		G		S		1	
AOC1-B78-D0.5		12/19/17 1315		G		S		1	
AOC1-B78-D1.5		12/19/17 1320		G		S		1	
AOC1-B78-D2.5		12/19/17 1325		G		S		1	
AOC1-B77-D0.5		12/19/17 1330		G		S		1	
AOC1-B77-D1.5		12/19/17 1335		G		S		1	
AOC1-B77-D2.5		12/19/17 1340		G		S		1	
AOC1-B76-D0.5		12/19/17 1345		G		S		1	
AOC1-B76-D1.5		12/19/17 1350		G		S		1	
AOC1-B76-D2.5		12/19/17 1355		G		S		1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Cor'd: _____		Therm ID No.:	
Relinquished by: <u>[Signature]</u>	Company: <u>Parsons</u>	Date/Time: <u>12/19/17</u>	Received by: <u>[Signature]</u>	Company: <u>DCS</u>	Date/Time: <u>12/19/17 3:05pm</u>		
Relinquished by: <u>[Signature]</u>	Company: <u>DCS</u>	Date/Time: <u>12/19/17</u>	Received by: <u>[Signature]</u>	Company: <u>TA-I</u>	Date/Time: <u>12/19/17 1805</u>		
Relinquished by: <u>[Signature]</u>	Company: <u>[Signature]</u>	Date/Time: <u>12/19/17</u>	Received in Laboratory by: <u>[Signature]</u>	Company: <u>TA-I</u>	Date/Time: <u>12/19/17 1805</u>		

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Phone: 949.261.1022 Fax:

Chain of Custody Record

181125

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: N. Paulson		Date: 12/19/17		COC No: 8 of 9 COCs	
Company Name: Parsons		Tel/Fax: 626 440 6133		Lab Contact: L. Mata		Carrier:		Sampler:	
Address: 104 W Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		Sample Specific Notes:	
City/State/Zip: Pasadena CA 91299		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
Phone: 626-440-6133		TAT if different from Below		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
Fax:		2 weeks		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
Project Name: Reseda HS PEA		1 week		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
Site: Reseda High School		2 days		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
P O #		1 day		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
AOC1-B22-D05		12/19/17 1900		G		S		1	
AOC1-B22-D15		12/19/17 1905		G		S		1	
AOC1-B22-D25		12/19/17 1910		G		S		1	
AOC1-B19-D05		12/19/17 1915		G		S		1	
AOC1-B19-D15		12/19/17 1920		G		S		1	
AOC1-B19-D25		12/19/17 1925		G		S		1	
AOC1-B20-D05		12/19/17 1930		G		S		1	
AOC1-B20-D15		12/19/17 1935		G		S		1	
AOC1-B20-D25		12/19/17 1940		G		S		1	
AOC1-B15-D05		12/19/17 1945		G		S		1	
AOC1-B15-D15		12/19/17 1950		G		S		1	
AOC1-B15-D25		12/19/17 1955		G		S		1	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other		1							
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/19/17		Received by: [Signature]		Company: OCS	
Relinquished by: [Signature]		Company: OCS		Date/Time: 12/19/17		Received by: [Signature]		Company: TA-I	
Relinquished by: [Signature]		Company:		Date/Time:		Received in Laboratory by: [Signature]		Date/Time: 12/19/17 1855	

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198799-2

Login Number: 198799

List Source: TestAmerica Irvine

List Number: 1

Creator: Avila, Stephanie 1

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	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: Parsons Corporation

Job Number: 440-198799-2

Login Number: 198799

List Source: TestAmerica Sacramento

List Number: 2

List Creation: 12/22/17 03:01 PM

Creator: Her, David A

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	3.3 C
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?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198799-2

Login Number: 198799

List Source: TestAmerica Sacramento

List Number: 3

List Creation: 12/28/17 11:55 AM

Creator: Hytrek, Cheryl

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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.	False	Cooler temperature outside required temperature criteria.
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?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	False	clear jars for dioxins
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

Method: 8290 - Dioxins and Furans (HRGC/HRMS)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TCDD (40-135)	TCDF (40-135)	PeCDD (40-135)	PeCDF (40-135)	HxDD (40-135)	HxCDF (40-135)	HpCDD (40-135)	HpCDF (40-135)
440-198799-49	AOC3-B1-D0.5	73	70	71	74	71	63	65	67
440-198799-52	AOC3-B1-D0.5-DUP	71	69	67	71	70	63	61	63
LCS 320-203363/2-A	Lab Control Sample	78	82	73	80	84	90	82	84
LCSD 320-203363/3-A	Lab Control Sample Dup	71	74	67	71	77	76	70	73
MB 320-203363/1-A	Method Blank	62	64	54	62	67	68	66	70

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OCDD (40-135)							
440-198799-49	AOC3-B1-D0.5	64							
440-198799-52	AOC3-B1-D0.5-DUP	60							
LCS 320-203363/2-A	Lab Control Sample	82							
LCSD 320-203363/3-A	Lab Control Sample Dup	75							
MB 320-203363/1-A	Method Blank	72							

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD
TCDF = 13C-2,3,7,8-TCDF
PeCDD = 13C-1,2,3,7,8-PeCDD
PeCDF = 13C-1,2,3,7,8-PeCDF
HxDD = 13C-1,2,3,6,7,8-HxCDD
HxCDF = 13C-1,2,3,4,7,8-HxCDF
HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
HpCDF = 13C-1,2,3,4,6,7,8-HpCDF
OCDD = 13C-OCDD

Method: 8290 - Dioxins and Furans (HRGC/HRMS)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TCDD (40-135)	TCDF (40-135)	PeCDD (40-135)	PeCDF (40-135)	HxDD (40-135)	HxCDF (40-135)	HpCDD (40-135)	HpCDF (40-135)
440-198799-12	E121917	87	90	100	91	84	99	99	92
LCS 320-203119/2-A	Lab Control Sample	87	87	88	89	83	93	95	88
LCSD 320-203119/3-A	Lab Control Sample Dup	87	87	96	88	82	96	96	88
MB 320-203119/1-A	Method Blank	88	89	91	88	86	97	95	87

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OCDD (40-135)							
440-198799-12	E121917	105							
LCS 320-203119/2-A	Lab Control Sample	101							
LCSD 320-203119/3-A	Lab Control Sample Dup	101							
MB 320-203119/1-A	Method Blank	99							

Surrogate Legend

TCDD = 13C-2,3,7,8-TCDD
TCDF = 13C-2,3,7,8-TCDF
PeCDD = 13C-1,2,3,7,8-PeCDD
PeCDF = 13C-1,2,3,7,8-PeCDF
HxDD = 13C-1,2,3,6,7,8-HxCDD

TestAmerica Irvine

Isotope Dilution Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-2

HxCDF = 13C-1,2,3,4,7,8-HxCDF
HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
HpCDF = 13C-1,2,3,4,6,7,8-HpCDF
OCDD = 13C-OCDD

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198876-1

Client Project/Site: LAUSD Reseda H.S., CA

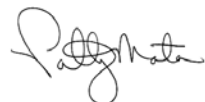
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/29/2017 3:33:41 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198876-1	AOC1-B21-D0.5	Solid	12/20/17 07:20	12/20/17 18:25
440-198876-4	AOC1-B21-D0.5DUP	Solid	12/20/17 07:20	12/20/17 18:25
440-198876-5	AOC1-B18-D0.5	Solid	12/20/17 07:35	12/20/17 18:25
440-198876-8	AOC1-B18-D0.5DUP	Solid	12/20/17 07:35	12/20/17 18:25
440-198876-9	AOC1-B17-D0.5	Solid	12/20/17 07:50	12/20/17 18:25
440-198876-12	E122017	Water	12/20/17 07:00	12/20/17 18:25
440-198876-13	AOC1-B16-D0.5	Solid	12/20/17 08:05	12/20/17 18:25
440-198876-16	AOC1-B14-D0.5	Solid	12/20/17 08:20	12/20/17 18:25
440-198876-19	AOC1-B28-D0.5	Solid	12/20/17 08:35	12/20/17 18:25
440-198876-22	AOC2-B2-D0.5	Solid	12/20/17 08:50	12/20/17 18:25
440-198876-25	AOC2-B1-D0.5	Solid	12/20/17 09:05	12/20/17 18:25
440-198876-28	AOC2-B1-D0.5DUP	Solid	12/20/17 09:05	12/20/17 18:25
440-198876-29	AOC1-B29-D0.5	Solid	12/20/17 09:10	12/20/17 18:25
440-198876-32	AOC1-B26-D0.5	Solid	12/20/17 09:25	12/20/17 18:25
440-198876-35	AOC1-B28-D0.5DUP	Solid	12/20/17 08:35	12/20/17 18:25
440-198876-36	AOC1-B25-D0.5	Solid	12/20/17 09:40	12/20/17 18:25
440-198876-39	AOC1-B24-D0.5	Solid	12/20/17 09:55	12/20/17 18:25
440-198876-42	AOC1-B27-D0.5	Solid	12/20/17 10:10	12/20/17 18:25
440-198876-45	AOC1-B23-D0.5	Solid	12/20/17 10:25	12/20/17 18:25
440-198876-48	AOC1-B12-D0.5	Solid	12/20/17 10:40	12/20/17 18:25
440-198876-51	AOC1-B11-D0.5	Solid	12/20/17 10:55	12/20/17 18:25
440-198876-54	AOC1-B10-D0.5	Solid	12/20/17 11:10	12/20/17 18:25
440-198876-57	AOC1-B9-D0.5	Solid	12/20/17 11:25	12/20/17 18:25
440-198876-60	AOC1-B6-D0.5	Solid	12/20/17 11:40	12/20/17 18:25
440-198876-63	AOC1-B3-D0.5	Solid	12/20/17 11:55	12/20/17 18:25
440-198876-66	AOC1-B2-D0.5	Solid	12/20/17 12:10	12/20/17 18:25
440-198876-69	AOC1-B1-D0.5	Solid	12/20/17 12:25	12/20/17 18:25
440-198876-72	AOC1-B4-D0.5	Solid	12/20/17 12:40	12/20/17 18:25
440-198876-75	AOC1-B5-D0.5	Solid	12/20/17 12:55	12/20/17 18:25
440-198876-78	AOC1-B8-D0.5	Solid	12/20/17 13:10	12/20/17 18:25
440-198876-81	AOC1-B13-D0.5	Solid	12/20/17 13:25	12/20/17 18:25
440-198876-84	AOC1-B94-D0.5	Solid	12/20/17 13:40	12/20/17 18:25
440-198876-87	AOC1-B97-D0.5	Solid	12/20/17 13:55	12/20/17 18:25
440-198876-90	AOC1-B96-D0.5	Solid	12/20/17 14:10	12/20/17 18:25
440-198876-93	AOC1-B95-D0.5	Solid	12/20/17 14:25	12/20/17 18:25
440-198876-96	AOC1-B93-D0.5	Solid	12/20/17 14:40	12/20/17 18:25

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Job ID: 440-198876-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198876-1

Comments

No additional comments.

Receipt

The samples were received on 12/20/2017 6:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 2.7° C.

Receipt Exceptions

The following samples were received at the laboratory without a sample collection date documented on the chain of custody: AOC1-B4-D0.5 (440-198876-72), AOC1-B4-D1.5 (440-198876-73), AOC1-B4-D2.5 (440-198876-74), AOC1-B5-D0.5 (440-198876-75), AOC1-B5-D1.5 (440-198876-76), AOC1-B5-D2.5 (440-198876-77), AOC1-B8-D0.5 (440-198876-78), AOC1-B8-D1.5 (440-198876-79), AOC1-B8-D2.5 (440-198876-80), AOC1-B13-D0.5 (440-198876-81) and AOC1-B13-D1.5 (440-198876-82). The client was contacted and sampling date of 12/20/17 was confirmed.

GC Semi VOA

Method(s) 8081A, 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-448247. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C / 8081A / 8082: Elevated reporting limits are provided for the following sample due to insufficient sample volume (less than 250ml) provided for preparation: E122017 (440-198876-12).

Method(s) 3546 / 8082: The following samples had smaller initial amount used due to the nature of the sample matrix: AOC1-B21-D0.5 (440-198876-1), AOC1-B21-D0.5DUP (440-198876-4), AOC1-B18-D0.5 (440-198876-5), AOC1-B18-D0.5DUP (440-198876-8), AOC1-B17-D0.5 (440-198876-9), AOC1-B28-D0.5 (440-198876-19), AOC2-B2-D0.5 (440-198876-22), AOC2-B1-D0.5 (440-198876-25), AOC1-B12-D0.5 (440-198876-48). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B21-D0.5

Lab Sample ID: 440-198876-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1260	65	J	100	35	ug/Kg	1		8082	Total/NA
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	33		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B21-D0.5DUP

Lab Sample ID: 440-198876-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor 1260	44	J	100	35	ug/Kg	1		8082	Total/NA
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	41		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B18-D0.5

Lab Sample ID: 440-198876-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	5.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B18-D0.5DUP

Lab Sample ID: 440-198876-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	5.8		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B17-D0.5

Lab Sample ID: 440-198876-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.9		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: E122017

Lab Sample ID: 440-198876-12

No Detections.

Client Sample ID: AOC1-B16-D0.5

Lab Sample ID: 440-198876-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	7.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B14-D0.5

Lab Sample ID: 440-198876-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	17		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B28-D0.5

Lab Sample ID: 440-198876-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.3		2.0	1.0	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC2-B2-D0.5

Lab Sample ID: 440-198876-22

No Detections.

Client Sample ID: AOC2-B1-D0.5

Lab Sample ID: 440-198876-25

No Detections.

Client Sample ID: AOC2-B1-D0.5DUP

Lab Sample ID: 440-198876-28

No Detections.

Client Sample ID: AOC1-B29-D0.5

Lab Sample ID: 440-198876-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	7.6		3.0	1.5	mg/Kg	5			6010B	Total/NA
Lead	7.4		2.0	1.0	mg/Kg	5			6010B	Total/NA

Client Sample ID: AOC1-B26-D0.5

Lab Sample ID: 440-198876-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	9.2		3.0	1.5	mg/Kg	5			6010B	Total/NA
Lead	13		2.0	1.0	mg/Kg	5			6010B	Total/NA

Client Sample ID: AOC1-B28-D0.5DUP

Lab Sample ID: 440-198876-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	8.4		3.0	1.5	mg/Kg	5			6010B	Total/NA
Lead	8.4		2.0	1.0	mg/Kg	5			6010B	Total/NA

Client Sample ID: AOC1-B25-D0.5

Lab Sample ID: 440-198876-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	5.9		3.0	1.5	mg/Kg	5			6010B	Total/NA
Lead	6.5		2.0	1.0	mg/Kg	5			6010B	Total/NA

Client Sample ID: AOC1-B24-D0.5

Lab Sample ID: 440-198876-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	9.7		3.0	1.5	mg/Kg	5			6010B	Total/NA
Lead	8.8		2.0	1.0	mg/Kg	5			6010B	Total/NA

Client Sample ID: AOC1-B27-D0.5

Lab Sample ID: 440-198876-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5			6010B	Total/NA
Lead	8.6		2.0	1.0	mg/Kg	5			6010B	Total/NA

Client Sample ID: AOC1-B23-D0.5

Lab Sample ID: 440-198876-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	8.5		3.0	1.5	mg/Kg	5			6010B	Total/NA
Lead	8.6		2.0	1.0	mg/Kg	5			6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B12-D0.5

Lab Sample ID: 440-198876-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	12		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B11-D0.5

Lab Sample ID: 440-198876-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	11		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-D0.5

Lab Sample ID: 440-198876-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	32		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	18		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B9-D0.5

Lab Sample ID: 440-198876-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.9		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-D0.5

Lab Sample ID: 440-198876-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	170		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B3-D0.5

Lab Sample ID: 440-198876-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	32		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B2-D0.5

Lab Sample ID: 440-198876-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	66		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-D0.5

Lab Sample ID: 440-198876-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	55		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B4-D0.5

Lab Sample ID: 440-198876-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	14		2.0	1.0	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B5-D0.5

Lab Sample ID: 440-198876-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	11		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-D0.5

Lab Sample ID: 440-198876-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	73		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B13-D0.5

Lab Sample ID: 440-198876-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	29		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B94-D0.5

Lab Sample ID: 440-198876-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.4		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B97-D0.5

Lab Sample ID: 440-198876-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	19		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B96-D0.5

Lab Sample ID: 440-198876-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	12		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B95-D0.5

Lab Sample ID: 440-198876-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	7.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B93-D0.5

Lab Sample ID: 440-198876-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.0		2.0	0.99	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B21-D0.5

Lab Sample ID: 440-198876-1

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:15	1
Aroclor 1221	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:15	1
Aroclor 1232	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:15	1
Aroclor 1242	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:15	1
Aroclor 1248	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:15	1
Aroclor 1254	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:15	1
Aroclor 1260	65	J	100	35	ug/Kg		12/21/17 18:27	12/22/17 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	70		45 - 120	12/21/17 18:27	12/22/17 13:15	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 16:46	5
Lead	33		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 16:46	5

Client Sample ID: AOC1-B21-D0.5DUP

Lab Sample ID: 440-198876-4

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:28	1
Aroclor 1221	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:28	1
Aroclor 1232	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:28	1
Aroclor 1242	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:28	1
Aroclor 1248	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:28	1
Aroclor 1254	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 13:28	1
Aroclor 1260	44	J	100	35	ug/Kg		12/21/17 18:27	12/22/17 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	69		45 - 120	12/21/17 18:27	12/22/17 13:28	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:03	5
Lead	41		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:03	5

Client Sample ID: AOC1-B18-D0.5

Lab Sample ID: 440-198876-5

Date Collected: 12/20/17 07:35

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 13:42	1
Aroclor 1221	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 13:42	1
Aroclor 1232	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 13:42	1
Aroclor 1242	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 13:42	1
Aroclor 1248	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 13:42	1
Aroclor 1254	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 13:42	1
Aroclor 1260	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 13:42	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	60		45 - 120	12/21/17 18:27	12/22/17 13:42	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:05	5
Lead	5.0		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:05	5

Client Sample ID: AOC1-B18-D0.5DUP

Lab Sample ID: 440-198876-8

Date Collected: 12/20/17 07:35

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	36	ug/Kg		12/21/17 18:27	12/22/17 13:56	1
Aroclor 1221	ND		100	36	ug/Kg		12/21/17 18:27	12/22/17 13:56	1
Aroclor 1232	ND		100	36	ug/Kg		12/21/17 18:27	12/22/17 13:56	1
Aroclor 1242	ND		100	36	ug/Kg		12/21/17 18:27	12/22/17 13:56	1
Aroclor 1248	ND		100	36	ug/Kg		12/21/17 18:27	12/22/17 13:56	1
Aroclor 1254	ND		100	36	ug/Kg		12/21/17 18:27	12/22/17 13:56	1
Aroclor 1260	ND		100	36	ug/Kg		12/21/17 18:27	12/22/17 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	77		45 - 120	12/21/17 18:27	12/22/17 13:56	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:07	5
Lead	5.8		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:07	5

Client Sample ID: AOC1-B17-D0.5

Lab Sample ID: 440-198876-9

Date Collected: 12/20/17 07:50

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:10	1
Aroclor 1221	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:10	1
Aroclor 1232	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:10	1
Aroclor 1242	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:10	1
Aroclor 1248	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:10	1
Aroclor 1254	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:10	1
Aroclor 1260	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	86		45 - 120	12/21/17 18:27	12/22/17 14:10	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:09	5
Lead	9.9		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:09	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: E122017

Lab Sample ID: 440-198876-12

Date Collected: 12/20/17 07:00

Matrix: Water

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
4,4'-DDE	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
4,4'-DDT	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Aldrin	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
alpha-BHC	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
beta-BHC	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Chlordane (technical)	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 18:17	1
delta-BHC	ND		0.21	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Dieldrin	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Endosulfan I	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Endosulfan II	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Endosulfan sulfate	ND		0.21	0.11	ug/L		12/22/17 06:34	12/22/17 18:17	1
Endrin	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Endrin aldehyde	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Endrin ketone	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
gamma-BHC (Lindane)	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Heptachlor	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Heptachlor epoxide	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Methoxychlor	ND		0.11	0.053	ug/L		12/22/17 06:34	12/22/17 18:17	1
Toxaphene	ND		5.3	2.7	ug/L		12/22/17 06:34	12/22/17 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	42		19 - 115	12/22/17 06:34	12/22/17 18:17	1
DCB Decachlorobiphenyl (Surr)	75		10 - 149	12/22/17 06:34	12/22/17 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 16:46	1
Aroclor 1221	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 16:46	1
Aroclor 1232	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 16:46	1
Aroclor 1242	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 16:46	1
Aroclor 1248	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 16:46	1
Aroclor 1254	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 16:46	1
Aroclor 1260	ND		1.1	0.53	ug/L		12/22/17 06:34	12/22/17 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	79		26 - 115	12/22/17 06:34	12/22/17 16:46	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		12/27/17 07:45	12/27/17 17:19	1
Lead	ND		0.0050	0.0038	mg/L		12/27/17 07:45	12/27/17 17:19	1

Client Sample ID: AOC1-B16-D0.5

Lab Sample ID: 440-198876-13

Date Collected: 12/20/17 08:05

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:11	5
Lead	7.0		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:11	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B14-D0.5

Lab Sample ID: 440-198876-16

Date Collected: 12/20/17 08:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.7		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:13	5
Lead	17		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:13	5

Client Sample ID: AOC1-B28-D0.5

Lab Sample ID: 440-198876-19

Date Collected: 12/20/17 08:35

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 14:23	1
Aroclor 1221	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 14:23	1
Aroclor 1232	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 14:23	1
Aroclor 1242	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 14:23	1
Aroclor 1248	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 14:23	1
Aroclor 1254	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 14:23	1
Aroclor 1260	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 14:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	75		45 - 120	12/21/17 18:27	12/22/17 14:23	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:15	5
Lead	9.3		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:15	5

Client Sample ID: AOC2-B2-D0.5

Lab Sample ID: 440-198876-22

Date Collected: 12/20/17 08:50

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 15:04	1
Aroclor 1221	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 15:04	1
Aroclor 1232	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 15:04	1
Aroclor 1242	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 15:04	1
Aroclor 1248	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 15:04	1
Aroclor 1254	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 15:04	1
Aroclor 1260	ND		110	36	ug/Kg		12/21/17 18:27	12/22/17 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	66		45 - 120	12/21/17 18:27	12/22/17 15:04	1

Client Sample ID: AOC2-B1-D0.5

Lab Sample ID: 440-198876-25

Date Collected: 12/20/17 09:05

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 15:18	1
Aroclor 1221	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 15:18	1
Aroclor 1232	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 15:18	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC2-B1-D0.5

Lab Sample ID: 440-198876-25

Date Collected: 12/20/17 09:05

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 15:18	1
Aroclor 1248	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 15:18	1
Aroclor 1254	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 15:18	1
Aroclor 1260	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 15:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	78		45 - 120				12/21/17 18:27	12/22/17 15:18	1

Client Sample ID: AOC2-B1-D0.5DUP

Lab Sample ID: 440-198876-28

Date Collected: 12/20/17 09:05

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:32	1
Aroclor 1221	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:32	1
Aroclor 1232	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:32	1
Aroclor 1242	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:32	1
Aroclor 1248	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:32	1
Aroclor 1254	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:32	1
Aroclor 1260	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	83		45 - 120				12/21/17 18:27	12/22/17 15:32	1

Client Sample ID: AOC1-B29-D0.5

Lab Sample ID: 440-198876-29

Date Collected: 12/20/17 09:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.6		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:23	5
Lead	7.4		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:23	5

Client Sample ID: AOC1-B26-D0.5

Lab Sample ID: 440-198876-32

Date Collected: 12/20/17 09:25

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.2		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:25	5
Lead	13		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:25	5

Client Sample ID: AOC1-B28-D0.5DUP

Lab Sample ID: 440-198876-35

Date Collected: 12/20/17 08:35

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:27	5
Lead	8.4		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:27	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B25-D0.5

Lab Sample ID: 440-198876-36

Date Collected: 12/20/17 09:40

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg	-	12/21/17 18:27	12/22/17 14:37	1
Aroclor 1221	ND		49	17	ug/Kg	-	12/21/17 18:27	12/22/17 14:37	1
Aroclor 1232	ND		49	17	ug/Kg	-	12/21/17 18:27	12/22/17 14:37	1
Aroclor 1242	ND		49	17	ug/Kg	-	12/21/17 18:27	12/22/17 14:37	1
Aroclor 1248	ND		49	17	ug/Kg	-	12/21/17 18:27	12/22/17 14:37	1
Aroclor 1254	ND		49	17	ug/Kg	-	12/21/17 18:27	12/22/17 14:37	1
Aroclor 1260	ND		49	17	ug/Kg	-	12/21/17 18:27	12/22/17 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	82		45 - 120	12/21/17 18:27	12/22/17 14:37	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		3.0	1.5	mg/Kg	-	12/22/17 16:43	12/26/17 17:29	5
Lead	6.5		2.0	1.0	mg/Kg	-	12/22/17 16:43	12/26/17 17:29	5

Client Sample ID: AOC1-B24-D0.5

Lab Sample ID: 440-198876-39

Date Collected: 12/20/17 09:55

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.7		3.0	1.5	mg/Kg	-	12/22/17 16:43	12/26/17 17:32	5
Lead	8.8		2.0	1.0	mg/Kg	-	12/22/17 16:43	12/26/17 17:32	5

Client Sample ID: AOC1-B27-D0.5

Lab Sample ID: 440-198876-42

Date Collected: 12/20/17 10:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg	-	12/22/17 16:43	12/26/17 17:34	5
Lead	8.6		2.0	1.0	mg/Kg	-	12/22/17 16:43	12/26/17 17:34	5

Client Sample ID: AOC1-B23-D0.5

Lab Sample ID: 440-198876-45

Date Collected: 12/20/17 10:25

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.5		3.0	1.5	mg/Kg	-	12/22/17 16:43	12/26/17 17:36	5
Lead	8.6		2.0	1.0	mg/Kg	-	12/22/17 16:43	12/26/17 17:36	5

Client Sample ID: AOC1-B12-D0.5

Lab Sample ID: 440-198876-48

Date Collected: 12/20/17 10:40

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		100	35	ug/Kg	-	12/21/17 18:27	12/22/17 14:51	1
Aroclor 1221	ND		100	35	ug/Kg	-	12/21/17 18:27	12/22/17 14:51	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B12-D0.5

Lab Sample ID: 440-198876-48

Date Collected: 12/20/17 10:40

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:51	1
Aroclor 1242	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:51	1
Aroclor 1248	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:51	1
Aroclor 1254	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:51	1
Aroclor 1260	ND		100	35	ug/Kg		12/21/17 18:27	12/22/17 14:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	64		45 - 120	12/21/17 18:27	12/22/17 14:51	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.7		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:38	5
Lead	12		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:38	5

Client Sample ID: AOC1-B11-D0.5

Lab Sample ID: 440-198876-51

Date Collected: 12/20/17 10:55

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:40	5
Lead	11		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:40	5

Client Sample ID: AOC1-B10-D0.5

Lab Sample ID: 440-198876-54

Date Collected: 12/20/17 11:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	32		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:42	5
Lead	18		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:42	5

Client Sample ID: AOC1-B9-D0.5

Lab Sample ID: 440-198876-57

Date Collected: 12/20/17 11:25

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:50	5
Lead	6.9		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:50	5

Client Sample ID: AOC1-B6-D0.5

Lab Sample ID: 440-198876-60

Date Collected: 12/20/17 11:40

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 17:52	5
Lead	170		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 17:52	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B3-D0.5

Lab Sample ID: 440-198876-63

Date Collected: 12/20/17 11:55

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:05	5
Lead	32		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:05	5

Client Sample ID: AOC1-B2-D0.5

Lab Sample ID: 440-198876-66

Date Collected: 12/20/17 12:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:15	5
Lead	66		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:15	5

Client Sample ID: AOC1-B1-D0.5

Lab Sample ID: 440-198876-69

Date Collected: 12/20/17 12:25

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:18	5
Lead	55		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:18	5

Client Sample ID: AOC1-B4-D0.5

Lab Sample ID: 440-198876-72

Date Collected: 12/20/17 12:40

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:20	5
Lead	14		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:20	5

Client Sample ID: AOC1-B5-D0.5

Lab Sample ID: 440-198876-75

Date Collected: 12/20/17 12:55

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:27	5
Lead	11		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:27	5

Client Sample ID: AOC1-B8-D0.5

Lab Sample ID: 440-198876-78

Date Collected: 12/20/17 13:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:29	5
Lead	73		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:29	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B13-D0.5

Lab Sample ID: 440-198876-81

Date Collected: 12/20/17 13:25

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:31	5
Lead	29		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:31	5

Client Sample ID: AOC1-B94-D0.5

Lab Sample ID: 440-198876-84

Date Collected: 12/20/17 13:40

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:33	5
Lead	6.4		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:33	5

Client Sample ID: AOC1-B97-D0.5

Lab Sample ID: 440-198876-87

Date Collected: 12/20/17 13:55

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.5		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:35	5
Lead	19		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:35	5

Client Sample ID: AOC1-B96-D0.5

Lab Sample ID: 440-198876-90

Date Collected: 12/20/17 14:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:38	5
Lead	12		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:38	5

Client Sample ID: AOC1-B95-D0.5

Lab Sample ID: 440-198876-93

Date Collected: 12/20/17 14:25

Matrix: Solid

Date Received: 12/20/17 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:46	1
Aroclor 1221	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:46	1
Aroclor 1232	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:46	1
Aroclor 1242	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:46	1
Aroclor 1248	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:46	1
Aroclor 1254	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:46	1
Aroclor 1260	ND		49	17	ug/Kg		12/21/17 18:27	12/22/17 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		45 - 120	12/21/17 18:27	12/22/17 15:46	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:40	5
Lead	7.0		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:40	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B93-D0.5

Lab Sample ID: 440-198876-96

Date Collected: 12/20/17 14:40

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg		12/28/17 07:42	12/28/17 14:11	5
Lead	9.0		2.0	0.99	mg/Kg		12/28/17 07:42	12/28/17 14:11	5

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (19-115)	DCB2 (10-149)
440-198876-12	E122017	42	75
LCS 440-448247/2-A	Lab Control Sample	54	76
LCSD 440-448247/3-A	Lab Control Sample Dup	66	82
MB 440-448247/1-A	Method Blank	50	81
Surrogate Legend			
TCX = Tetrachloro-m-xylene			
DCB = DCB Decachlorobiphenyl (Surr)			

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	DCB2 (45-120)					
440-198876-1	AOC1-B21-D0.5	70					
440-198876-1 MS	AOC1-B21-D0.5	52					
440-198876-1 MSD	AOC1-B21-D0.5	54					
440-198876-4	AOC1-B21-D0.5DUP	69					
440-198876-5	AOC1-B18-D0.5	60					
440-198876-8	AOC1-B18-D0.5DUP	77					
440-198876-9	AOC1-B17-D0.5	86					
440-198876-19	AOC1-B28-D0.5	75					
440-198876-22	AOC2-B2-D0.5	66					
440-198876-25	AOC2-B1-D0.5	78					
440-198876-28	AOC2-B1-D0.5DUP	83					
440-198876-36	AOC1-B25-D0.5	82					
440-198876-48	AOC1-B12-D0.5	64					
440-198876-93	AOC1-B95-D0.5	88					
LCS 440-448186/2-A	Lab Control Sample	93					
MB 440-448186/1-A	Method Blank	92					
Surrogate Legend							
DCB = DCB Decachlorobiphenyl (Surr)							

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	DCB2 (26-115)					
440-198876-12	E122017	79					
LCS 440-448247/4-A	Lab Control Sample	82					
LCSD 440-448247/5-A	Lab Control Sample Dup	84					
MB 440-448247/1-A	Method Blank	89					
Surrogate Legend							
DCB = DCB Decachlorobiphenyl (Surr)							

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B21-D0.5

Date Collected: 12/20/17 07:20

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.23 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1	1 mL	1.0 mL	448269	12/22/17 13:15	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 16:46	K1E	TAL IRV

Client Sample ID: AOC1-B21-D0.5DUP

Date Collected: 12/20/17 07:20

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.37 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 13:28	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:03	K1E	TAL IRV

Client Sample ID: AOC1-B18-D0.5

Date Collected: 12/20/17 07:35

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.09 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 13:42	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:05	K1E	TAL IRV

Client Sample ID: AOC1-B18-D0.5DUP

Date Collected: 12/20/17 07:35

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.15 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 13:56	JM	TAL IRV
Total/NA	Prep	3050B			1.99 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:07	K1E	TAL IRV

Client Sample ID: AOC1-B17-D0.5

Date Collected: 12/20/17 07:50

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.27 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 14:10	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B17-D0.5

Lab Sample ID: 440-198876-9

Date Collected: 12/20/17 07:50

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5			448647	12/26/17 17:09	K1E	TAL IRV

Client Sample ID: E122017

Lab Sample ID: 440-198876-12

Date Collected: 12/20/17 07:00

Matrix: Water

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			235 mL	2 mL	448247	12/22/17 06:34	L2A	TAL IRV
Total/NA	Analysis	8081A		1			448340	12/22/17 18:17	D1D	TAL IRV
Total/NA	Prep	3510C			235 mL	2 mL	448247	12/22/17 06:34	L2A	TAL IRV
Total/NA	Analysis	8082		1			448300	12/22/17 16:46	JM	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	448713	12/27/17 07:45	JL	TAL IRV
Total Recoverable	Analysis	6010B		1			448882	12/27/17 17:19	K1E	TAL IRV

Client Sample ID: AOC1-B16-D0.5

Lab Sample ID: 440-198876-13

Date Collected: 12/20/17 08:05

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:11	K1E	TAL IRV

Client Sample ID: AOC1-B14-D0.5

Lab Sample ID: 440-198876-16

Date Collected: 12/20/17 08:20

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:13	K1E	TAL IRV

Client Sample ID: AOC1-B28-D0.5

Lab Sample ID: 440-198876-19

Date Collected: 12/20/17 08:35

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.10 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1	1 mL	1.0 mL	448269	12/22/17 14:23	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:15	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC2-B2-D0.5

Lab Sample ID: 440-198876-22

Date Collected: 12/20/17 08:50

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.00 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 15:04	JM	TAL IRV

Client Sample ID: AOC2-B1-D0.5

Lab Sample ID: 440-198876-25

Date Collected: 12/20/17 09:05

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.36 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 15:18	JM	TAL IRV

Client Sample ID: AOC2-B1-D0.5DUP

Lab Sample ID: 440-198876-28

Date Collected: 12/20/17 09:05

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.29 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 15:32	JM	TAL IRV

Client Sample ID: AOC1-B29-D0.5

Lab Sample ID: 440-198876-29

Date Collected: 12/20/17 09:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:23	K1E	TAL IRV

Client Sample ID: AOC1-B26-D0.5

Lab Sample ID: 440-198876-32

Date Collected: 12/20/17 09:25

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:25	K1E	TAL IRV

Client Sample ID: AOC1-B28-D0.5DUP

Lab Sample ID: 440-198876-35

Date Collected: 12/20/17 08:35

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:27	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B25-D0.5

Lab Sample ID: 440-198876-36

Date Collected: 12/20/17 09:40

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.29 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 14:37	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:29	K1E	TAL IRV

Client Sample ID: AOC1-B24-D0.5

Lab Sample ID: 440-198876-39

Date Collected: 12/20/17 09:55

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:32	K1E	TAL IRV

Client Sample ID: AOC1-B27-D0.5

Lab Sample ID: 440-198876-42

Date Collected: 12/20/17 10:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:34	K1E	TAL IRV

Client Sample ID: AOC1-B23-D0.5

Lab Sample ID: 440-198876-45

Date Collected: 12/20/17 10:25

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:36	K1E	TAL IRV

Client Sample ID: AOC1-B12-D0.5

Lab Sample ID: 440-198876-48

Date Collected: 12/20/17 10:40

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			7.29 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 14:51	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:38	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B11-D0.5

Lab Sample ID: 440-198876-51

Date Collected: 12/20/17 10:55

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:40	K1E	TAL IRV

Client Sample ID: AOC1-B10-D0.5

Lab Sample ID: 440-198876-54

Date Collected: 12/20/17 11:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:42	K1E	TAL IRV

Client Sample ID: AOC1-B9-D0.5

Lab Sample ID: 440-198876-57

Date Collected: 12/20/17 11:25

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:50	K1E	TAL IRV

Client Sample ID: AOC1-B6-D0.5

Lab Sample ID: 440-198876-60

Date Collected: 12/20/17 11:40

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448389	12/22/17 16:43	DT	TAL IRV
Total/NA	Analysis	6010B		5			448647	12/26/17 17:52	K1E	TAL IRV

Client Sample ID: AOC1-B3-D0.5

Lab Sample ID: 440-198876-63

Date Collected: 12/20/17 11:55

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:05	K1E	TAL IRV

Client Sample ID: AOC1-B2-D0.5

Lab Sample ID: 440-198876-66

Date Collected: 12/20/17 12:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:15	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B1-D0.5

Lab Sample ID: 440-198876-69

Date Collected: 12/20/17 12:25

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:18	K1E	TAL IRV

Client Sample ID: AOC1-B4-D0.5

Lab Sample ID: 440-198876-72

Date Collected: 12/20/17 12:40

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:20	K1E	TAL IRV

Client Sample ID: AOC1-B5-D0.5

Lab Sample ID: 440-198876-75

Date Collected: 12/20/17 12:55

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:27	K1E	TAL IRV

Client Sample ID: AOC1-B8-D0.5

Lab Sample ID: 440-198876-78

Date Collected: 12/20/17 13:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:29	K1E	TAL IRV

Client Sample ID: AOC1-B13-D0.5

Lab Sample ID: 440-198876-81

Date Collected: 12/20/17 13:25

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:31	K1E	TAL IRV

Client Sample ID: AOC1-B94-D0.5

Lab Sample ID: 440-198876-84

Date Collected: 12/20/17 13:40

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:33	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Client Sample ID: AOC1-B97-D0.5

Lab Sample ID: 440-198876-87

Date Collected: 12/20/17 13:55

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:35	K1E	TAL IRV

Client Sample ID: AOC1-B96-D0.5

Lab Sample ID: 440-198876-90

Date Collected: 12/20/17 14:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:38	K1E	TAL IRV

Client Sample ID: AOC1-B95-D0.5

Lab Sample ID: 440-198876-93

Date Collected: 12/20/17 14:25

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.23 g	2 mL	448186	12/21/17 18:27	VA	TAL IRV
Total/NA	Analysis	8082		1			448269	12/22/17 15:46	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448397	12/22/17 17:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			448635	12/26/17 14:40	K1E	TAL IRV

Client Sample ID: AOC1-B93-D0.5

Lab Sample ID: 440-198876-96

Date Collected: 12/20/17 14:40

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448954	12/28/17 07:42	DT	TAL IRV
Total/NA	Analysis	6010B		5			449088	12/28/17 14:11	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-448247/1-A

Matrix: Water

Analysis Batch: 448340

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
4,4'-DDE	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
4,4'-DDT	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Aldrin	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
alpha-BHC	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
beta-BHC	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Chlordane (technical)	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 17:03	1
delta-BHC	ND		0.20	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Dieldrin	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Endosulfan I	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Endosulfan II	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Endosulfan sulfate	ND		0.20	0.10	ug/L		12/22/17 06:34	12/22/17 17:03	1
Endrin	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Endrin aldehyde	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Endrin ketone	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
gamma-BHC (Lindane)	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Heptachlor	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Heptachlor epoxide	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Methoxychlor	ND		0.10	0.050	ug/L		12/22/17 06:34	12/22/17 17:03	1
Toxaphene	ND		5.0	2.5	ug/L		12/22/17 06:34	12/22/17 17:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	50		19 - 115				12/22/17 06:34	12/22/17 17:03	1
DCB Decachlorobiphenyl (Surr)	81		10 - 149				12/22/17 06:34	12/22/17 17:03	1

Lab Sample ID: LCS 440-448247/2-A

Matrix: Water

Analysis Batch: 448340

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.343		ug/L		86	63 - 141
4,4'-DDE	0.400	0.322		ug/L		81	44 - 135
4,4'-DDT	0.400	0.357		ug/L		89	51 - 125
Aldrin	0.400	0.247		ug/L		62	26 - 115
alpha-BHC	0.400	0.236		ug/L		59	57 - 115
beta-BHC	0.400	0.307		ug/L		77	57 - 115
delta-BHC	0.400	0.290		ug/L		73	47 - 122
Dieldrin	0.400	0.332		ug/L		83	57 - 115
Endosulfan I	0.400	0.316		ug/L		79	54 - 115
Endosulfan II	0.400	0.323		ug/L		81	45 - 122
Endosulfan sulfate	0.400	0.339		ug/L		85	56 - 115
Endrin	0.400	0.315		ug/L		79	64 - 115
Endrin aldehyde	0.400	0.314		ug/L		79	39 - 121
Endrin ketone	0.400	0.330		ug/L		82	34 - 150
gamma-BHC (Lindane)	0.400	0.258		ug/L		65	59 - 115
Heptachlor	0.400	0.221		ug/L		55	44 - 120
Heptachlor epoxide	0.400	0.296		ug/L		74	57 - 115
Methoxychlor	0.400	0.363		ug/L		91	44 - 150

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	54		19 - 115
DCB Decachlorobiphenyl (Surr)	76		10 - 149

Lab Sample ID: LCSD 440-448247/3-A

Matrix: Water

Analysis Batch: 448340

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448247

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.400	0.367		ug/L		92	63 - 141	7	27
4,4'-DDE	0.400	0.343		ug/L		86	44 - 135	6	35
4,4'-DDT	0.400	0.382		ug/L		95	51 - 125	7	32
Aldrin	0.400	0.273		ug/L		68	26 - 115	10	25
alpha-BHC	0.400	0.270		ug/L		67	57 - 115	13	19
beta-BHC	0.400	0.343		ug/L		86	57 - 115	11	26
delta-BHC	0.400	0.299		ug/L		75	47 - 122	3	20
Dieldrin	0.400	0.354		ug/L		88	57 - 115	6	22
Endosulfan I	0.400	0.339		ug/L		85	54 - 115	7	20
Endosulfan II	0.400	0.344		ug/L		86	45 - 122	6	35
Endosulfan sulfate	0.400	0.355		ug/L		89	56 - 115	5	22
Endrin	0.400	0.337		ug/L		84	64 - 115	7	23
Endrin aldehyde	0.400	0.337		ug/L		84	39 - 121	7	30
Endrin ketone	0.400	0.349		ug/L		87	34 - 150	6	27
gamma-BHC (Lindane)	0.400	0.285		ug/L		71	59 - 115	10	17
Heptachlor	0.400	0.263		ug/L		66	44 - 120	17	24
Heptachlor epoxide	0.400	0.322		ug/L		81	57 - 115	9	23
Methoxychlor	0.400	0.387		ug/L		97	44 - 150	6	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	66		19 - 115
DCB Decachlorobiphenyl (Surr)	82		10 - 149

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

Lab Sample ID: MB 440-448186/1-A

Matrix: Solid

Analysis Batch: 448269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/21/17 18:27	12/22/17 12:20	1
Aroclor 1221	ND		50	17	ug/Kg		12/21/17 18:27	12/22/17 12:20	1
Aroclor 1232	ND		50	17	ug/Kg		12/21/17 18:27	12/22/17 12:20	1
Aroclor 1242	ND		50	17	ug/Kg		12/21/17 18:27	12/22/17 12:20	1
Aroclor 1248	ND		50	17	ug/Kg		12/21/17 18:27	12/22/17 12:20	1
Aroclor 1254	ND		50	17	ug/Kg		12/21/17 18:27	12/22/17 12:20	1
Aroclor 1260	ND		50	17	ug/Kg		12/21/17 18:27	12/22/17 12:20	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
DCB Decachlorobiphenyl (Surr)	92		45 - 120	12/21/17 18:27	12/22/17 12:20	1			

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

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

Lab Sample ID: LCS 440-448186/2-A

Matrix: Solid

Analysis Batch: 448269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	267	283		ug/Kg		106	65 - 115
Aroclor 1260	267	284		ug/Kg		107	65 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	93		45 - 120

Lab Sample ID: 440-198876-1 MS

Matrix: Solid

Analysis Batch: 448269

Client Sample ID: AOC1-B21-D0.5

Prep Type: Total/NA

Prep Batch: 448186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	ND		567	376		ug/Kg		66	50 - 120
Aroclor 1260	65	J	567	361		ug/Kg		52	50 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	52		45 - 120

Lab Sample ID: 440-198876-1 MSD

Matrix: Solid

Analysis Batch: 448269

Client Sample ID: AOC1-B21-D0.5

Prep Type: Total/NA

Prep Batch: 448186

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aroclor 1016	ND		546	365		ug/Kg		67	50 - 120	3	30
Aroclor 1260	65	J	546	352		ug/Kg		53	50 - 125	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	54		45 - 120

Lab Sample ID: MB 440-448247/1-A

Matrix: Water

Analysis Batch: 448300

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 16:07	1
Aroclor 1221	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 16:07	1
Aroclor 1232	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 16:07	1
Aroclor 1242	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 16:07	1
Aroclor 1248	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 16:07	1
Aroclor 1254	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 16:07	1
Aroclor 1260	ND		1.0	0.50	ug/L		12/22/17 06:34	12/22/17 16:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	89		26 - 115	12/22/17 06:34	12/22/17 16:07	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

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

Lab Sample ID: LCS 440-448247/4-A

Matrix: Water

Analysis Batch: 448300

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.57		ug/L		89	59 - 115
Aroclor 1260	4.00	3.89		ug/L		97	48 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	82		26 - 115

Lab Sample ID: LCSD 440-448247/5-A

Matrix: Water

Analysis Batch: 448300

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448247

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.74		ug/L		94	59 - 115	5	30
Aroclor 1260	4.00	4.03		ug/L		101	48 - 115	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	84		26 - 115

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-448389/1-A ^5

Matrix: Solid

Analysis Batch: 448647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448389

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/22/17 16:43	12/26/17 16:42	5
Lead	ND		2.0	1.0	mg/Kg		12/22/17 16:43	12/26/17 16:42	5

Lab Sample ID: LCS 440-448389/2-A ^5

Matrix: Solid

Analysis Batch: 448647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448389

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	50.9		mg/Kg		102	80 - 120
Lead	50.0	50.1		mg/Kg		100	80 - 120

Lab Sample ID: 440-198876-1 MS

Matrix: Solid

Analysis Batch: 448647

Client Sample ID: AOC1-B21-D0.5

Prep Type: Total/NA

Prep Batch: 448389

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.8		49.8	56.0		mg/Kg		101	75 - 125
Lead	33		49.8	79.7		mg/Kg		94	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

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

Lab Sample ID: 440-198876-1 MSD

Matrix: Solid

Analysis Batch: 448647

Client Sample ID: AOC1-B21-D0.5

Prep Type: Total/NA

Prep Batch: 448389

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	5.8		50.0	57.5		mg/Kg		103	75 - 125	3	20
Lead	33		50.0	83.0		mg/Kg		100	75 - 125	4	20

Lab Sample ID: MB 440-448397/1-A ^5

Matrix: Solid

Analysis Batch: 448635

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448397

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/22/17 17:20	12/26/17 14:01	5
Lead	ND		2.0	1.0	mg/Kg		12/22/17 17:20	12/26/17 14:01	5

Lab Sample ID: LCS 440-448397/2-A ^5

Matrix: Solid

Analysis Batch: 448635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.3	53.7		mg/Kg		107	80 - 120
Lead	50.3	54.4		mg/Kg		108	80 - 120

Lab Sample ID: 440-198876-63 MS

Matrix: Solid

Analysis Batch: 448635

Client Sample ID: AOC1-B3-D0.5

Prep Type: Total/NA

Prep Batch: 448397

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	7.4		50.3	57.2		mg/Kg		99	75 - 125
Lead	32		50.3	83.1		mg/Kg		102	75 - 125

Lab Sample ID: 440-198876-63 MSD

Matrix: Solid

Analysis Batch: 448635

Client Sample ID: AOC1-B3-D0.5

Prep Type: Total/NA

Prep Batch: 448397

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	7.4		49.8	59.0		mg/Kg		104	75 - 125	3	20
Lead	32		49.8	77.6		mg/Kg		92	75 - 125	7	20

Lab Sample ID: MB 440-448954/1-A ^5

Matrix: Solid

Analysis Batch: 449088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/28/17 07:42	12/28/17 14:06	5
Lead	ND		2.0	1.0	mg/Kg		12/28/17 07:42	12/28/17 14:06	5

Lab Sample ID: LCS 440-448954/2-A ^5

Matrix: Solid

Analysis Batch: 449088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.5	45.4		mg/Kg		92	80 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

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

Lab Sample ID: LCS 440-448954/2-A ^5

Matrix: Solid

Analysis Batch: 449088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	49.5	45.3		mg/Kg		92	80 - 120

Lab Sample ID: 440-198876-96 MS

Matrix: Solid

Analysis Batch: 449088

Client Sample ID: AOC1-B93-D0.5

Prep Type: Total/NA

Prep Batch: 448954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	6.0		49.8	51.4		mg/Kg		91	75 - 125
Lead	9.0		49.8	52.7		mg/Kg		88	75 - 125

Lab Sample ID: 440-198876-96 MSD

Matrix: Solid

Analysis Batch: 449088

Client Sample ID: AOC1-B93-D0.5

Prep Type: Total/NA

Prep Batch: 448954

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.0		49.5	50.3		mg/Kg		90	75 - 125	2	20
Lead	9.0		49.5	51.3		mg/Kg		86	75 - 125	3	20

Lab Sample ID: MB 440-448713/1-A

Matrix: Water

Analysis Batch: 448882

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		12/27/17 07:45	12/27/17 17:15	1
Lead	ND		0.0050	0.0038	mg/L		12/27/17 07:45	12/27/17 17:15	1

Lab Sample ID: LCS 440-448713/2-A

Matrix: Water

Analysis Batch: 448882

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	0.879		mg/L		88	80 - 120
Lead	1.00	0.874		mg/L		87	80 - 120

Lab Sample ID: 440-198876-12 MS

Matrix: Water

Analysis Batch: 448882

Client Sample ID: E122017

Prep Type: Total Recoverable

Prep Batch: 448713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	0.921		mg/L		92	75 - 125
Lead	ND		1.00	0.911		mg/L		91	75 - 125

Lab Sample ID: 440-198876-12 MSD

Matrix: Water

Analysis Batch: 448882

Client Sample ID: E122017

Prep Type: Total Recoverable

Prep Batch: 448713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	0.891		mg/L		89	75 - 125	3	20
Lead	ND		1.00	0.884		mg/L		88	75 - 125	3	20

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

GC Semi VOA

Prep Batch: 448186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-1	AOC1-B21-D0.5	Total/NA	Solid	3546	
440-198876-4	AOC1-B21-D0.5DUP	Total/NA	Solid	3546	
440-198876-5	AOC1-B18-D0.5	Total/NA	Solid	3546	
440-198876-8	AOC1-B18-D0.5DUP	Total/NA	Solid	3546	
440-198876-9	AOC1-B17-D0.5	Total/NA	Solid	3546	
440-198876-19	AOC1-B28-D0.5	Total/NA	Solid	3546	
440-198876-22	AOC2-B2-D0.5	Total/NA	Solid	3546	
440-198876-25	AOC2-B1-D0.5	Total/NA	Solid	3546	
440-198876-28	AOC2-B1-D0.5DUP	Total/NA	Solid	3546	
440-198876-36	AOC1-B25-D0.5	Total/NA	Solid	3546	
440-198876-48	AOC1-B12-D0.5	Total/NA	Solid	3546	
440-198876-93	AOC1-B95-D0.5	Total/NA	Solid	3546	
MB 440-448186/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-448186/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-198876-1 MS	AOC1-B21-D0.5	Total/NA	Solid	3546	
440-198876-1 MSD	AOC1-B21-D0.5	Total/NA	Solid	3546	

Prep Batch: 448247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-12	E122017	Total/NA	Water	3510C	
MB 440-448247/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-448247/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 440-448247/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-448247/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 440-448247/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 448269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-1	AOC1-B21-D0.5	Total/NA	Solid	8082	448186
440-198876-4	AOC1-B21-D0.5DUP	Total/NA	Solid	8082	448186
440-198876-5	AOC1-B18-D0.5	Total/NA	Solid	8082	448186
440-198876-8	AOC1-B18-D0.5DUP	Total/NA	Solid	8082	448186
440-198876-9	AOC1-B17-D0.5	Total/NA	Solid	8082	448186
440-198876-19	AOC1-B28-D0.5	Total/NA	Solid	8082	448186
440-198876-22	AOC2-B2-D0.5	Total/NA	Solid	8082	448186
440-198876-25	AOC2-B1-D0.5	Total/NA	Solid	8082	448186
440-198876-28	AOC2-B1-D0.5DUP	Total/NA	Solid	8082	448186
440-198876-36	AOC1-B25-D0.5	Total/NA	Solid	8082	448186
440-198876-48	AOC1-B12-D0.5	Total/NA	Solid	8082	448186
440-198876-93	AOC1-B95-D0.5	Total/NA	Solid	8082	448186
MB 440-448186/1-A	Method Blank	Total/NA	Solid	8082	448186
LCS 440-448186/2-A	Lab Control Sample	Total/NA	Solid	8082	448186
440-198876-1 MS	AOC1-B21-D0.5	Total/NA	Solid	8082	448186
440-198876-1 MSD	AOC1-B21-D0.5	Total/NA	Solid	8082	448186

Analysis Batch: 448300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-12	E122017	Total/NA	Water	8082	448247
MB 440-448247/1-A	Method Blank	Total/NA	Water	8082	448247
LCS 440-448247/4-A	Lab Control Sample	Total/NA	Water	8082	448247
LCSD 440-448247/5-A	Lab Control Sample Dup	Total/NA	Water	8082	448247

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Analysis Batch: 448340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-12	E122017	Total/NA	Water	8081A	448247
MB 440-448247/1-A	Method Blank	Total/NA	Water	8081A	448247
LCS 440-448247/2-A	Lab Control Sample	Total/NA	Water	8081A	448247
LCSD 440-448247/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	448247

Metals

Prep Batch: 448389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-1	AOC1-B21-D0.5	Total/NA	Solid	3050B	
440-198876-4	AOC1-B21-D0.5DUP	Total/NA	Solid	3050B	
440-198876-5	AOC1-B18-D0.5	Total/NA	Solid	3050B	
440-198876-8	AOC1-B18-D0.5DUP	Total/NA	Solid	3050B	
440-198876-9	AOC1-B17-D0.5	Total/NA	Solid	3050B	
440-198876-13	AOC1-B16-D0.5	Total/NA	Solid	3050B	
440-198876-16	AOC1-B14-D0.5	Total/NA	Solid	3050B	
440-198876-19	AOC1-B28-D0.5	Total/NA	Solid	3050B	
440-198876-29	AOC1-B29-D0.5	Total/NA	Solid	3050B	
440-198876-32	AOC1-B26-D0.5	Total/NA	Solid	3050B	
440-198876-35	AOC1-B28-D0.5DUP	Total/NA	Solid	3050B	
440-198876-36	AOC1-B25-D0.5	Total/NA	Solid	3050B	
440-198876-39	AOC1-B24-D0.5	Total/NA	Solid	3050B	
440-198876-42	AOC1-B27-D0.5	Total/NA	Solid	3050B	
440-198876-45	AOC1-B23-D0.5	Total/NA	Solid	3050B	
440-198876-48	AOC1-B12-D0.5	Total/NA	Solid	3050B	
440-198876-51	AOC1-B11-D0.5	Total/NA	Solid	3050B	
440-198876-54	AOC1-B10-D0.5	Total/NA	Solid	3050B	
440-198876-57	AOC1-B9-D0.5	Total/NA	Solid	3050B	
440-198876-60	AOC1-B6-D0.5	Total/NA	Solid	3050B	
MB 440-448389/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448389/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198876-1 MS	AOC1-B21-D0.5	Total/NA	Solid	3050B	
440-198876-1 MSD	AOC1-B21-D0.5	Total/NA	Solid	3050B	

Prep Batch: 448397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-63	AOC1-B3-D0.5	Total/NA	Solid	3050B	
440-198876-66	AOC1-B2-D0.5	Total/NA	Solid	3050B	
440-198876-69	AOC1-B1-D0.5	Total/NA	Solid	3050B	
440-198876-72	AOC1-B4-D0.5	Total/NA	Solid	3050B	
440-198876-75	AOC1-B5-D0.5	Total/NA	Solid	3050B	
440-198876-78	AOC1-B8-D0.5	Total/NA	Solid	3050B	
440-198876-81	AOC1-B13-D0.5	Total/NA	Solid	3050B	
440-198876-84	AOC1-B94-D0.5	Total/NA	Solid	3050B	
440-198876-87	AOC1-B97-D0.5	Total/NA	Solid	3050B	
440-198876-90	AOC1-B96-D0.5	Total/NA	Solid	3050B	
440-198876-93	AOC1-B95-D0.5	Total/NA	Solid	3050B	
MB 440-448397/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448397/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198876-63 MS	AOC1-B3-D0.5	Total/NA	Solid	3050B	
440-198876-63 MSD	AOC1-B3-D0.5	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Metals (Continued)

Analysis Batch: 448635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-63	AOC1-B3-D0.5	Total/NA	Solid	6010B	448397
440-198876-66	AOC1-B2-D0.5	Total/NA	Solid	6010B	448397
440-198876-69	AOC1-B1-D0.5	Total/NA	Solid	6010B	448397
440-198876-72	AOC1-B4-D0.5	Total/NA	Solid	6010B	448397
440-198876-75	AOC1-B5-D0.5	Total/NA	Solid	6010B	448397
440-198876-78	AOC1-B8-D0.5	Total/NA	Solid	6010B	448397
440-198876-81	AOC1-B13-D0.5	Total/NA	Solid	6010B	448397
440-198876-84	AOC1-B94-D0.5	Total/NA	Solid	6010B	448397
440-198876-87	AOC1-B97-D0.5	Total/NA	Solid	6010B	448397
440-198876-90	AOC1-B96-D0.5	Total/NA	Solid	6010B	448397
440-198876-93	AOC1-B95-D0.5	Total/NA	Solid	6010B	448397
MB 440-448397/1-A ^5	Method Blank	Total/NA	Solid	6010B	448397
LCS 440-448397/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448397
440-198876-63 MS	AOC1-B3-D0.5	Total/NA	Solid	6010B	448397
440-198876-63 MSD	AOC1-B3-D0.5	Total/NA	Solid	6010B	448397

Analysis Batch: 448647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-1	AOC1-B21-D0.5	Total/NA	Solid	6010B	448389
440-198876-4	AOC1-B21-D0.5DUP	Total/NA	Solid	6010B	448389
440-198876-5	AOC1-B18-D0.5	Total/NA	Solid	6010B	448389
440-198876-8	AOC1-B18-D0.5DUP	Total/NA	Solid	6010B	448389
440-198876-9	AOC1-B17-D0.5	Total/NA	Solid	6010B	448389
440-198876-13	AOC1-B16-D0.5	Total/NA	Solid	6010B	448389
440-198876-16	AOC1-B14-D0.5	Total/NA	Solid	6010B	448389
440-198876-19	AOC1-B28-D0.5	Total/NA	Solid	6010B	448389
440-198876-29	AOC1-B29-D0.5	Total/NA	Solid	6010B	448389
440-198876-32	AOC1-B26-D0.5	Total/NA	Solid	6010B	448389
440-198876-35	AOC1-B28-D0.5DUP	Total/NA	Solid	6010B	448389
440-198876-36	AOC1-B25-D0.5	Total/NA	Solid	6010B	448389
440-198876-39	AOC1-B24-D0.5	Total/NA	Solid	6010B	448389
440-198876-42	AOC1-B27-D0.5	Total/NA	Solid	6010B	448389
440-198876-45	AOC1-B23-D0.5	Total/NA	Solid	6010B	448389
440-198876-48	AOC1-B12-D0.5	Total/NA	Solid	6010B	448389
440-198876-51	AOC1-B11-D0.5	Total/NA	Solid	6010B	448389
440-198876-54	AOC1-B10-D0.5	Total/NA	Solid	6010B	448389
440-198876-57	AOC1-B9-D0.5	Total/NA	Solid	6010B	448389
440-198876-60	AOC1-B6-D0.5	Total/NA	Solid	6010B	448389
MB 440-448389/1-A ^5	Method Blank	Total/NA	Solid	6010B	448389
LCS 440-448389/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448389
440-198876-1 MS	AOC1-B21-D0.5	Total/NA	Solid	6010B	448389
440-198876-1 MSD	AOC1-B21-D0.5	Total/NA	Solid	6010B	448389

Prep Batch: 448713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-12	E122017	Total Recoverable	Water	3005A	
MB 440-448713/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-448713/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-198876-12 MS	E122017	Total Recoverable	Water	3005A	
440-198876-12 MSD	E122017	Total Recoverable	Water	3005A	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Metals (Continued)

Analysis Batch: 448882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-12	E122017	Total Recoverable	Water	6010B	448713
MB 440-448713/1-A	Method Blank	Total Recoverable	Water	6010B	448713
LCS 440-448713/2-A	Lab Control Sample	Total Recoverable	Water	6010B	448713
440-198876-12 MS	E122017	Total Recoverable	Water	6010B	448713
440-198876-12 MSD	E122017	Total Recoverable	Water	6010B	448713

Prep Batch: 448954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-96	AOC1-B93-D0.5	Total/NA	Solid	3050B	
MB 440-448954/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448954/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198876-96 MS	AOC1-B93-D0.5	Total/NA	Solid	3050B	
440-198876-96 MSD	AOC1-B93-D0.5	Total/NA	Solid	3050B	

Analysis Batch: 449088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-96	AOC1-B93-D0.5	Total/NA	Solid	6010B	448954
MB 440-448954/1-A ^5	Method Blank	Total/NA	Solid	6010B	448954
LCS 440-448954/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448954
440-198876-96 MS	AOC1-B93-D0.5	Total/NA	Solid	6010B	448954
440-198876-96 MSD	AOC1-B93-D0.5	Total/NA	Solid	6010B	448954

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Qualifiers

GC Semi 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.

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Thursday, December 21, 2017 3:19 PM
To: Mata, Patty
Subject: FW: Reseda 2017-12-20 CoCs
Attachments: SKMBT_36317122116180.pdf

-External Email-

I just looked and realized my tech did not list OCPs on the equipment blank. Can you please add? This is for the samples collected yesterday (12/20).

Thanks

J

From: Paulson, Nenette
Sent: Wednesday, December 20, 2017 4:21 PM
To: King, Justin <Justin.King@parsons.com>
Subject: Reseda 2017-12-20 CoCs

Attached i believe I caught up on PCBs. I'll add on more tomorrow.

Sent from my Verizon, Samsung Galaxy smartphone

Mouton, Alain

From: King, Justin <Justin.King@parsons.com>
Sent: Wednesday, December 27, 2017 8:20 PM
To: Mouton, Alain
Cc: Mills, Ben; Mata, Patty
Subject: Re: COC Discrepancy for 440-198876-1 LAUSD Reseda H.S., CA

-External Email-

Confirmed, the samples should be dated 12/20/2017. Thanks, Justin

Sent from my iPhone

On Dec 27, 2017, at 4:40 PM, Mouton, Alain <alain.mouton@testamericainc.com> wrote:

Hello,

Attached please find the COC files for job 440-198876-1; LAUSD Reseda H.S., CA

The following samples was received at the laboratory without a sample collection date documented on the chain of custody (Page 7): AOC1-B4-D0.5 (440-198876-72), AOC1-B4-D1.5 (440-198876-73), AOC1-B4-D2.5 (440-198876-74), AOC1-B5-D0.5 (440-198876-75), AOC1-B5-D1.5 (440-198876-76), AOC1-B5-D2.5 (440-198876-77), AOC1-B8-D0.5 (440-198876-78), AOC1-B8-D1.5 (440-198876-79), AOC1-B8-D2.5 (440-198876-80), AOC1-B13-D0.5 (440-198876-81) and AOC1-B13-D1.5 (440-198876-82). Samples were logged in with the date of collection on 12/20/17. Could you please confirm the date of collection for these samples?

Please feel free to contact me or your PM Patty Mata if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback\[surveymonkey.com\]](https://www.testamerica.com/ProjectFeedback/surveymonkey.com)

ALAIN MOUTON
Project Manager Assistant

TestAmerica Irvine
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 949.261,1022

Reference: [419168]
Attachments: 2

<440-198876-email-add OCPs to EB.pdf>

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TestAmerica Irvine
17461 Derian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Project Manager: Justin King

Tel/Fax: 626-440-6133

Client Contact	Parsons	Site Contact: Nenette Paulson	Date: 12/20/17	COC No: 1 of 12 COCs
100 West Walnut St		Lab Contact: Patty Mata	Carrier:	
Pasadena, Ca 91124				
(626) 440-6133				

Analysis Turnaround Time	WORKING DAYS	For Lab Use Only:
<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> 2 weeks	Walk-in Client:
TAT if different from Below: _____	<input type="checkbox"/> 1 week	Lab Sampling:
<input type="checkbox"/> 2 days	<input type="checkbox"/> 1 day	

Project Name: Reseda HS PEA	Job / SDG No.:
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Site: Reseda HS	
-----------------	--

P O #	
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Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Arsenic	Lead	PCBs	OCF	Sample Specific Notes:
-----------------------	-------------	-------------	------------------------------	--------	------------	-------------------------	--------------------------	---------	------	------	-----	------------------------

AOC1-B21-P0.5	12/24/17	0720	G	S	1			X	X	X		
AOC1-B21-P0.5	12/24/17	0725	G	S	1							Hold
AOC1-B21-P2.5	12/24/17	0730	G	S	1							Hold
AOC1-B21-P0.5-Pup	12/24/17	0720	G	S	1			X	X	X		
AOC1-B18-P0.5	12/24/17	0735	G	S	1			X	X	X		
AOC1-B18-P0.5	12/24/17	0740	G	S	1							Hold
AOC1-B18-P2.5	12/24/17	0745	G	S	1							Hold
AOC1-B18-P0.5-Dup	12/24/17	0735	G	S	1			X	X	X		
AOC1-B17-P0.5	12/24/17	0730	G	S	1			X	X	X		
AOC1-B17-P0.5	12/24/17	0735	G	S	1							Hold
AOC1-B17-P2.5	12/24/17	0750	G	S	1							Hold
E122017	12/24/17	0700	G	S	4			X	X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant
<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input checked="" type="checkbox"/> Disposal by

Special Instructions/QC Requirements & Comments:

440-198876 Chain of Custody

Custody Seals Intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Therm ID No.:
Relinquished by:	Company: Parsons	Date/Time: 12/21/17 1430	Company: TNA
Relinquished by:	Company: TNA	Date/Time: 12/20/17 1825	Company: TNA
Relinquished by:	Company:	Date/Time:	Company:

12/29/2017

1.4/2.0 2.1/2.7 12-6-5

Form No. CAC-WI-002, Rev. 4.15, dated 9/27/2017

Chain of Custody Record

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/23/17		COC No: 2 of 12 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y / N)		Lead		Walk-in Client:	
(626) 440-6133		TAT if different from Below _____ Std		# of Cont.		PCBs		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Matrix		OC		Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week		Sample Type (C=Comp, G=Grab)		OC			
P O #		<input type="checkbox"/> 2 days		Sample Date		OC			
		<input type="checkbox"/> 1 day		Sample Time		OC			
AOC1 - B16 - D0.5		12/24/17	0805	G	S	1	X	X	Hold
AOC1 - B16 - D1.5		12/24/17	0810	G	S	1			Hold
AOC1 - B16 - D2.5		12/24/17	0815	G	S	1			Hold
AOC1 - B14 - D0.5		12/24/17	0820	G	S	1	X	X	Hold
AOC1 - B14 - D1.5		12/24/17	0825	G	S	1			
AOC1 - B14 - D2.5		12/24/17	0830	G	S	1			
AOC1 - B28 - D0.5		12/24/17	0835	G	S	1	X	X	Hold
AOC1 - B28 - D1.5		12/24/17	0840	G	S	1			Hold
AOC1 - B28 - D2.5		12/24/17	0845	G	S	1			Hold
AOC2 - B2 - D0.5		12/24/17	0850	G	S	1	X	X	Hold
AOC2 - B2 - D1.5		12/24/17	0855	G	S	1			Hold
AOC2 - B2 - D2.5		12/24/17	0900	G	S	1			Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Relinquished by:	Company: Carson	Date/Time: 12/24/17	Received by:	Company: TA	Date/Time: 12/20/17 1430
Relinquished by:	Company: TA	Date/Time: 12/24/17	Received by:	Company: TA	Date/Time: 12/20/17 1825
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-I	Date/Time: 12/20/17 1825

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

TestAmerica Laboratories, Inc.

[illegible]

TestAmerica Irvine
17461 Derian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenetta Paulson		Date: 12/20/17		COC No: 4 of 10 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenetta Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y / N)		Perform MS / MSD (Y / N)		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Matrix		Arsenic		Walk-in Client:	
(626) 440-6133		TAT if different from Below Std		# of Cont.		Lead		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Sample Type (C=Comp, G=Grab)		PCBs		Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week		Sample Date		OCP			
P O #		<input type="checkbox"/> 2 days		Sample Time		X			
		<input type="checkbox"/> 1 day				X			
AOC1 - B25 - D0.5		12/24/17	0940	G	S	1	X	X	H.1.1
AOC1 - B25 - D1.5		12/24/17	0945	G	S	1	X	X	H.1.1
AOC1 - B25 - D2.5		12/24/17	0950	G	S	1	X	X	H.1.1
AOC1 - B24 - D0.5		12/24/17	0955	G	S	1	X	X	H.1.1
AOC1 - B24 - D1.5		12/24/17	1000	G	S	1	X	X	H.1.1
AOC1 - B24 - D2.5		12/24/17	1005	G	S	1	X	X	H.1.1
AOC1 - B27 - D0.5		12/24/17	1010	G	S	1	X	X	H.1.1
AOC1 - B27 - D1.5		12/24/17	1015	G	S	1	X	X	H.1.1
AOC1 - B27 - D2.5		12/24/17	1020	G	S	1	X	X	H.1.1
AOC1 - B23 - D0.5		12/24/17	1025	G	S	1	X	X	H.1.1
AOC1 - B23 - D1.5		12/24/17	1030	G	S	1	X	X	H.1.1
AOC1 - B23 - D2.5		12/24/17	1035	G	S	1	X	X	H.1.1

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Custody Seal No.:	Company:	Received by:	Date/Time:	Received by:	Date/Time:	Received in Laboratory by:	Date/Time:
Relinquished by:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1530	Parsons		12/24/17	7	1430		12/20/17
Relinquished by:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		TA		12/24/17				12/20/17
Relinquished by:	<input checked="" type="checkbox"/>	<input type="checkbox"/>				12/24/17				12/20/17

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Therm ID No.:

Client Contact

Parsons
100 West Walnut St
Pasadena, Ca 91124
(626) 440-6133
Project Name: Reseda HS PEA
Site: Reseda HS
PO#

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Project Manager: Justin King
Tel/Fax: 626-440-6133

Analysis Turnaround Time
☐ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below: Sid
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Nenette Paulson
Lab Contact: Patty Mata

Date: 12/20/17
Carrier:
COC No: 5 of 10 COCs
Sampler: Nenette Paulson

For Lab Use Only:
Walk-in Client: ☐
Lab Sampling: ☐
Job / SDG No.:
Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Arsenic	Lead	PCBs	OCP	Sample Specific Notes:
AOC1-B12-D0.5	12/20/17	1040	G	S	1			X	X	X		Hold
AOC1-B12-D1.5	12/20/17	1045	G	S	1							Hold
AOC1-B12-D2.5	12/20/17	1050	G	S	1							Hold
AOC1-B11-D0.5	12/20/17	1055	G	S	1			X	X			Hold
AOC1-B11-D1.5	12/20/17	1100	G	S	1							Hold
AOC1-B11-D2.5	12/20/17	1105	G	S	1			X	X			Hold
AOC1-B10-D0.5	12/20/17	1110	G	S	1							Hold
AOC1-B10-D1.5	12/20/17	1115	G	S	1							Hold
AOC1-B10-D2.5	12/20/17	1120	G	S	1							Hold
AOC1-B9-D0.5	12/20/17	1125	G	S	1			X	X			Hold
AOC1-B9-D1.5	12/20/17	1130	G	S	1							Hold
AOC1-B9-D2.5	12/20/17	1135	G	S	1							Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Therm ID No.:
Relinquished by:	Company: <u>Parsons</u>	Received by:	Company: <u>TVA</u>	Date/Time: <u>12/20/17 1450</u>
Relinquished by:	Company: <u>TA</u>	Received by:	Company:	Date/Time: <u>12/20/17 1825</u>
Relinquished by:	Company:	Received in Laboratory by:	Company: <u>TA-I</u>	Date/Time: <u>12/20/17 1825</u>

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/22/17		COC No: 6 of 16 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Type		PCBs		Walk-in Client:	
(626) 440-6133		TAT if different from Below: <u>Sid</u>		C=Comp, G=Grab		Lead		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Sample		OCP		Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week		Type		PCBs			
PO#		<input type="checkbox"/> 2 days		Time		Lead			
		<input type="checkbox"/> 1 day		Date		Arsenic			
				Sample		PCBs			
				Time		Lead			
				Date		Arsenic			
				Type		PCBs			
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TestAmerica Irvine
17461 Derian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Justin King	Site Contact: Nenette Paulson	Date: 12/20/17	COC No: 7 of 10 COCs
Parsons	Tel/Fax: 626-440-6133	Lab Contact: Patty Mata	Carrier:	

Analysis Turnaround Time	Working Days	Analysis Turnaround Time
<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS	TAT if different from Below: Std
<input type="checkbox"/> 2 weeks	<input type="checkbox"/> 1 week	<input type="checkbox"/> 2 days
<input type="checkbox"/> 1 day		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Arsenic	Lead	PCBs	OCp	Sample Specific Notes:
A0C1-B4-D0.5	12/4/17	1245	G	S	1		X	X			Hold
A0C1-B4-D1.5	12/4/17	1245	G	S	1						Hold
A0C1-B4-D2.5	12/5/17	1250	G	S	1						Hold
A0C1-B5-D0.5	12/5/17	1255	G	S	1		X	X			Hold
A0C1-B5-D1.5	1300	1300	G	S	1						Hold
A0C1-B5-D2.5	1305	1305	G	S	1						Hold
A0C1-B6-D0.5	1310	1310	G	S	1		X	X			Hold
A0C1-B6-D1.5	1315	1315	G	S	1						Hold
A0C1-B6-D2.5	1320	1320	G	S	1						Hold
A0C1-B13-D0.5	1325	1325	G	S	1		X	X			Hold
A0C1-B13-D1.5	1330	1330	G	S	1						Hold
A0C1-B13-D2.5	1335	1335	G	S	1						Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Company: Parsons	Date/Time: 12/20/17	Received by: [Signature]	Cooler Temp. (°C): Obs'd:	Corr'd:	Company: T/A	Date/Time: 12/20/17	Therm ID No.:
Relinquished by: [Signature]		Company: T/A	Date/Time: 12/20/17	Received by: [Signature]			Company: T/A	Date/Time: 12/20/17	1480
Relinquished by: [Signature]		Company: T/A	Date/Time: 12/20/17	Received by: [Signature]			Company: T/A	Date/Time: 12/20/17	1825

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

[illegible]

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198876-1

Login Number: 198876

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	False	No sample date on page 7 of 10 of COC, logged in per container labels.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No date page 7 of 10 of COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-199093-1

Client Project/Site: LAUSD Reseda H.S., CA

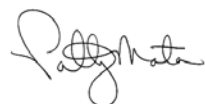
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/30/2017 11:59:28 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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results through

TotalAccess

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Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-199093-1	AOC1-B90-D0.5	Solid	12/21/17 07:20	12/21/17 19:12
440-199093-4	AOC1-B91-D0.5	Solid	12/21/17 07:35	12/21/17 19:12
440-199093-7	AOC1-B92-D0.5	Solid	12/21/17 07:50	12/21/17 19:12
440-199093-10	AOC1-B98-D0.5	Solid	12/21/17 08:05	12/21/17 19:12
440-199093-13	AOC1-B99-D0.5	Solid	12/21/17 08:20	12/21/17 19:12
440-199093-16	AOC1-B100-D0.5	Solid	12/21/17 08:35	12/21/17 19:12
440-199093-19	AOC1-B101-D0.5	Solid	12/21/17 08:50	12/21/17 19:12
440-199093-22	AOC1-B101-D0.5-DUP	Solid	12/21/17 08:50	12/21/17 19:12
440-199093-24	AOC1-B102-D0.5	Solid	12/21/17 09:05	12/21/17 19:12
440-199093-27	AOC1-B105-D0.5	Solid	12/21/17 09:20	12/21/17 19:12
440-199093-30	AOC1-B104-D0.5	Solid	12/21/17 09:35	12/21/17 19:12
440-199093-33	AOC1-B103-D0.5	Solid	12/21/17 09:50	12/21/17 19:12
440-199093-36	AOC1-B106-D0.5	Solid	12/21/17 10:05	12/21/17 19:12
440-199093-39	AOC1-B107-D0.5	Solid	12/21/17 10:20	12/21/17 19:12
440-199093-42	AOC1-B108-D0.5	Solid	12/21/17 10:35	12/21/17 19:12
440-199093-45	AOC1-B109-D0.5	Solid	12/21/17 10:50	12/21/17 19:12
440-199093-48	AOC1-B111-D0.5	Solid	12/21/17 11:05	12/21/17 19:12
440-199093-51	AOC1-B110-D0.5	Solid	12/21/17 11:20	12/21/17 19:12
440-199093-54	AOC1-B112-D0.5	Solid	12/21/17 11:35	12/21/17 19:12
440-199093-57	AOC1-B113-D0.5	Solid	12/21/17 11:50	12/21/17 19:12
440-199093-60	AOC1-B114-D0.5	Solid	12/21/17 12:05	12/21/17 19:12
440-199093-63	AOC1-B115-D0.5	Solid	12/21/17 12:20	12/21/17 19:12
440-199093-66	AOC1-B114-D0.5-DUP	Solid	12/21/17 12:05	12/21/17 19:12
440-199093-67	E122117	Water	12/21/17 07:00	12/21/17 19:12

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Job ID: 440-199093-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-199093-1

Comments

No additional comments.

Receipt

The samples were received on 12/21/2017 7:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 1.5° C.

Receipt Exceptions

The matrix for the following sample did not match the information listed on the Chain-of-Custody (COC): E122117 (440-199093-67). The matrix of sample listed on COC is solid but sample is water.

GC Semi VOA

Method(s) 8081A, 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-448689. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C / 8081A / 8082: Slightly elevated reporting limits are provided for the following sample due to insufficient sample volume (less than 250ml) provided for preparation: E122117 (440-199093-67).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B90-D0.5

Lab Sample ID: 440-199093-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.2		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.1		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-D0.5

Lab Sample ID: 440-199093-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	19		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	61		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B92-D0.5

Lab Sample ID: 440-199093-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	58		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B98-D0.5

Lab Sample ID: 440-199093-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	7.6		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B99-D0.5

Lab Sample ID: 440-199093-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	47		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-D0.5

Lab Sample ID: 440-199093-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	83		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B101-D0.5

Lab Sample ID: 440-199093-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B101-D0.5-DUP

Lab Sample ID: 440-199093-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B102-D0.5

Lab Sample ID: 440-199093-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	8.2		2.0	0.99	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B105-D0.5

Lab Sample ID: 440-199093-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	7.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B104-D0.5

Lab Sample ID: 440-199093-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	7.1		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B103-D0.5

Lab Sample ID: 440-199093-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	4.6		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B106-D0.5

Lab Sample ID: 440-199093-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.2		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B107-D0.5

Lab Sample ID: 440-199093-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.5		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B108-D0.5

Lab Sample ID: 440-199093-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	17		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	110		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B109-D0.5

Lab Sample ID: 440-199093-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	5.9		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B111-D0.5

Lab Sample ID: 440-199093-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	8.6		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B110-D0.5

Lab Sample ID: 440-199093-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.9		2.0	0.99	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B112-D0.5

Lab Sample ID: 440-199093-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	9.3		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B113-D0.5

Lab Sample ID: 440-199093-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	21		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B114-D0.5

Lab Sample ID: 440-199093-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	12		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B115-D0.5

Lab Sample ID: 440-199093-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	45		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B114-D0.5-DUP

Lab Sample ID: 440-199093-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	13		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: E122117

Lab Sample ID: 440-199093-67

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B90-D0.5

Lab Sample ID: 440-199093-1

Date Collected: 12/21/17 07:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:09	5
Lead	9.1		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:09	5

Client Sample ID: AOC1-B91-D0.5

Lab Sample ID: 440-199093-4

Date Collected: 12/21/17 07:35

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:11	5
Lead	61		2.0	0.99	mg/Kg		12/23/17 12:57	12/26/17 17:11	5

Client Sample ID: AOC1-B92-D0.5

Lab Sample ID: 440-199093-7

Date Collected: 12/21/17 07:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:13	5
Lead	58		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:13	5

Client Sample ID: AOC1-B98-D0.5

Lab Sample ID: 440-199093-10

Date Collected: 12/21/17 08:05

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:15	5
Lead	7.6		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:15	5

Client Sample ID: AOC1-B99-D0.5

Lab Sample ID: 440-199093-13

Date Collected: 12/21/17 08:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:17	5
Lead	47		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:17	5

Client Sample ID: AOC1-B100-D0.5

Lab Sample ID: 440-199093-16

Date Collected: 12/21/17 08:35

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:25	5
Lead	83		2.0	0.99	mg/Kg		12/23/17 12:57	12/26/17 17:25	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B101-D0.5

Lab Sample ID: 440-199093-19

Date Collected: 12/21/17 08:50

Matrix: Solid

Date Received: 12/21/17 19:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 14:07	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 14:07	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 14:07	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 14:07	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 14:07	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 14:07	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	59		45 - 120	12/28/17 08:57	12/29/17 14:07	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:28	5
Lead	6.0		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:28	5

Client Sample ID: AOC1-B101-D0.5-DUP

Lab Sample ID: 440-199093-22

Date Collected: 12/21/17 08:50

Matrix: Solid

Date Received: 12/21/17 19:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:27	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:27	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:27	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:27	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:27	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:27	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	72		45 - 120	12/28/17 06:47	12/29/17 13:27	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:30	5
Lead	6.0		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:30	5

Client Sample ID: AOC1-B102-D0.5

Lab Sample ID: 440-199093-24

Date Collected: 12/21/17 09:05

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:32	5
Lead	8.2		2.0	0.99	mg/Kg		12/23/17 12:57	12/26/17 17:32	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B105-D0.5

Lab Sample ID: 440-199093-27

Date Collected: 12/21/17 09:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:34	5
Lead	7.0		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:34	5

Client Sample ID: AOC1-B104-D0.5

Lab Sample ID: 440-199093-30

Date Collected: 12/21/17 09:35

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 17:36	5
Lead	7.1		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 17:36	5

Client Sample ID: AOC1-B103-D0.5

Lab Sample ID: 440-199093-33

Date Collected: 12/21/17 09:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 18:54	5
Lead	4.6		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 18:54	5

Client Sample ID: AOC1-B106-D0.5

Lab Sample ID: 440-199093-36

Date Collected: 12/21/17 10:05

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:04	5
Lead	6.2		2.0	1.0	mg/Kg		12/23/17 12:58	12/26/17 19:04	5

Client Sample ID: AOC1-B107-D0.5

Lab Sample ID: 440-199093-39

Date Collected: 12/21/17 10:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:12	5
Lead	6.5		2.0	1.0	mg/Kg		12/23/17 12:58	12/26/17 19:12	5

Client Sample ID: AOC1-B108-D0.5

Lab Sample ID: 440-199093-42

Date Collected: 12/21/17 10:35

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:14	5
Lead	110		2.0	1.0	mg/Kg		12/23/17 12:58	12/26/17 19:14	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B109-D0.5

Lab Sample ID: 440-199093-45

Date Collected: 12/21/17 10:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:16	5
Lead	5.9		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 19:16	5

Client Sample ID: AOC1-B111-D0.5

Lab Sample ID: 440-199093-48

Date Collected: 12/21/17 11:05

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:18	5
Lead	8.6		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 19:18	5

Client Sample ID: AOC1-B110-D0.5

Lab Sample ID: 440-199093-51

Date Collected: 12/21/17 11:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:20	5
Lead	6.9		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 19:20	5

Client Sample ID: AOC1-B112-D0.5

Lab Sample ID: 440-199093-54

Date Collected: 12/21/17 11:35

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:22	5
Lead	9.3		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 19:22	5

Client Sample ID: AOC1-B113-D0.5

Lab Sample ID: 440-199093-57

Date Collected: 12/21/17 11:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:24	5
Lead	21		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 19:24	5

Client Sample ID: AOC1-B114-D0.5

Lab Sample ID: 440-199093-60

Date Collected: 12/21/17 12:05

Matrix: Solid

Date Received: 12/21/17 19:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 13:54	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 13:54	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 13:54	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 13:54	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 13:54	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 13:54	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B114-D0.5

Lab Sample ID: 440-199093-60

Date Collected: 12/21/17 12:05

Matrix: Solid

Date Received: 12/21/17 19:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 08:57	12/29/17 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		45 - 120	12/28/17 08:57	12/29/17 13:54	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:26	5
Lead	12		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 19:26	5

Client Sample ID: AOC1-B115-D0.5

Lab Sample ID: 440-199093-63

Date Collected: 12/21/17 12:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:28	5
Lead	45		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 19:28	5

Client Sample ID: AOC1-B114-D0.5-DUP

Lab Sample ID: 440-199093-66

Date Collected: 12/21/17 12:05

Matrix: Solid

Date Received: 12/21/17 19:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:40	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:40	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:40	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:40	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:40	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:40	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	71		45 - 120	12/28/17 06:47	12/29/17 13:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 19:52	5
Lead	13		2.0	1.0	mg/Kg		12/23/17 12:58	12/26/17 19:52	5

Client Sample ID: E122117

Lab Sample ID: 440-199093-67

Date Collected: 12/21/17 07:00

Matrix: Water

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
4,4'-DDE	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
4,4'-DDT	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Aldrin	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: E122117

Lab Sample ID: 440-199093-67

Date Collected: 12/21/17 07:00

Matrix: Water

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
beta-BHC	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Chlordane (technical)	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:25	1
delta-BHC	ND		0.21	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Dieldrin	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Endosulfan I	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Endosulfan II	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Endosulfan sulfate	ND		0.21	0.10	ug/L		12/27/17 06:21	12/27/17 14:25	1
Endrin	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Endrin aldehyde	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Endrin ketone	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
gamma-BHC (Lindane)	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Heptachlor	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Heptachlor epoxide	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Methoxychlor	ND		0.10	0.052	ug/L		12/27/17 06:21	12/27/17 14:25	1
Toxaphene	ND		5.2	2.6	ug/L		12/27/17 06:21	12/27/17 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		19 - 115	12/27/17 06:21	12/27/17 14:25	1
DCB Decachlorobiphenyl (Surr)	95		10 - 149	12/27/17 06:21	12/27/17 14:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:35	1
Aroclor 1221	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:35	1
Aroclor 1232	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:35	1
Aroclor 1242	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:35	1
Aroclor 1248	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:35	1
Aroclor 1254	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:35	1
Aroclor 1260	ND		1.0	0.52	ug/L		12/27/17 06:21	12/27/17 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	62		26 - 115	12/27/17 06:21	12/27/17 14:35	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		12/27/17 07:45	12/27/17 17:39	1
Lead	ND		0.0050	0.0038	mg/L		12/27/17 07:45	12/27/17 17:39	1

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (19-115)	DCB2 (10-149)
440-199093-67	E122117	73	95
LCS 440-448689/2-A	Lab Control Sample	87	94
LCSD 440-448689/3-A	Lab Control Sample Dup	86	93
MB 440-448689/1-A	Method Blank	82	95

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

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	DCB2 (45-120)
440-199024-G-1-F MS	Matrix Spike	85
440-199024-G-1-G MSD	Matrix Spike Duplicate	83
440-199093-19	AOC1-B101-D0.5	59
440-199093-22	AOC1-B101-D0.5-DUP	72
440-199093-60	AOC1-B114-D0.5	62
440-199093-66	AOC1-B114-D0.5-DUP	71
LCS 440-448949/2-A	Lab Control Sample	81
MB 440-448949/1-A	Method Blank	88

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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	DCB2 (26-115)
440-199093-67	E122117	62
LCS 440-448689/4-A	Lab Control Sample	73
LCSD 440-448689/5-A	Lab Control Sample Dup	81
MB 440-448689/1-A	Method Blank	73

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B90-D0.5

Date Collected: 12/21/17 07:20

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:09	K1E	TAL IRV

Client Sample ID: AOC1-B91-D0.5

Date Collected: 12/21/17 07:35

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:11	K1E	TAL IRV

Client Sample ID: AOC1-B92-D0.5

Date Collected: 12/21/17 07:50

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:13	K1E	TAL IRV

Client Sample ID: AOC1-B98-D0.5

Date Collected: 12/21/17 08:05

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:15	K1E	TAL IRV

Client Sample ID: AOC1-B99-D0.5

Date Collected: 12/21/17 08:20

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:17	K1E	TAL IRV

Client Sample ID: AOC1-B100-D0.5

Date Collected: 12/21/17 08:35

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:25	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B101-D0.5

Lab Sample ID: 440-199093-19

Date Collected: 12/21/17 08:50

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.05 g	2 mL	448949	12/28/17 08:57	L1A	TAL IRV
Total/NA	Analysis	8082		1			449223	12/29/17 14:07	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:28	K1E	TAL IRV

Client Sample ID: AOC1-B101-D0.5-DUP

Lab Sample ID: 440-199093-22

Date Collected: 12/21/17 08:50

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	448949	12/28/17 06:47	L1A	TAL IRV
Total/NA	Analysis	8082		1			449223	12/29/17 13:27	JM	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:30	K1E	TAL IRV

Client Sample ID: AOC1-B102-D0.5

Lab Sample ID: 440-199093-24

Date Collected: 12/21/17 09:05

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:32	K1E	TAL IRV

Client Sample ID: AOC1-B105-D0.5

Lab Sample ID: 440-199093-27

Date Collected: 12/21/17 09:20

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:34	K1E	TAL IRV

Client Sample ID: AOC1-B104-D0.5

Lab Sample ID: 440-199093-30

Date Collected: 12/21/17 09:35

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448495	12/23/17 12:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			448648	12/26/17 17:36	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B103-D0.5

Lab Sample ID: 440-199093-33

Date Collected: 12/21/17 09:50

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 18:54	K1E	TAL IRV

Client Sample ID: AOC1-B106-D0.5

Lab Sample ID: 440-199093-36

Date Collected: 12/21/17 10:05

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:04	K1E	TAL IRV

Client Sample ID: AOC1-B107-D0.5

Lab Sample ID: 440-199093-39

Date Collected: 12/21/17 10:20

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:12	K1E	TAL IRV

Client Sample ID: AOC1-B108-D0.5

Lab Sample ID: 440-199093-42

Date Collected: 12/21/17 10:35

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:14	K1E	TAL IRV

Client Sample ID: AOC1-B109-D0.5

Lab Sample ID: 440-199093-45

Date Collected: 12/21/17 10:50

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:16	K1E	TAL IRV

Client Sample ID: AOC1-B111-D0.5

Lab Sample ID: 440-199093-48

Date Collected: 12/21/17 11:05

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:18	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B110-D0.5

Lab Sample ID: 440-199093-51

Date Collected: 12/21/17 11:20

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:20	K1E	TAL IRV

Client Sample ID: AOC1-B112-D0.5

Lab Sample ID: 440-199093-54

Date Collected: 12/21/17 11:35

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:22	K1E	TAL IRV

Client Sample ID: AOC1-B113-D0.5

Lab Sample ID: 440-199093-57

Date Collected: 12/21/17 11:50

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:24	K1E	TAL IRV

Client Sample ID: AOC1-B114-D0.5

Lab Sample ID: 440-199093-60

Date Collected: 12/21/17 12:05

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	448949	12/28/17 08:57	L1A	TAL IRV
Total/NA	Analysis	8082		1			449223	12/29/17 13:54	JM	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:26	K1E	TAL IRV

Client Sample ID: AOC1-B115-D0.5

Lab Sample ID: 440-199093-63

Date Collected: 12/21/17 12:20

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:28	K1E	TAL IRV

Client Sample ID: AOC1-B114-D0.5-DUP

Lab Sample ID: 440-199093-66

Date Collected: 12/21/17 12:05

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	448949	12/28/17 06:47	L1A	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Client Sample ID: AOC1-B114-D0.5-DUP

Lab Sample ID: 440-199093-66

Date Collected: 12/21/17 12:05

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		1			449223	12/29/17 13:40	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	448496	12/23/17 12:58	DT	TAL IRV
Total/NA	Analysis	6010B		5			448661	12/26/17 19:52	K1E	TAL IRV

Client Sample ID: E122117

Lab Sample ID: 440-199093-67

Date Collected: 12/21/17 07:00

Matrix: Water

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			240 mL	2 mL	448689	12/27/17 06:21	L2A	TAL IRV
Total/NA	Analysis	8081A		1			448716	12/27/17 14:25	D1D	TAL IRV
Total/NA	Prep	3510C			240 mL	2 mL	448689	12/27/17 06:21	L2A	TAL IRV
Total/NA	Analysis	8082		1			448718	12/27/17 14:35	JM	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	448713	12/27/17 07:45	JL	TAL IRV
Total Recoverable	Analysis	6010B		1			448882	12/27/17 17:39	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-448689/1-A

Matrix: Water

Analysis Batch: 448716

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
4,4'-DDE	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
4,4'-DDT	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Aldrin	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
alpha-BHC	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
beta-BHC	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Chlordane (technical)	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:41	1
delta-BHC	ND		0.20	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Dieldrin	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Endosulfan I	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Endosulfan II	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Endosulfan sulfate	ND		0.20	0.10	ug/L		12/27/17 06:21	12/27/17 13:41	1
Endrin	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Endrin aldehyde	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Endrin ketone	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
gamma-BHC (Lindane)	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Heptachlor	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Heptachlor epoxide	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Methoxychlor	ND		0.10	0.050	ug/L		12/27/17 06:21	12/27/17 13:41	1
Toxaphene	ND		5.0	2.5	ug/L		12/27/17 06:21	12/27/17 13:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		19 - 115				12/27/17 06:21	12/27/17 13:41	1
DCB Decachlorobiphenyl (Surr)	95		10 - 149				12/27/17 06:21	12/27/17 13:41	1

Lab Sample ID: LCS 440-448689/2-A

Matrix: Water

Analysis Batch: 448716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.412		ug/L		103	63 - 141
4,4'-DDE	0.400	0.383		ug/L		96	44 - 135
4,4'-DDT	0.400	0.423		ug/L		106	51 - 125
Aldrin	0.400	0.359		ug/L		90	26 - 115
alpha-BHC	0.400	0.346		ug/L		87	57 - 115
beta-BHC	0.400	0.400		ug/L		100	57 - 115
delta-BHC	0.400	0.381		ug/L		95	47 - 122
Dieldrin	0.400	0.401		ug/L		100	57 - 115
Endosulfan I	0.400	0.385		ug/L		96	54 - 115
Endosulfan II	0.400	0.385		ug/L		96	45 - 122
Endosulfan sulfate	0.400	0.402		ug/L		100	56 - 115
Endrin	0.400	0.379		ug/L		95	64 - 115
Endrin aldehyde	0.400	0.375		ug/L		94	39 - 121
Endrin ketone	0.400	0.408		ug/L		102	34 - 150
gamma-BHC (Lindane)	0.400	0.354		ug/L		89	59 - 115
Heptachlor	0.400	0.324		ug/L		81	44 - 120
Heptachlor epoxide	0.400	0.382		ug/L		95	57 - 115
Methoxychlor	0.400	0.434		ug/L		108	44 - 150

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	87		19 - 115
DCB Decachlorobiphenyl (Surr)	94		10 - 149

Lab Sample ID: LCSD 440-448689/3-A

Matrix: Water

Analysis Batch: 448716

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.400	0.411		ug/L		103	63 - 141	0	27
4,4'-DDE	0.400	0.365		ug/L		91	44 - 135	5	35
4,4'-DDT	0.400	0.421		ug/L		105	51 - 125	1	32
Aldrin	0.400	0.356		ug/L		89	26 - 115	1	25
alpha-BHC	0.400	0.344		ug/L		86	57 - 115	1	19
beta-BHC	0.400	0.391		ug/L		98	57 - 115	2	26
delta-BHC	0.400	0.362		ug/L		90	47 - 122	5	20
Dieldrin	0.400	0.389		ug/L		97	57 - 115	3	22
Endosulfan I	0.400	0.382		ug/L		95	54 - 115	1	20
Endosulfan II	0.400	0.382		ug/L		96	45 - 122	1	35
Endosulfan sulfate	0.400	0.401		ug/L		100	56 - 115	0	22
Endrin	0.400	0.377		ug/L		94	64 - 115	1	23
Endrin aldehyde	0.400	0.373		ug/L		93	39 - 121	0	30
Endrin ketone	0.400	0.403		ug/L		101	34 - 150	1	27
gamma-BHC (Lindane)	0.400	0.333		ug/L		83	59 - 115	6	17
Heptachlor	0.400	0.342		ug/L		85	44 - 120	5	24
Heptachlor epoxide	0.400	0.376		ug/L		94	57 - 115	1	23
Methoxychlor	0.400	0.431		ug/L		108	44 - 150	1	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	86		19 - 115
DCB Decachlorobiphenyl (Surr)	93		10 - 149

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

Lab Sample ID: MB 440-448689/1-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1221	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1232	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1242	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1248	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1254	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1260	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
DCB Decachlorobiphenyl (Surr)	73		26 - 115	12/27/17 06:21	12/27/17 13:56	1			

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

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

Lab Sample ID: LCS 440-448689/4-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.66		ug/L		91	59 - 115
Aroclor 1260	4.00	3.55		ug/L		89	48 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	73		26 - 115

Lab Sample ID: LCSD 440-448689/5-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.70		ug/L		92	59 - 115	1	30
Aroclor 1260	4.00	3.74		ug/L		94	48 - 115	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	81		26 - 115

Lab Sample ID: MB 440-448949/1-A

Matrix: Solid

Analysis Batch: 449223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		45 - 120	12/28/17 06:47	12/29/17 11:40	1

Lab Sample ID: LCS 440-448949/2-A

Matrix: Solid

Analysis Batch: 449223

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	267	260		ug/Kg		97	65 - 115
Aroclor 1260	267	265		ug/Kg		99	65 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	81		45 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

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

Lab Sample ID: 440-199024-G-1-F MS

Matrix: Solid

Analysis Batch: 449223

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	ND		267	253		ug/Kg		95	50 - 120
Aroclor 1260	ND		267	264		ug/Kg		99	50 - 125
Surrogate	MS %Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl (Surr)	85		45 - 120						

Lab Sample ID: 440-199024-G-1-G MSD

Matrix: Solid

Analysis Batch: 449223

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448949

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aroclor 1016	ND		267	245		ug/Kg		92	50 - 120	5	30
Aroclor 1260	ND		267	254		ug/Kg		95	50 - 125	6	30
	</										

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-448495/1-A ^5

Matrix: Solid

Analysis Batch: 448648

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/23/17 12:57	12/26/17 16:33	5
Lead	ND		2.0	1.0	mg/Kg		12/23/17 12:57	12/26/17 16:33	5

Lab Sample ID: LCS 440-448495/2-A ^5

Matrix: Solid

Analysis Batch: 448648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.3	47.5		mg/Kg		97	80 - 120
Lead	49.3	47.7		mg/Kg		97	80 - 120

Lab Sample ID: 440-199034-A-1-B MS ^5

Matrix: Solid

Analysis Batch: 448648

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.2		50.0	54.2		mg/Kg		100	75 - 125
Lead	4.7		50.0	51.6		mg/Kg		94	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

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

Lab Sample ID: 440-199034-A-1-C MSD ^5

Matrix: Solid

Analysis Batch: 448648

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448495

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	4.2		49.3	51.7		mg/Kg		96	75 - 125	5	20
Lead	4.7		49.3	49.6		mg/Kg		91	75 - 125	4	20

Lab Sample ID: MB 440-448496/1-A ^5

Matrix: Solid

Analysis Batch: 448661

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448496

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		12/23/17 12:58	12/26/17 18:49	5
Lead	ND		2.0	0.99	mg/Kg		12/23/17 12:58	12/26/17 18:49	5

Lab Sample ID: LCS 440-448496/2-A ^5

Matrix: Solid

Analysis Batch: 448661

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448496

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	48.6		mg/Kg		98	80 - 120
Lead	49.8	48.9		mg/Kg		98	80 - 120

Lab Sample ID: 440-199093-33 MS

Matrix: Solid

Analysis Batch: 448661

Client Sample ID: AOC1-B103-D0.5

Prep Type: Total/NA

Prep Batch: 448496

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	3.8		49.8	50.3		mg/Kg		93	75 - 125
Lead	4.6		49.8	49.3		mg/Kg		90	75 - 125

Lab Sample ID: 440-199093-33 MSD

Matrix: Solid

Analysis Batch: 448661

Client Sample ID: AOC1-B103-D0.5

Prep Type: Total/NA

Prep Batch: 448496

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	3.8		49.3	49.8		mg/Kg		93	75 - 125	1	20
Lead	4.6		49.3	49.1		mg/Kg		90	75 - 125	1	20

Lab Sample ID: MB 440-448713/1-A

Matrix: Water

Analysis Batch: 448882

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		12/27/17 07:45	12/27/17 17:15	1
Lead	ND		0.0050	0.0038	mg/L		12/27/17 07:45	12/27/17 17:15	1

Lab Sample ID: LCS 440-448713/2-A

Matrix: Water

Analysis Batch: 448882

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	0.879		mg/L		88	80 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

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

Lab Sample ID: LCS 440-448713/2-A
Matrix: Water
Analysis Batch: 448882

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 448713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.874		mg/L		87	80 - 120

Lab Sample ID: 440-198876-D-12-B MS
Matrix: Water
Analysis Batch: 448882

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 448713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	0.921		mg/L		92	75 - 125
Lead	ND		1.00	0.911		mg/L		91	75 - 125

Lab Sample ID: 440-198876-D-12-C MSD
Matrix: Water
Analysis Batch: 448882

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 448713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	ND		1.00	0.891		mg/L		89	75 - 125	3	20
Lead	ND		1.00	0.884		mg/L		88	75 - 125	3	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

GC Semi VOA

Prep Batch: 448689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-67	E122117	Total/NA	Water	3510C	
MB 440-448689/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-448689/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 440-448689/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-448689/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 440-448689/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 448716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-67	E122117	Total/NA	Water	8081A	448689
MB 440-448689/1-A	Method Blank	Total/NA	Water	8081A	448689
LCS 440-448689/2-A	Lab Control Sample	Total/NA	Water	8081A	448689
LCSD 440-448689/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	448689

Analysis Batch: 448718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-67	E122117	Total/NA	Water	8082	448689
MB 440-448689/1-A	Method Blank	Total/NA	Water	8082	448689
LCS 440-448689/4-A	Lab Control Sample	Total/NA	Water	8082	448689
LCSD 440-448689/5-A	Lab Control Sample Dup	Total/NA	Water	8082	448689

Prep Batch: 448949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-19	AOC1-B101-D0.5	Total/NA	Solid	3546	
440-199093-22	AOC1-B101-D0.5-DUP	Total/NA	Solid	3546	
440-199093-60	AOC1-B114-D0.5	Total/NA	Solid	3546	
440-199093-66	AOC1-B114-D0.5-DUP	Total/NA	Solid	3546	
MB 440-448949/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-448949/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199024-G-1-F MS	Matrix Spike	Total/NA	Solid	3546	
440-199024-G-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 449223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-19	AOC1-B101-D0.5	Total/NA	Solid	8082	448949
440-199093-22	AOC1-B101-D0.5-DUP	Total/NA	Solid	8082	448949
440-199093-60	AOC1-B114-D0.5	Total/NA	Solid	8082	448949
440-199093-66	AOC1-B114-D0.5-DUP	Total/NA	Solid	8082	448949
MB 440-448949/1-A	Method Blank	Total/NA	Solid	8082	448949
LCS 440-448949/2-A	Lab Control Sample	Total/NA	Solid	8082	448949
440-199024-G-1-F MS	Matrix Spike	Total/NA	Solid	8082	448949
440-199024-G-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	448949

Metals

Prep Batch: 448495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-1	AOC1-B90-D0.5	Total/NA	Solid	3050B	
440-199093-4	AOC1-B91-D0.5	Total/NA	Solid	3050B	
440-199093-7	AOC1-B92-D0.5	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Metals (Continued)

Prep Batch: 448495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-10	AOC1-B98-D0.5	Total/NA	Solid	3050B	
440-199093-13	AOC1-B99-D0.5	Total/NA	Solid	3050B	
440-199093-16	AOC1-B100-D0.5	Total/NA	Solid	3050B	
440-199093-19	AOC1-B101-D0.5	Total/NA	Solid	3050B	
440-199093-22	AOC1-B101-D0.5-DUP	Total/NA	Solid	3050B	
440-199093-24	AOC1-B102-D0.5	Total/NA	Solid	3050B	
440-199093-27	AOC1-B105-D0.5	Total/NA	Solid	3050B	
440-199093-30	AOC1-B104-D0.5	Total/NA	Solid	3050B	
MB 440-448495/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448495/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-199034-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-199034-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 448496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-33	AOC1-B103-D0.5	Total/NA	Solid	3050B	
440-199093-36	AOC1-B106-D0.5	Total/NA	Solid	3050B	
440-199093-39	AOC1-B107-D0.5	Total/NA	Solid	3050B	
440-199093-42	AOC1-B108-D0.5	Total/NA	Solid	3050B	
440-199093-45	AOC1-B109-D0.5	Total/NA	Solid	3050B	
440-199093-48	AOC1-B111-D0.5	Total/NA	Solid	3050B	
440-199093-51	AOC1-B110-D0.5	Total/NA	Solid	3050B	
440-199093-54	AOC1-B112-D0.5	Total/NA	Solid	3050B	
440-199093-57	AOC1-B113-D0.5	Total/NA	Solid	3050B	
440-199093-60	AOC1-B114-D0.5	Total/NA	Solid	3050B	
440-199093-63	AOC1-B115-D0.5	Total/NA	Solid	3050B	
440-199093-66	AOC1-B114-D0.5-DUP	Total/NA	Solid	3050B	
MB 440-448496/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448496/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-199093-33 MS	AOC1-B103-D0.5	Total/NA	Solid	3050B	
440-199093-33 MSD	AOC1-B103-D0.5	Total/NA	Solid	3050B	

Analysis Batch: 448648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-1	AOC1-B90-D0.5	Total/NA	Solid	6010B	448495
440-199093-4	AOC1-B91-D0.5	Total/NA	Solid	6010B	448495
440-199093-7	AOC1-B92-D0.5	Total/NA	Solid	6010B	448495
440-199093-10	AOC1-B98-D0.5	Total/NA	Solid	6010B	448495
440-199093-13	AOC1-B99-D0.5	Total/NA	Solid	6010B	448495
440-199093-16	AOC1-B100-D0.5	Total/NA	Solid	6010B	448495
440-199093-19	AOC1-B101-D0.5	Total/NA	Solid	6010B	448495
440-199093-22	AOC1-B101-D0.5-DUP	Total/NA	Solid	6010B	448495
440-199093-24	AOC1-B102-D0.5	Total/NA	Solid	6010B	448495
440-199093-27	AOC1-B105-D0.5	Total/NA	Solid	6010B	448495
440-199093-30	AOC1-B104-D0.5	Total/NA	Solid	6010B	448495
MB 440-448495/1-A ^5	Method Blank	Total/NA	Solid	6010B	448495
LCS 440-448495/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448495
440-199034-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	448495
440-199034-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	448495

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Metals (Continued)

Analysis Batch: 448661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-33	AOC1-B103-D0.5	Total/NA	Solid	6010B	448496
440-199093-36	AOC1-B106-D0.5	Total/NA	Solid	6010B	448496
440-199093-39	AOC1-B107-D0.5	Total/NA	Solid	6010B	448496
440-199093-42	AOC1-B108-D0.5	Total/NA	Solid	6010B	448496
440-199093-45	AOC1-B109-D0.5	Total/NA	Solid	6010B	448496
440-199093-48	AOC1-B111-D0.5	Total/NA	Solid	6010B	448496
440-199093-51	AOC1-B110-D0.5	Total/NA	Solid	6010B	448496
440-199093-54	AOC1-B112-D0.5	Total/NA	Solid	6010B	448496
440-199093-57	AOC1-B113-D0.5	Total/NA	Solid	6010B	448496
440-199093-60	AOC1-B114-D0.5	Total/NA	Solid	6010B	448496
440-199093-63	AOC1-B115-D0.5	Total/NA	Solid	6010B	448496
440-199093-66	AOC1-B114-D0.5-DUP	Total/NA	Solid	6010B	448496
MB 440-448496/1-A ^5	Method Blank	Total/NA	Solid	6010B	448496
LCS 440-448496/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448496
440-199093-33 MS	AOC1-B103-D0.5	Total/NA	Solid	6010B	448496
440-199093-33 MSD	AOC1-B103-D0.5	Total/NA	Solid	6010B	448496

Prep Batch: 448713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-67	E122117	Total Recoverable	Water	3005A	
MB 440-448713/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-448713/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-198876-D-12-B MS	Matrix Spike	Total Recoverable	Water	3005A	
440-198876-D-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 448882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-67	E122117	Total Recoverable	Water	6010B	448713
MB 440-448713/1-A	Method Blank	Total Recoverable	Water	6010B	448713
LCS 440-448713/2-A	Lab Control Sample	Total Recoverable	Water	6010B	448713
440-198876-D-12-B MS	Matrix Spike	Total Recoverable	Water	6010B	448713
440-198876-D-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	448713

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

TestAmerica Irvine
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Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		COC No: 1 of 7 COCs	
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day <input type="checkbox"/>		Filtered Sample (Y/N)		Carrier:	
Project Name: Reseda HS PEA Site: Reseda HS P O #		Sample Identification		Sample Type (C=Comp, G=Grab)		Sample Specific Notes:	
		Sample Date	Sample Time	Matrix	# of Cont.	Arsenic	PCBs
AOC1-B90-P0.5		12/21/17	0720	G	1	X	
AOC1-B90-P1.5		12/21/17	0735	G	1		
AOC1-B90-P2.5		12/21/17	0730	G	1		
AOC1-B91-P0.5		12/21/17	0735	G	1	X	
AOC1-B91-P1.5		12/21/17	0740	G	1		
AOC1-B91-P2.5		12/21/17	0745	G	1		
AOC1-B92-P0.5		12/21/17	0750	G	1	X	
AOC1-B92-P1.5		12/21/17	0755	G	1		
AOC1-B92-P2.5		12/21/17	0800	G	1		
AOC1-B98-P0.5		12/21/17	0805	G	1	X	
AOC1-B98-P1.5		12/21/17	0810	G	1		
AOC1-B98-P2.5		12/21/17	0815	G	1		

440-199093 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/21/17		Company: [Signature]	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12-21-17 19:12		Company: [Signature]	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12-21-17 19:12		Company: [Signature]	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/21/17		COC No: 7 of 7 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Matrix Cont.		Arsenic		Walk-in Client:	
(626) 440-6133		TAT if different from Below: <u>Std</u>		# of		Lead		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Sample Type (G=Comp, G=Grab)		PCBs		Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week		Sample Date		OC			
P.O.#		<input type="checkbox"/> 2 days		Sample Time					
		<input type="checkbox"/> 1 day							

Sample Identification	Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Arsenic	Lead	PCBs	OC	Sample Specific Notes:
A001-1399-P0.5	12/21/17	0820	G	S	1			X	X			Hold
A001-1399-P1.5	12/21/17	0825	G	S	1							Hold
A001-1399-P2.5	12/21/17	0830	G	S	1							Hold
A001-13100-P0.5	12/21/17	0835	G	S	1			X	X			Hold
A001-13100-P1.5	12/21/17	0840	G	S	1							Hold
A001-13100-P2.5	12/21/17	0845	G	S	1							Hold
A001-13101-P0.5	12/21/17	0850	G	S	1			X	X	X		Hold
A001-13101-P1.5	12/21/17	0855	G	S	1							Hold
A001-13101-P2.5	12/21/17	0900	G	S	1							Hold
A001-13101-P0.5-P4	12/21/17	0850	G	S	1			X	X	X		Hold
6122117	12/21/17	0700	G	S	4			X	X	X		Equipment Blank

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Relinquished by: [Signature]	Company: PARSONS	Date/Time: 12/21/17	Received by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Therm ID No.:
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 12/21/17
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 12/21/17

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Chain of Custody Record

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/21/17		COC No: 3 of 7 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:	
Pasadena, Ca 91124		TAT if different from Below: _____		2 weeks		Lab Sampling:		Job / SDG No.:	
(626) 440-6133		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days					
Project Name: Reseda HS PEA		<input type="checkbox"/> 1 day							
Site: Reseda HS									
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Sample Specific Notes:
AOC1-B102-D0.5	12/21/17	0905	G	S	1				Hold
AOC1-B102-D1.5	12/21/17	0910	G	S	1				Hold
AOC1-B102-D2.5	12/21/17	0915	G	S	1				Hold
AOC1-B103-D0.5	12/21/17	0920	G	S	1				Hold
AOC1-B103-D1.5	12/21/17	0925	G	S	1				Hold
AOC1-B103-D2.5	12/21/17	0930	G	S	1				Hold
AOC1-B104-D0.5	12/21/17	0935	G	S	1				Hold
AOC1-B104-D1.5	12/21/17	0940	G	S	1				Hold
AOC1-B104-D2.5	12/21/17	0945	G	S	1				Hold
AOC1-B103-D0.5	12/21/17	0950	G	S	1				Hold
AOC1-B103-D1.5	12/21/17	0955	G	S	1				Hold
AOC1-B103-D2.5	12/21/17	1000	G	S	1				Hold
<p>Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other</p> <p>Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p> <p><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown</p> <p>Special Instructions/QC Requirements & Comments:</p>									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Cor'd:		Therm ID No.:	
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/21/17		Received by: [Signature]		Company: Parsons	
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/21/17 19:12		Received by: [Signature]		Company: Parsons	
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/21/17 19:12		Received by: [Signature]		Company: Parsons	

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 12/21/17		COC No: 5 of 7 COCs		
Parsons		Analysis Turnaround Time		Filtered Sample (Y/N)		Carrier:		Sampler: Nenette Paulson		
100 West Walnut St		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Perform MS / MSD (Y/N)				For Lab Use Only:		
Pasadena, Ca 91124		TAT if different from Below Std						Walk-in Client:		
(626) 440-6133		<input type="checkbox"/> 2 weeks						Lab Sampling:		
Project Name: Reseda HS PEA		<input type="checkbox"/> 1 week						Job / SDG No.:		
Site: Reseda HS		<input type="checkbox"/> 2 days								
PO #		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Asaric	PCBs	OCP	Sample Specific Notes:
AOC1-B111-00.5		12/21/17	1105	G	S	1	X			Hold
AOC1-B111-01.5		12/21/17	1110	G	S	1				Hold
AOC1-B111-02.5		12/21/17	1115	G	S	1				Hold
AOC1-B110-00.5		12/21/17	1120	G	S	1	X			Hold
AOC1-B110-01.5		12/21/17	1125	G	S	1				Hold
AOC1-B110-02.5		12/21/17	1130	G	S	1				Hold
AOC1-B112-00.5		12/21/17	1135	G	S	1	X			Hold
AOC1-B112-01.5		12/21/17	1140	G	S	1				Hold
AOC1-B112-02.5		12/21/17	1145	G	S	1				Hold
AOC1-B113-00.5		12/21/17	1150	G	S	1	X			Hold
AOC1-B113-01.5		12/21/17	1155	G	S	1				Hold
AOC1-B113-02.5		12/21/17	1200	G	S	1				Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Custody Seal No.:
Relinquished by:			Company: Parsons Date/Time: 12/21/17
Relinquished by:			Company: Company: Date/Time: 12-21-17 1639
Relinquished by:			Company: Company: Date/Time: 12/21/17 1412

Therm ID No.:

Return to Client ☐ Disposal by Lab ☒ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

IL-DS 1.6/1.5

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-199093-1

Login Number: 199093

List Source: TestAmerica Irvine

List Number: 1

Creator: Garcia, Veronica G

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

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Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198798-2

Client Project/Site: LAUSD Reseda H.S., CA

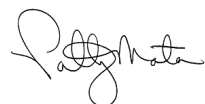
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

1/11/2018 4:20:20 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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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.

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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198798-4	AOC1-B34-D0.5	Solid	12/18/17 08:25	12/19/17 13:10
440-198798-5	AOC1-B34-D1.5	Solid	12/18/17 08:30	12/19/17 13:10
440-198798-6	AOC1-B34-D2.5	Solid	12/18/17 08:35	12/19/17 13:10
440-198798-86	AOC1-B64-D1.5	Solid	12/18/17 15:10	12/19/17 13:10
440-198798-87	AOC1-B64-D2.5	Solid	12/18/17 15:15	12/19/17 13:10
440-198798-89	AOC1-B58-D1.5	Solid	12/18/17 15:25	12/19/17 13:10
440-198798-90	AOC1-B58-D2.5	Solid	12/18/17 15:35	12/19/17 13:10

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Job ID: 440-198798-2

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198798-2

Comments

Only the additional total Lead or Arsenic results, and the STLC Lead results are included in this report, per client's 1/3/18 email request.

Receipt

The samples were received on 12/19/2017 1:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 2.2° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Client Sample ID: AOC1-B34-D0.5

Lab Sample ID: 440-198798-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.1		0.10	0.080	mg/L	20		6010B	STLC Citrate

Client Sample ID: AOC1-B34-D1.5

Lab Sample ID: 440-198798-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-D2.5

Lab Sample ID: 440-198798-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	29		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-D1.5

Lab Sample ID: 440-198798-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-D2.5

Lab Sample ID: 440-198798-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-D1.5

Lab Sample ID: 440-198798-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-D2.5

Lab Sample ID: 440-198798-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Client Sample ID: AOC1-B34-D0.5

Lab Sample ID: 440-198798-4

Date Collected: 12/18/17 08:25

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.1		0.10	0.080	mg/L			01/08/18 11:09	20

Client Sample ID: AOC1-B34-D1.5

Lab Sample ID: 440-198798-5

Date Collected: 12/18/17 08:30

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21		2.0	1.0	mg/Kg		01/03/18 15:10	01/04/18 16:35	5

Client Sample ID: AOC1-B34-D2.5

Lab Sample ID: 440-198798-6

Date Collected: 12/18/17 08:35

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	29		2.0	1.0	mg/Kg		01/03/18 15:10	01/04/18 16:45	5

Client Sample ID: AOC1-B64-D1.5

Lab Sample ID: 440-198798-86

Date Collected: 12/18/17 15:10

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 16:47	5

Client Sample ID: AOC1-B64-D2.5

Lab Sample ID: 440-198798-87

Date Collected: 12/18/17 15:15

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.6		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 16:49	5

Client Sample ID: AOC1-B58-D1.5

Lab Sample ID: 440-198798-89

Date Collected: 12/18/17 15:25

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 16:58	5

Client Sample ID: AOC1-B58-D2.5

Lab Sample ID: 440-198798-90

Date Collected: 12/18/17 15:35

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:00	5

TestAmerica Irvine

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Client Sample ID: AOC1-B34-D0.5

Date Collected: 12/18/17 08:25

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.05 g	500 mL	449937	01/03/18 21:39	CDH	TAL IRV
STLC Citrate	Analysis	6010B		20			450512	01/08/18 11:09	B1H	TAL IRV

Client Sample ID: AOC1-B34-D1.5

Date Collected: 12/18/17 08:30

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 16:35	VS	TAL IRV

Client Sample ID: AOC1-B34-D2.5

Date Collected: 12/18/17 08:35

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 16:45	VS	TAL IRV

Client Sample ID: AOC1-B64-D1.5

Date Collected: 12/18/17 15:10

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-86

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 16:47	VS	TAL IRV

Client Sample ID: AOC1-B64-D2.5

Date Collected: 12/18/17 15:15

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-87

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 16:49	VS	TAL IRV

Client Sample ID: AOC1-B58-D1.5

Date Collected: 12/18/17 15:25

Date Received: 12/19/17 13:10

Lab Sample ID: 440-198798-89

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 16:58	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Client Sample ID: AOC1-B58-D2.5

Lab Sample ID: 440-198798-90

Date Collected: 12/18/17 15:35

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:00	VS	TAL IRV

Laboratory References:
TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-449862/1-A ^5
Matrix: Solid
Analysis Batch: 450129

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 16:31	5
Lead	ND		2.0	1.0	mg/Kg		01/03/18 15:10	01/04/18 16:31	5

Lab Sample ID: LCS 440-449862/2-A ^5
Matrix: Solid
Analysis Batch: 450129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449862

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.5	49.1		mg/Kg		99	80 - 120
Lead	49.5	48.7		mg/Kg		98	80 - 120

Lab Sample ID: 440-198798-5 MS
Matrix: Solid
Analysis Batch: 450129

Client Sample ID: AOC1-B34-D1.5
Prep Type: Total/NA
Prep Batch: 449862

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	8.1		50.0	55.7		mg/Kg		95	75 - 125
Lead	21		50.0	66.5		mg/Kg		92	75 - 125

Lab Sample ID: 440-198798-5 MSD
Matrix: Solid
Analysis Batch: 450129

Client Sample ID: AOC1-B34-D1.5
Prep Type: Total/NA
Prep Batch: 449862

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	8.1		50.0	55.5		mg/Kg		95	75 - 125	0	20
Lead	21		50.0	64.7		mg/Kg		88	75 - 125	3	20

Lab Sample ID: MB 440-449937/1-A ^20
Matrix: Solid
Analysis Batch: 450512

Client Sample ID: Method Blank
Prep Type: STLC Citrate

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10	0.080	mg/L			01/08/18 10:45	20

Lab Sample ID: LCS 440-449937/2-A ^20
Matrix: Solid
Analysis Batch: 450512

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	20.0	19.1		mg/L		96	80 - 120

Lab Sample ID: 440-198876-A-60-B MS ^20
Matrix: Solid
Analysis Batch: 450512

Client Sample ID: Matrix Spike
Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	2.7		20.0	21.5		mg/L		94	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

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

Lab Sample ID: 440-198876-A-60-B MSD ^20

Matrix: Solid

Analysis Batch: 450512

Client Sample ID: Matrix Spike Duplicate

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	2.7		20.0	21.1		mg/L		92	75 - 125	2	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Metals

Prep Batch: 449862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-5	AOC1-B34-D1.5	Total/NA	Solid	3050B	
440-198798-6	AOC1-B34-D2.5	Total/NA	Solid	3050B	
440-198798-86	AOC1-B64-D1.5	Total/NA	Solid	3050B	
440-198798-87	AOC1-B64-D2.5	Total/NA	Solid	3050B	
440-198798-89	AOC1-B58-D1.5	Total/NA	Solid	3050B	
440-198798-90	AOC1-B58-D2.5	Total/NA	Solid	3050B	
MB 440-449862/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-449862/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198798-5 MS	AOC1-B34-D1.5	Total/NA	Solid	3050B	
440-198798-5 MSD	AOC1-B34-D1.5	Total/NA	Solid	3050B	

Leach Batch: 449937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-4	AOC1-B34-D0.5	STLC Citrate	Solid	CA WET Citrate	
MB 440-449937/1-A ^20	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 440-449937/2-A ^20	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
440-198876-A-60-B MS ^20	Matrix Spike	STLC Citrate	Solid	CA WET Citrate	
440-198876-A-60-B MSD ^20	Matrix Spike Duplicate	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 450129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-5	AOC1-B34-D1.5	Total/NA	Solid	6010B	449862
440-198798-6	AOC1-B34-D2.5	Total/NA	Solid	6010B	449862
440-198798-86	AOC1-B64-D1.5	Total/NA	Solid	6010B	449862
440-198798-87	AOC1-B64-D2.5	Total/NA	Solid	6010B	449862
440-198798-89	AOC1-B58-D1.5	Total/NA	Solid	6010B	449862
440-198798-90	AOC1-B58-D2.5	Total/NA	Solid	6010B	449862
MB 440-449862/1-A ^5	Method Blank	Total/NA	Solid	6010B	449862
LCS 440-449862/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	449862
440-198798-5 MS	AOC1-B34-D1.5	Total/NA	Solid	6010B	449862
440-198798-5 MSD	AOC1-B34-D1.5	Total/NA	Solid	6010B	449862

Analysis Batch: 450512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-4	AOC1-B34-D0.5	STLC Citrate	Solid	6010B	449937
MB 440-449937/1-A ^20	Method Blank	STLC Citrate	Solid	6010B	449937
LCS 440-449937/2-A ^20	Lab Control Sample	STLC Citrate	Solid	6010B	449937
440-198876-A-60-B MS ^20	Matrix Spike	STLC Citrate	Solid	6010B	449937
440-198876-A-60-B MSD ^20	Matrix Spike Duplicate	STLC Citrate	Solid	6010B	449937

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-2

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

TestAmerica Irvine
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Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181156

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: ☐

Company Name: <u>Parsons</u>	Client Contact	Project Manager: <u>Justin King</u>	Site Contact: <u>Nerette P.</u>	COC No: <u>1</u> of <u>8</u> COCs
Address: <u>100 West Walnut St</u>		Tel/Fax: <u>626-440-6133</u>	Lab Contact: <u>Ruth Muth</u>	Carrier: <u>12-18-17</u>
City/State/Zip: <u>Pasadena, CA 9124</u>				
Phone: <u>626-440-6133</u>				
Fax:				
Project Name: <u>Resale Hs PEA</u>				
Site: <u>Resale Hs PEA</u>				
P O #				

Sample Identification				Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample	Perform MS/MSD	Sample Specific Notes:
AOC1-B31-P0.5				12/18/17	0840	G	Sol	1		X	
AOC1-B31-P1.5				12/18/17	0845	G	Sol	1		X	Hold
AOC1-B31-P2.5				12/18/17	0850	G	Sol	1		X	Hold
AOC1-B34-P0.5				12/18/17	0825	G	Sol	1		X	Hold
AOC1-B34-P1.5				12/18/17	0830	G	Sol	1		X	Hold
AOC1-B34-P2.5				12/18/17	0835	G	Sol	1		X	Hold
AOC1-B37-P0.5				12/18/17	0810	G	Sol	1		X	Hold
AOC1-B37-P1.5				12/18/17	0815	G	Sol	1		X	Hold
AOC1-B37-P2.5				12/18/17	0820	G	Sol	1		X	Hold
AOC1-B30-P0.5				12/18/17	0940	G	Sol	1		X	Hold
AOC1-B30-P1.5				12/18/17	0945	G	Sol	1		X	Hold
AOC1-B30-P2.5				12/18/17	0950	G	Sol	1		X	Hold

440-196798 Chain of Custody

<

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other 1

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <u>Parsons</u>	Received by: <u>Parsons</u>	Company: <u>Parsons</u>	Company: <u>Parsons</u>	Date/Time: <u>12/18/17 1000</u>
Relinquished by: <u>1A</u>	Received by: <u>1A</u>	Company: <u>1A</u>	Company: <u>1A</u>	Date/Time: <u>12/19/17 1310</u>
Relinquished by: <u>1A</u>	Received by: <u>1A</u>	Company: <u>1A</u>	Company: <u>1A</u>	Date/Time: <u>12/19/17 1310</u>

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: Asbestos

Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>Negative Results</u>		Date: <u>12-18-17</u>	
Company Name: <u>Persons</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Asbestos</u>		COC No: <u>2</u> of <u>8</u> COCs	
Address: <u>100 West Walnut St</u>		City/State/Zip: <u>Riverside, CA 92504</u>		Analysis Turnaround Time		Sampler: <u>Quote P</u>	
Phone: <u>626-440-6133</u>		Fax:		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		For Lab Use Only:	
Project Name: <u>Persons Hs PEA</u>		Site: <u>Persons Hs PEA</u>		TAT if different from Below <u>Std</u>		Walk-in Client:	
PO #				<input type="checkbox"/> 2 weeks		Lab Sampling:	
				<input type="checkbox"/> 1 week		Job / SDG No.:	
				<input type="checkbox"/> 2 days			
				<input type="checkbox"/> 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
AOC1-B33-D0.5	12/18/17	0855	G	Soil	1	X	X	Hold
AOC1-B33-D1.5	12/18/17	0900	G	Soil	1	X	X	Hold
AOC1-B33-D2.5	12/18/17	0905	G	Soil	1	X	X	Hold
AOC1-B36-D0.5	12/18/17	0910	G	Soil	1	X	X	Hold
AOC1-B36-D1.5	12/18/17	0915	G	Soil	1	X	X	Hold
AOC1-B36-D2.5	12/18/17	0920	G	Soil	1	X	X	Hold
AOC1-B34-D0.5	12/18/17	0925	G	Soil	1	X	X	Hold
AOC1-B34-D1.5	12/18/17	0930	G	Soil	1	X	X	Hold
AOC1-B34-D2.5	12/18/17	0935	G	Soil	1	X	X	Hold
AOC1-B44-D0.5	12/18/17	0955	G	Soil	1	X	X	Hold
AOC1-B44-D1.5	12/18/17	1000	G	Soil	1	X	X	Hold
AOC1-B44-D2.5	12/18/17	1005	G	Soil	1	X	X	Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Cor'd:		Therm ID No.:	
Relinquished by:		Company:		Date/Time:		Company:		Date/Time:	
Relinquished by:		Company:		Date/Time:		Company:		Date/Time:	
Relinquished by:		Company:		Date/Time:		Company:		Date/Time:	

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Mendette P.		Date: 12-18-17		COC No: 7 of 8 COCs	
Company Name: Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Natta		Carrier:		Sampler: Mendette	
Address: 100 West Walnut St								For Lab Use Only:	
City/State/Zip: Pasadena CA 91124								Walk-in Client:	
Phone: 626-440-6133								Lab Sampling:	
Fax:								Job / SDG No.:	
Project Name: Reseda HS PEA									
Site: Reseda High School									
PO #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
AOC1-B38-D0.5	12/18/17	12:10	G	Sol	1		X		
AOC1-B38-D1.5	12/18/17	12:15	G	Sol	1		X		Hold
AOC1-B38-D2.5	12/18/17	12:20	G	Sol	1		X		Hold
AOC1-B45-D0.5	12/18/17	11:10	G	Sol	1		X		
AOC1-B45-D1.5	12/18/17	11:15	G	Sol	1		X		Hold
AOC1-B45-D2.5	12/18/17	11:20	G	Sol	1		X		Hold
AOC1-B41-D0.5	12/18/17	10:10	G	Sol	1		X		
AOC1-B41-D1.5	12/18/17	10:15	G	Sol	1		X		Hold
AOC1-B41-D2.5	12/18/17	10:20	G	Sol	1		X		Hold
AOC1-B40-D0.5	12/18/17	10:25	G	Sol	1		X		
AOC1-B40-D1.5	12/18/17	10:30	G	Sol	1		X		Hold
AOC1-B40-D2.5	12/18/17	10:35	G	Sol	1		X		Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client ☐ Disposal by Lab ☒ Archive for _____ Months

Cooler Temp. (°C): Obs'd: _____ Cor'd: _____ Therm ID No.: _____

Custody Seal No.: _____

Relinquished by: _____ Company: Parsons Date/Time: 12-18-17 1:00

Relinquished by: _____ Company: TJA Date/Time: 12-19-17 13:00

Relinquished by: _____ Company: TJA Date/Time: 12-19-17 13:10

TestAmerica Irvine
17461 Perian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

1811162

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TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: Lead

Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>Forrest</u>		Date: <u>12-18-17</u>		COC No: <u>5</u> of <u>3</u> COCs	
Company Name: <u>Parsons</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Forrest</u>		Carrier:		Sampler:	
Address: <u>100 West Walnut St</u>		City/State/Zip: <u>Pasadena, Ca 91124</u>		Phone: <u>626-440-6133</u>		Fax:		For Lab Use Only:	
Project Name: <u>Road HS PEA</u>		Site: <u>Road HS School</u>		PO #		Analysis Turnaround Time		Walk-in Client:	
						TAT if different from Below		Lab Sampling:	
						<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Job / SDG No.:	
						2 weeks			
						1 week			
						2 days			
						1 day			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
AOC1-B47-D0.5		12/18/17	1155	G	S	1	X	X	Hold
AOC1-B47-D1.5		12/18/17	1200	G	S	1			Hold
AOC1-B47-D2.5		12/18/17	1205	G	S	1			
AOC1-B52-D0.5		12/18/17	1250	G	S	1	X	X	Hold
AOC1-B52-D1.5		12/18/17	1255	G	S	1			Hold
AOC1-B52-D2.5		12/18/17	1300	G	S	1			
AOC1-B55-D0.5		12/18/17	1305	G	S	1	X	X	Hold
AOC1-B55-D1.5		12/18/17	1310	G	S	1			Hold
AOC1-B55-D2.5		12/18/17	1315	G	S	1	X	X	Hold
AOC1-B52-D1.5-Dup		12/18/17	1255	G	S	1	X	X	Hold
AOC1-B55-D1.5-Dup		12/18/17	1310	G	S	1	X	X	Hold
AOC1-B59-D0.5-Dup		12/18/17	1325	G	S	1	X	X	Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.:		Custody Seal No.:		Custody Seal No.:	
Relinquished by:	<u>Parsons</u>	Received by:	<u>Forrest</u>	Company:	<u>TA</u>
Relinquished by:	<u>Forrest</u>	Received by:	<u>Forrest</u>	Company:	<u>TA</u>
Relinquished by:	<u>Forrest</u>	Received by:	<u>Forrest</u>	Company:	<u>TA</u>

Therm ID No.: _____
Cooler Temp (°C): _____
Date/Time: 12/19/17 10:00
Date/Time: 12/19/17 10:00
Date/Time: 12/19/17 13:10

TestAmerica Irvine
17461 Berian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record 181159

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TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other:		Project Manager: Justin King		Site Contact: Wendie P		Date: 12-18-17		COC No: 63 of 8 COCs	
Company Name: Parsons		Tel/Fax: 626-440-6133		Lab Contact: Mary Nabor		Carrier:		Sampler:	
Address: 100 West Walnut St		Analysis Turnaround Time		Perform MS/MSD (Y/N)		Filtered Sample (Y/N)		For Lab Use Only:	
City/State/Zip: Pasadena CA 91244		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below				Walk-in Client:	
Phone: 626-440-6133		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week				Lab Sampling:	
Fax:		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day				Job / SDG No.:	
Project Name: Pasadena HSPBH		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Matrix	
Site: Pasadena High School		# of Cont.							
P O #									
Sample Identification		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Matrix	
AOC1-B59-D0.5		12/18/17		1320		G		S	
AOC1-B59-D1.5		12/18/17		1325		G		S	
AOC1-B59-D2.5		12/18/17		1330		G		S	
AOC1-B61-D0.5		12/18/17		1335		G		S	
AOC1-B61-D1.5		12/18/17		1340		G		S	
AOC1-B61-D2.5		12/18/17		1345		G		S	
AOC1-B70-D0.5		12/18/17		1350		G		S	
AOC1-B70-D1.5		12/18/17		1355		G		S	
AOC1-B70-D2.5		12/18/17		1400		G		S	
AOC1-B60-D0.5-DP		12/18/17		1405		G		S	
AOC1-B70-D0.5-DP		12/18/17		1355		G		S	
AOC1-B61-D0.5-DP		12/18/17		1335		G		S	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12-19-17		Received by: [Signature]		Company: [Signature]	
Relinquished by: [Signature]		Company: TP		Date/Time: 12/19/17		Received by: [Signature]		Company: [Signature]	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12/19/17		Received by: [Signature]		Company: [Signature]	

TestAmerica Irvine
17461 Gerian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181160

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TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: ☐

Client Contact		Project Manager: 505-Kin		Site Contact: Nene R.		Date: 12-11-17		COC No: 7 of 5 COCs	
Company Name: Parsons		Tel/Fax: 626-440-6133		Lab Contact: Peter Nute		Carrier:		Sampler: Nene R.	
Address: 100 West Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		For Lab Use Only:	
City/State/Zip: Pasadena, CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Date		Sample Time		Walk-in Client:	
Phone: 626-440-6133		TAT if different from Below		Sample Type (C=Comp, G=Grab)		Matrix		Lab Sampling:	
Fax:		2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day <input type="checkbox"/>		# of Cont.				Job / SDG No.:	
Project Name: Reservoir HSPA									
Site: Reservoir High School									
P O #									
Sample Identification		Sample Date		Sample Time		Matrix		Sample Specific Notes:	
AOC1-B60-D0.5		12/18/17		1405		G		Hold	
AOC1-B60-D1.5		12/18/17		1410		G		Hold	
AOC1-B60-D2.5		12/18/17		1415		G		Hold	
AOC1-B62-D0.5		12/18/17		1420		G		Hold	
AOC1-B62-D1.5		12/18/17		1425		G		Hold	
AOC1-B62-D2.5		12/18/17		1430		G		Hold	
AOC1-B67-D0.5		12/18/17		1435		G		Hold	
AOC1-B67-D1.5		12/18/17		1440		G		Hold	
AOC1-B67-D2.5		12/18/17		1445		G		Hold	
AOC1-B65-D0.5		12/18/17		1450		G		Hold	
AOC1-B65-D1.5		12/18/17		1455		G		Hold	
AOC1-B65-D2.5		12/18/17		1500		G		Hold	

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Special Instructions/QC Requirements & Comments:

Custody Seal No.:		Cooler Temp. (°C):		Corrid:		Therm ID No.:	
Relinquished by: [Signature]		Received by: [Signature]		Company: TNA		Date/Time: 12/19/17 10:00	
Relinquished by: [Signature]		Received by: [Signature]		Company: TNA		Date/Time: 12/19/17 13:10	
Relinquished by: [Signature]		Received by: [Signature]		Company: TNA		Date/Time: 12/19/17 13:10	

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Chain of Custody Record 1811161

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TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: ☐

Project Manager: Justin King		Site Contact: Noelle P.		Date: 12-18-17		COC No: 8 of 8 COCs	
Tel/Fax: 626-440-6133		Lab Contact:		Carrier:		Sampler:	
Analysis Turnaround Time		CALENDAR DAYS		WORKING DAYS		For Lab Use Only:	
TAT if different from Below		2 weeks		1 week		Walk-in Client:	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		Lab Sampling:	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		Job / SDG No.:	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
Project Name: Rexon HS PEA							
Site: Ranch High School							
PO #							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
AOC1-B64-D0.5	12/18/17	1505	C	S	1	X	X	Hold
AOC1-B64-D1.5	12/18/17	1510	C	S	1	X	X	Hold
AOC1-B64-D2.5	12/18/17	1515	C	S	1	X	X	Hold
AOC1-B58-D0.5	12/19/17	1520	C	S	1	X	X	Hold
AOC1-B58-D0.5	12/18/17	1525	C	S	1	X	X	Hold
AOC1-B58-D2.5	12/18/17	1530	C	S	1	X	X	Hold
E12-1817	12/18/17	1535	C	S	2	X	X	lab to composite sample AOC1-
AOC1-B40-B41-B43-B44-B45	12/18/17		C	S		X	X	lab to composite sample AOC1-
AOC1-B30-B31-B33-B34			C	S		X	X	lab to composite sample AOC1-
AOC1-B36-B37-B38-B39			C	S		X	X	lab to composite sample AOC1-
AOC1-B52-B54-B55-B60			C	S		X	X	lab to composite sample AOC1-

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Cor'd:	Therm ID No.:
Company: Parsons	Received by: [Signature]	Company: [Signature]	Company: [Signature]	Date/Time: 12/19/17 1000
Company: [Signature]	Received by: [Signature]	Company: [Signature]	Company: [Signature]	Date/Time: 12/19/17 1310
Company: [Signature]	Received by: [Signature]	Company: [Signature]	Company: [Signature]	Date/Time: 12/19/17 1310

Tran, Dennis Lam

From: King, Justin <Justin.King@parsons.com>
Sent: Wednesday, January 03, 2018 1:46 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: RE: Reseda

Follow Up Flag: Follow up
Flag Status: Flagged

-External Email-

Dennis
Can you have Pb run for STLC for the following soil samples?
AOC1-B6-D0.5
AOC1-B34-D0.5
AOC1-B108-D0.5
AOC1-B100-D0.5
Thanks,
Justin

From: Tran, Dennis Lam [mailto:Dennis.Tran@testamericainc.com]
Sent: Wednesday, January 03, 2018 8:30 AM
To: King, Justin <Justin.King@parsons.com>
Cc: Mata, Patty <Patty.Mata@testamericainc.com>
Subject: RE: Reseda

Good morning Justin,

AOC3-B1, primary and dup, are going to be reported separately as job J198799-2.

I will go ahead and make the changes you have outlined in the email below; this email should be sufficient enough.

DENNIS TRAN
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue Suite #100
Irvine, CA 92614
Tel 949 261 1022 Fax 949 260 3299
Dir 949 260 3236
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Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at : **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>

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From: King, Justin [<mailto:Justin.King@parsons.com>]
Sent: Tuesday, January 02, 2018 5:02 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: FW: Reseda

-External Email-

Hi Dennis

Patty is the project manager for a job that we conducted at the Reseda High School. I had a question regarding the analysis of dioxin and furans for lab report J198799. We requested a primary sample and dup to be analyzed but it was not reported.

I also submitted number of samples to be held. I would like to run some of those samples as outlined below. Do you need me to amend the original COC to request the analysis or submit a new COC? Or will this email suffice? (Lab ID numbers for the samples are J198798, J198799, J198876, J199093). Please let me know if you need further clarification. Thanks

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

From: King, Justin
Sent: Tuesday, January 02, 2018 4:56 PM
To: patty.mata@testamericainc.com
Subject: Reseda

Hi Patty

I did not see the results of the dioxin and furan testing for AOC3-B1. Were you going to report that separately?

Also, I will need the follow held samples analyzed.

- AOC1-B1-D1.5 and AOC1-B1-D2.5 for Arsenic.
- AOC1-B6-D1.5 and AOC1-B6-D2.5 for Lead
- AOC1-B8-D1.5 and AOC1-B8-D2.5 for Arsenic
- AOC1-B10-D1.5 and AOC1-B10-D2.5 for Arsenic
- AOC1-B22-D1.5 and AOC1-B22-D2.5 for Arsenic
- AOC1-B34-D1.5 and AOC1-B34-D2.5 for Lead
- AOC1-B58-D1.5 and AOC1-B58-D2.5 for Arsenic
- AOC1-B64-D1.5 and AOC1-B64-D2.5 for Arsenic
- AOC1-B77-D1.5 and AOC1-B77-D2.5 for Arsenic
- AOC1-B78-D1.5 and AOC1-B78-D2.5 for Arsenic

- AOC1-B81-D1.5 and AOC1-B81-D2.5 for Arsenic
- AOC1-B91-D1.5 and AOC1-B91-D2.5 for Arsenic
- AOC-B100-D1.5 and AOC1-B100-D2.5 for Lead
- AOC1-B108-D1.5 and AOC1-B109-D2.5 for Arsenic and Lead
- AOC1-B112-D1.5 and AOC1-B112-D2.5 for Arsenic

Please let me know if I need to amend the individual COCs to include the analysis request or send you a new COC.

Thanks

Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198798-2

Login Number: 198798

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	False	See case narrative.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198798-3

Client Project/Site: LAUSD Reseda H.S., CA

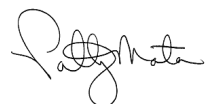
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

1/17/2018 4:16:38 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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results through

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Have a Question?



Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198798-4	AOC1-B34-D0.5	Solid	12/18/17 08:25	12/19/17 13:10

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Job ID: 440-198798-3

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198798-3

Comments

Only the results for additional TCLP test that was requested on 1/12/18 are included in this report.

Receipt

The samples were received on 12/19/2017 1:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 2.2° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Client Sample ID: AOC1-B34-D0.5

Lab Sample ID: 440-198798-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.15		0.10	0.040	mg/L	1		6010B	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Client Sample ID: AOC1-B34-D0.5

Lab Sample ID: 440-198798-4

Date Collected: 12/18/17 08:25

Matrix: Solid

Date Received: 12/19/17 13:10

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.15		0.10	0.040	mg/L		01/14/18 02:23	01/16/18 11:31	1

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Client Sample ID: AOC1-B34-D0.5

Lab Sample ID: 440-198798-4

Date Collected: 12/18/17 08:25

Matrix: Solid

Date Received: 12/19/17 13:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.05 g	2000 mL	451513	01/13/18 00:38	CDH	TAL IRV
TCLP	Prep	3010A			5 mL	50 mL	451596	01/14/18 02:23	CDH	TAL IRV
TCLP	Analysis	6010B		1			451962	01/16/18 11:31	B1H	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-451513/1-B
Matrix: Solid
Analysis Batch: 451962

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 451596

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10	0.040	mg/L		01/14/18 02:23	01/16/18 11:27	1

Lab Sample ID: LCS 440-451513/2-B
Matrix: Solid
Analysis Batch: 451962

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 451596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	2.00	1.98		mg/L		99	80 - 120

Lab Sample ID: 440-198798-4 MS
Matrix: Solid
Analysis Batch: 451962

Client Sample ID: AOC1-B34-D0.5
Prep Type: TCLP
Prep Batch: 451596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.15		2.00	2.11		mg/L		98	75 - 125

Lab Sample ID: 440-198798-4 MSD
Matrix: Solid
Analysis Batch: 451962

Client Sample ID: AOC1-B34-D0.5
Prep Type: TCLP
Prep Batch: 451596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.15		2.00	2.08		mg/L		97	75 - 125	1	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Metals

Leach Batch: 451513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-4	AOC1-B34-D0.5	TCLP	Solid	1311	
MB 440-451513/1-B	Method Blank	TCLP	Solid	1311	
LCS 440-451513/2-B	Lab Control Sample	TCLP	Solid	1311	
440-198798-4 MS	AOC1-B34-D0.5	TCLP	Solid	1311	
440-198798-4 MSD	AOC1-B34-D0.5	TCLP	Solid	1311	

Prep Batch: 451596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-4	AOC1-B34-D0.5	TCLP	Solid	3010A	451513
MB 440-451513/1-B	Method Blank	TCLP	Solid	3010A	451513
LCS 440-451513/2-B	Lab Control Sample	TCLP	Solid	3010A	451513
440-198798-4 MS	AOC1-B34-D0.5	TCLP	Solid	3010A	451513
440-198798-4 MSD	AOC1-B34-D0.5	TCLP	Solid	3010A	451513

Analysis Batch: 451962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198798-4	AOC1-B34-D0.5	TCLP	Solid	6010B	451596
MB 440-451513/1-B	Method Blank	TCLP	Solid	6010B	451596
LCS 440-451513/2-B	Lab Control Sample	TCLP	Solid	6010B	451596
440-198798-4 MS	AOC1-B34-D0.5	TCLP	Solid	6010B	451596
440-198798-4 MSD	AOC1-B34-D0.5	TCLP	Solid	6010B	451596

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198798-3

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Friday, January 12, 2018 10:39 AM
To: Mata, Patty
Subject: RE: TestAmerica additional metals report files from 440-198799-3 LAUSD Reseda H.S., CA

-External Email-

No problem. When do you think they will be ready?
Also, Can you run TCLP on **AOC1-B34-D0.5**.
It is over 5 for STLC.
Thanks
Justin

From: Mata, Patty [mailto:Patty.Mata@testamericainc.com]
Sent: Thursday, January 11, 2018 5:06 PM
To: King, Justin <Justin.King@parsons.com>
Subject: RE: TestAmerica additional metals report files from 440-198799-3 LAUSD Reseda H.S., CA

Justin,

Sorry! We ran the wrong samples! We tested the AOC3-B1 sample set instead of the AOC1-B1 set. I need to add the tests to job 440-198876 which has the correct samples in it. I just double-checked and all the other samples were correct, only the B1 samples were wrong. I will get the tests started on the correct B1 samples right away.

Sorry again for the mistake!

Thanks,

PATTY MATA
Project Manager

Test America
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave, Suite #100
Irvine, CA 92614
TEL 949-261-1022 | FAX 949-260-3297
DIRECT 949-260-3213

www.testamericainc.com[testamericainc.com]

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>[surveymonkey.com]

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TestAmerica Irvine
17461 Berian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181156

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other:		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nerette P. Lab Contact: Ruffy M. Date: 12-18-17		COC No: 1 of 8 COCs					
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: <u>STD.</u> <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
AOC1-B31-P0.5		12/18/17		0840		G		Soil		1	
AOC1-B31-P1.5		12/18/17		0845		G		Soil		1	
AOC1-B31-P2.5		12/18/17		0850		G		Soil		1	
AOC1-B34-P0.5		12/18/17		0825		G		Soil		1	
AOC1-B34-P1.5		12/18/17		0830		G		Soil		1	
AOC1-B34-P2.5		12/18/17		0835		G		Soil		1	
AOC1-B37-P0.5		12/18/17		0810		G		Soil		1	
AOC1-B37-P1.5		12/18/17		0815		G		Soil		1	
AOC1-B37-P2.5		12/18/17		0820		G		Soil		1	
AOC1-B30-P0.5		12/18/17		0940		G		Soil		1	
AOC1-B30-P1.5		12/18/17		0945		G		Soil		1	
AOC1-B30-P2.5		12/18/17		0950		G		Soil		1	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Return to Client <input type="checkbox"/> Archive for _____ Months <input type="checkbox"/>		Disposal by Lab <input checked="" type="checkbox"/>		Disposal by Lab <input type="checkbox"/>		Disposal by Lab <input type="checkbox"/>		Disposal by Lab <input type="checkbox"/>	
Special Instructions/QC Requirements & Comments:		Cooler Temp. (°C): Obs'd: _____		Cooler Temp. (°C): Obs'd: _____		Cooler Temp. (°C): Obs'd: _____		Cooler Temp. (°C): Obs'd: _____		Cooler Temp. (°C): Obs'd: _____	
Custody Seal No.:		Company: Perso-s		Company: Perso-s		Company: Perso-s		Company: Perso-s		Company: Perso-s	
Relinquished by: [Signature]		Date/Time: 12/14/17 1000		Date/Time: 12/14/17 1000		Date/Time: 12/14/17 1000		Date/Time: 12/14/17 1000		Date/Time: 12/14/17 1000	
Relinquished by: [Signature]		Date/Time: 12/14/17		Date/Time: 12/14/17		Date/Time: 12/14/17		Date/Time: 12/14/17		Date/Time: 12/14/17	
Relinquished by: [Signature]		Date/Time: 12/14/17		Date/Time: 12/14/17		Date/Time: 12/14/17		Date/Time: 12/14/17		Date/Time: 12/14/17	

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: Asbestos

Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>Negative Results</u>		Date: <u>12-18-17</u>	
Company Name: <u>Persons</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Asbestos</u>		COC No: <u>2</u> of <u>8</u> COCs	
Address: <u>100 West Walnut St</u>		City/State/Zip: <u>Riverside, CA 92504</u>		Analysis Turnaround Time		Sampler: <u>Asbestos</u>	
Phone: <u>626-440-6133</u>		Fax: <u></u>		TAT if different from Below <u>Std</u>		For Lab Use Only:	
Project Name: <u>Persons HS PEA</u>		Site: <u>Persons High School</u>		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Walk-in Client:	
PO #						Lab Sampling:	
						Job / SDG No.:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
AOC1-B33-D0.5	12/18/17	0855	G	Sol	1	X	X	Hold
AOC1-B33-D1.5	12/18/17	0900	G	Sol	1	X	X	Hold
AOC1-B33-D2.5	12/18/17	0905	G	Sol	1	X	X	Hold
AOC1-B36-D0.5	12/18/17	0910	G	Sol	1	X	X	Hold
AOC1-B36-D1.5	12/18/17	0915	G	Sol	1	X	X	Hold
AOC1-B36-D2.5	12/18/17	0920	G	Sol	1	X	X	Hold
AOC1-B34-D0.5	12/18/17	0925	G	Sol	1	X	X	Hold
AOC1-B34-D1.5	12/18/17	0930	G	Sol	1	X	X	Hold
AOC1-B34-D2.5	12/18/17	0935	G	Sol	1	X	X	Hold
AOC1-B44-D0.5	12/18/17	0955	G	Sol	1	X	X	Hold
AOC1-B44-D1.5	12/18/17	1000	G	Sol	1	X	X	Hold
AOC1-B44-D2.5	12/18/17	1005	G	Sol	1	X	X	Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Cor'd:		Therm ID No.:	
Relinquished by: <u>Persons</u>		Date/Time: <u>12/18/17</u>		Company: <u>JA</u>		Date/Time: <u>12/19/17</u>		Company: <u>JA</u>	
Relinquished by: <u>JA</u>		Date/Time: <u>12/18/17</u>		Company: <u>JA</u>		Date/Time: <u>12/19/17</u>		Company: <u>JA</u>	
Relinquished by: <u>JA</u>		Date/Time: <u>12/18/17</u>		Company: <u>JA</u>		Date/Time: <u>12/19/17</u>		Company: <u>JA</u>	

TestAmerica Irvine
17461 Berian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181158

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: Asbestos

Project Manager: Justin King Date: 12-18-17
Tel/Fax: 626-440-6135 Carrier:

Client Contact
Company Name: Parsons
Address: 100 West Walnut St
City/State/Zip: Redwood City, CA 94064
Phone: 626-440-6135
Fax:

Project Name: Redwood HS PBA
Site: Redwood High School
P.O.#

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Analysis Turnaround Time		Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Site Contact: <u>Asbestos</u>	Lab Contact: <u>Redwood</u>	COC No: <u>3</u> of <u>8</u> COCs
						CALENDAR DAYS	WORKING DAYS					
AOC 1-B54-P0.5	12/18/17	11:25	G	Soil	1	<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	<u>STD</u>	X	X			
AOC 1-B54-P1.5	12/18/17	11:30	G	Soil	1							
AOC 1-B54-P2.5	12/18/17	11:35	G	Soil	1							
AOC 1-B43-P0.5	12/18/17	10:40	G	Soil	1							
AOC 1-B43-P1.5	12/18/17	10:45	G	Soil	1							
AOC 1-B43-P2.5	12/18/17	10:50	G	Soil	1							
AOC 1-B46-P0.5	12/18/17	10:55	G	Soil	1							
AOC 1-B46-P1.5	12/18/17	11:00	G	Soil	1							
AOC 1-B46-P2.5	12/18/17	11:05	G	Soil	1							
AOC 1-B51-P0.5	12/18/17	11:40	G	Soil	1							
AOC 1-B51-P1.5	12/18/17	11:45	G	Soil	1							
AOC 1-B51-P2.5	12/18/17	11:50	G	Soil	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Custody Seal No.: _____

Relinquished by: [Signature] Date/Time: 12/19/17 10:00
Relinquished by: [Signature] Date/Time: 12/19/17 11:00
Relinquished by: [Signature] Date/Time: 12/19/17 13:10

Company: Parsons
Company: IA
Company: IA

Therm ID No.: _____

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Mendette P.		Date: 12-18-17		COC No: 7 of 8 COCs	
Company Name: Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Nantz		Carrier:		Sampler: Mendette	
Address: 100 West Walnut St								For Lab Use Only:	
City/State/Zip: Pasadena CA 91124								Walk-in Client:	
Phone: 626-440-6133								Lab Sampling:	
Fax:								Job / SDG No.:	
Project Name: Reseda HS PEA									
Site: Reseda High School									
PO#									
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:	
AOC1-B38-D0.5	12/18/17	1210	G	Soil	1		X		
AOC1-B38-D1.5	12/18/17	1215	G	Soil	1		X		Hold
AOC1-B38-D2.5	12/18/17	1220	G	Soil	1		X		Hold
AOC1-B45-D0.5	12/18/17	1110	G	Soil	1		X		
AOC1-B45-D1.5	12/18/17	1115	G	Soil	1		X		Hold
AOC1-B45-D2.5	12/18/17	1120	G	Soil	1		X		Hold
AOC1-B41-D0.5	12/18/17	1010	G	Soil	1		X		
AOC1-B41-D1.5	12/18/17	1015	G	Soil	1		X		Hold
AOC1-B41-D2.5	12/18/17	1020	G	Soil	1		X		Hold
AOC1-B40-D0.5	12/18/17	1025	G	Soil	1		X		
AOC1-B40-D1.5	12/18/17	1030	G	Soil	1		X		Hold
AOC1-B40-D2.5	12/18/17	1035	G	Soil	1		X		Hold

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Therm ID No.:	
Relinquished by:	Company: Parsons	Date/Time: 12-18-17 1:00	Received by:	Company: TJA	Date/Time: 12/19/17 1000		
Relinquished by:	Company: TJA	Date/Time: 12/19/17 1300	Received by:	Company:	Date/Time:		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: A	Date/Time: 12/19/17 1310		

Company Name: Paxson		Client Contact		Project Manager: Justin King		Site Contact: Justin King		COC No: 5 of 8 COCs	
Address: 100 West Walnut St				Tel/Fax: 626-440-6133		Lab Contact: Patty Muta		Date: 12-18-17	
City/State/Zip: Pasadena, Ca 91124									
Phone: 626-440-6133									
Fax:									
Project Name: Paxson HS PBA									
Site: Paxson High School									
PO #									

Analysis Turnaround Time				Sample Identification				Sample Specific Notes			
<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: 30 days <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day				Sample Date Sample Time Sample Type (C=Comp, G=Grab) Matrix # of Cont.				Filtered Sample (Y/N) Perform MS/MSD (Y/N)			
AOC1-B47-D0.5				12/18/17 1155 G S 1				X X			
AOC1-B47-D1.5				12/18/17 1200 G S 1				X X			
AOC1-B47-D2.5				12/18/17 1205 G S 1				X X			
AOC1-B52-D0.5				12/18/17 1250 G S 1				X X			
AOC1-B52-D1.5				12/18/17 1255 G S 1				X X			
AOC1-B52-D2.5				12/18/17 1300 G S 1				X X			
AOC1-B55-D0.5				12/18/17 1305 G S 1				X X			
AOC1-B55-D1.5				12/18/17 1310 G S 1				X X			
AOC1-B55-D2.5				12/18/17 1315 G S 1				X X			
AOC1-B52-D1.5-Dup				12/18/17 1255 G S 1				X X			
AOC1-B55-D1.5-Dup				12/18/17 1310 G S 1				X X			
AOC1-B59-P0.5-Dup				12/18/17 1325 G S 1				X X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant
☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:			
Custody Seal No.: _____		Custody Seal No.: _____	
Relinquished by: Paxson	Date/Time: 12-14-17 1000	Received by: Justin King	Date/Time: 12/19/17 1000
Relinquished by: Justin King	Date/Time: 12/14/17 1300	Received by: Justin King	Date/Time: 12/19/17 1310
Relinquished by: Justin King	Date/Time: 12/14/17 1310	Received in Laboratory by: Justin King	Date/Time: 12/19/17 1310

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Phone: 949.261.1022 Fax:

Chain of Custody Record 181159

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TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other:		Project Manager: Justin King		Site Contact: Wendie P		Date: 12-18-17		COC No: 63 of 8 COCs	
Company Name: Parsons		Tel/Fax: 626-440-6133		Lab Contact: Mary Nabor		Carrier:		Sampler:	
Address: 100 West Walnut St		Analysis Turnaround Time		Perform MS/MSD (Y/N)		Filtered Sample (Y/N)		For Lab Use Only:	
City/State/Zip: Pasadena CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below				Walk-in Client:	
Phone: 626-440-6133		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week				Lab Sampling:	
Fax:		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day				Job / SDG No.:	
Project Name: Pasadena HSPBH		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Matrix	
Site: Pasadena High School		# of Cont.							
P O #									
Sample Identification		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Matrix	
AOC1-B59-D0.5		12/18/17		1320		G		S	
AOC1-B59-D1.5		12/18/17		1325		G		S	
AOC1-B59-D2.5		12/18/17		1330		G		S	
AOC1-B61-D0.5		12/18/17		1335		G		S	
AOC1-B61-D1.5		12/18/17		1340		G		S	
AOC1-B61-D2.5		12/18/17		1345		G		S	
AOC1-B70-D0.5		12/18/17		1350		G		S	
AOC1-B70-D1.5		12/18/17		1355		G		S	
AOC1-B70-D2.5		12/18/17		1400		G		S	
AOC1-B60-D0.5-DP		12/18/17		1405		G		S	
AOC1-B70-D0.5-DP		12/18/17		1355		G		S	
AOC1-B61-D0.5-DP		12/18/17		1335		G		S	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12-18-17		Received by: [Signature]		Company: [Signature]	
Relinquished by: [Signature]		Company: TP		Date/Time: 12/19/17		Received by: [Signature]		Company: [Signature]	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12/19/17		Received by: [Signature]		Company: [Signature]	

Company Name: Parsons						Client Contact						Project Manager: J. Xinkis						Tel/Fax: 626-440-6133						Site Contact: Penelope P.						Date: 12-19-17						COC No:																																													
Address: 100 West Walnut St												Analysis Turnaround Time						Carrier:						Lab Contact: Penelope P.						For Lab Use Only:						Sampler: Penelope P.																																													
City/State/Zip: Pasadena, CA 91124												<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS																																																																					
Phone: 626-440-6133												TAT if different from Below																																																																					
Fax:												<input type="checkbox"/> 2 weeks																																																																					
Project Name: Residual HSPHA												<input type="checkbox"/> 1 week																																																																					
Site: Residual High School												<input type="checkbox"/> 2 days																																																																					
PO #												<input type="checkbox"/> 1 day																																																																					
Sample Identification																		Sample Date		Sample Time		Sample Type (G=Comp, G=Grab)		Matrix		# of Cont.		Filtered Sample (Y/N)																		Perform MS / MSD (Y/N)																		Sample Specific Notes:																	
AOC1-B60-D0.5																		12/18/17		1405		G		S		1		XX																		Hold																																			
AOC1-B60-D1.5																		12/18/17		1410		G		S		1		XX																		Hold																																			
AOC1-B60-D2.5																		12/18/17		1415		G		S		1		XX																		Hold																																			
AOC1-B62-D0.5																		12/18/17		1420		G		S		1		XX																		Hold																																			
AOC1-B62-D1.5																		12/18/17		1425		G		S		1		XX																		Hold																																			
AOC1-B62-D2.5																		12/18/17		1430		G		S		1		XX																		Hold																																			
AOC1-B67-D0.5																		12/18/17		1435		G		S		1		XX																		Hold																																			
AOC1-B67-D1.5																		12/18/17		1440		G		S		1		XX																		Hold																																			
AOC1-B67-D2.5																		12/18/17		1445		G		S		1		XX																		Hold																																			
AOC1-B65-D0.5																		12/18/17		1450		G		S		1		XX																		Hold																																			
AOC1-B65-D1.5																		12/18/17		1455		G		S		1		XX																		Hold																																			
AOC1-B65-D2.5																		12/18/17		1500		G		S		1		XX																		Hold																																			
Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other																																																																																	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.																																																																																	
Special Instructions/QC Requirements & Comments:																																																																																	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No												Custody Seal No.: _____												Cooler Temp. (°C): Obs'd: _____ Corrd: _____ Therm ID No.: _____																																																									
Relinquished by: [Signature]												Company: Parsons												Received by: [Signature]												Company: TIA												Date/Time: 12-19-17																																	
Relinquished by: [Signature]												Company: TIA												Received by: [Signature]												Company: A												Date/Time: 12-19-17																																	
Relinquished by: [Signature]												Company: A												Received by: [Signature]												Company: A												Date/Time: 12-19-17																																	

TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record 1811161

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TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: Asbestos

Client Contact	Project Manager: <u>Justin King</u>	Site Contact: <u>Donna P.</u>	Date: <u>12-18-17</u>	COC No: <u>8</u> of <u>8</u> COCs
Company Name: <u>SD Parsons</u>	Tel/Fax: <u>626-440-6133</u>	Lab Contact: <u>Asbestos</u>	Carrier: <u>Asbestos</u>	
Address: <u>10 West Walnut St.</u>	Analysis Turnaround Time			
City/State/Zip: <u>Pasadena, CA 91124</u>	<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS			
Phone: <u>626-440-6133</u>	TAT if different from Below <u>STD</u>			
Fax:	<input type="checkbox"/> 2 weeks			
	<input type="checkbox"/> 1 week			
	<input type="checkbox"/> 2 days			
	<input type="checkbox"/> 1 day			
Project Name: <u>Parsons HS PEA</u>				
Site: <u>Parsons High School</u>				
P.O.#				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
AOC1-B64-D0.5	12/18/17	1505	C	S	1	X	X	Hold
AOC1-B64-D1.5	12/18/17	1510	C	S	1	X	X	Hold
AOC1-B64-D2.5	12/18/17	1515	C	S	1	X	X	Hold
AOC1-B58-D0.5	12/19/17	1520	C	S	1	X	X	Hold
AOC1-B58-D0.5	12/18/17	1525	C	S	1	X	X	Hold
AOC1-B58-D2.5	12/18/17	1530	C	S	1	X	X	Hold
E12-1817	12/18/17	1535	C	S	2	X	X	lab to composite sample AOC1-
AOC1-B40-B41-B43-B44-B45	12/18/17		C	S		X	X	lab to composite sample AOC1-
AOC1-B30-B31-B33-B34			C	S		X	X	lab to composite sample AOC1-
AOC1-B36-B37-B38-B39			C	S		X	X	lab to composite sample AOC1-
AOC1-B52-B54-B55-B60			C	S		X	X	lab to composite sample AOC1-

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Cor'd:	Therm ID No.:
Company: <u>Parsons</u>	Received by: <u>[Signature]</u>	Company: <u>Parsons</u>	Date/Time: <u>12-19-17</u>	Date/Time: <u>12/19/17 1000</u>
Company: <u>LA</u>	Received by: <u>[Signature]</u>	Company: <u>LA</u>	Date/Time: <u>12/19/17</u>	Date/Time: <u>12/19/17 1310</u>
Company: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Company: <u>[Signature]</u>	Date/Time: <u>12/19/17</u>	Date/Time: <u>12/19/17 1310</u>

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198798-3

Login Number: 198798

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	False	See case narrative.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198799-3

Client Project/Site: LAUSD Reseda H.S., CA

Revision: 1

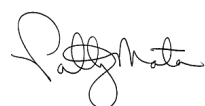
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

1/12/2018 11:58:16 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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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.

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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198799-72	AOC1-B81-D1.5	Solid	12/19/17 13:05	12/19/17 18:55
440-198799-73	AOC1-B81-D2.5	Solid	12/19/17 13:10	12/19/17 18:55
440-198799-75	AOC1-B78-D1.5	Solid	12/19/17 13:20	12/19/17 18:55
440-198799-76	AOC1-B78-D2.5	Solid	12/19/17 13:25	12/19/17 18:55
440-198799-78	AOC1-B77-D1.5	Solid	12/19/17 13:35	12/19/17 18:55
440-198799-79	AOC1-B77-D2.5	Solid	12/19/17 13:40	12/19/17 18:55
440-198799-84	AOC1-B22-D1.5	Solid	12/19/17 14:05	12/19/17 18:55
440-198799-85	AOC1-B22-D2.5	Solid	12/19/17 14:10	12/19/17 18:55

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Job ID: 440-198799-3

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198799-3

Comments

This report was revised on 1/12/18 to correct the list of additional samples reported for Arsenic.

Only the additional total Arsenic results are included in this report, per client's 1/3/18 email request.

Receipt

The samples were received on 12/19/2017 6:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.7° C and 5.9° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Client Sample ID: AOC1-B81-D1.5

Lab Sample ID: 440-198799-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-D2.5

Lab Sample ID: 440-198799-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-D1.5

Lab Sample ID: 440-198799-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-D2.5

Lab Sample ID: 440-198799-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-D1.5

Lab Sample ID: 440-198799-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	37		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-D2.5

Lab Sample ID: 440-198799-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	20		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-D1.5

Lab Sample ID: 440-198799-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-D2.5

Lab Sample ID: 440-198799-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Client Sample ID: AOC1-B81-D1.5

Date Collected: 12/19/17 13:05

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-72

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:06	5

Client Sample ID: AOC1-B81-D2.5

Date Collected: 12/19/17 13:10

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-73

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:08	5

Client Sample ID: AOC1-B78-D1.5

Date Collected: 12/19/17 13:20

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-75

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:10	5

Client Sample ID: AOC1-B78-D2.5

Date Collected: 12/19/17 13:25

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-76

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:12	5

Client Sample ID: AOC1-B77-D1.5

Date Collected: 12/19/17 13:35

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-78

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	37		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:14	5

Client Sample ID: AOC1-B77-D2.5

Date Collected: 12/19/17 13:40

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-79

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:16	5

Client Sample ID: AOC1-B22-D1.5

Date Collected: 12/19/17 14:05

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-84

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:31	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Client Sample ID: AOC1-B22-D2.5

Lab Sample ID: 440-198799-85

Date Collected: 12/19/17 14:10

Matrix: Solid

Date Received: 12/19/17 18:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:33	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Client Sample ID: AOC1-B81-D1.5

Date Collected: 12/19/17 13:05

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-72

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:06	VS	TAL IRV

Client Sample ID: AOC1-B81-D2.5

Date Collected: 12/19/17 13:10

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-73

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:08	VS	TAL IRV

Client Sample ID: AOC1-B78-D1.5

Date Collected: 12/19/17 13:20

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-75

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:10	VS	TAL IRV

Client Sample ID: AOC1-B78-D2.5

Date Collected: 12/19/17 13:25

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-76

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:12	VS	TAL IRV

Client Sample ID: AOC1-B77-D1.5

Date Collected: 12/19/17 13:35

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-78

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:14	VS	TAL IRV

Client Sample ID: AOC1-B77-D2.5

Date Collected: 12/19/17 13:40

Date Received: 12/19/17 18:55

Lab Sample ID: 440-198799-79

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:16	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Client Sample ID: AOC1-B22-D1.5

Lab Sample ID: 440-198799-84

Date Collected: 12/19/17 14:05

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:31	VS	TAL IRV

Client Sample ID: AOC1-B22-D2.5

Lab Sample ID: 440-198799-85

Date Collected: 12/19/17 14:10

Matrix: Solid

Date Received: 12/19/17 18:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:33	VS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-449862/1-A ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 16:31	5

Lab Sample ID: LCS 440-449862/2-A ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449862

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.5	49.1		mg/Kg		99	80 - 120

Lab Sample ID: 440-198798-A-5-B MS ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449862

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	8.1		50.0	55.7		mg/Kg		95	75 - 125

Lab Sample ID: 440-198798-A-5-C MSD ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449862

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	8.1		50.0	55.5		mg/Kg		95	75 - 125	0	20

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Metals

Prep Batch: 449862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-72	AOC1-B81-D1.5	Total/NA	Solid	3050B	
440-198799-73	AOC1-B81-D2.5	Total/NA	Solid	3050B	
440-198799-75	AOC1-B78-D1.5	Total/NA	Solid	3050B	
440-198799-76	AOC1-B78-D2.5	Total/NA	Solid	3050B	
440-198799-78	AOC1-B77-D1.5	Total/NA	Solid	3050B	
440-198799-79	AOC1-B77-D2.5	Total/NA	Solid	3050B	
440-198799-84	AOC1-B22-D1.5	Total/NA	Solid	3050B	
440-198799-85	AOC1-B22-D2.5	Total/NA	Solid	3050B	
MB 440-449862/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-449862/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198798-A-5-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-198798-A-5-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 450129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198799-72	AOC1-B81-D1.5	Total/NA	Solid	6010B	449862
440-198799-73	AOC1-B81-D2.5	Total/NA	Solid	6010B	449862
440-198799-75	AOC1-B78-D1.5	Total/NA	Solid	6010B	449862
440-198799-76	AOC1-B78-D2.5	Total/NA	Solid	6010B	449862
440-198799-78	AOC1-B77-D1.5	Total/NA	Solid	6010B	449862
440-198799-79	AOC1-B77-D2.5	Total/NA	Solid	6010B	449862
440-198799-84	AOC1-B22-D1.5	Total/NA	Solid	6010B	449862
440-198799-85	AOC1-B22-D2.5	Total/NA	Solid	6010B	449862
MB 440-449862/1-A ^5	Method Blank	Total/NA	Solid	6010B	449862
LCS 440-449862/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	449862
440-198798-A-5-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	449862
440-198798-A-5-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	449862

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198799-3

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

TestAmerica Irvine
17461 Berian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

181118

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Company Name: <u>Person's</u>		Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>Pat Mendel</u>		COC No: <u>12-19-17</u>	
Address: <u>100 West Walnut St</u>		Tel/Fax: <u>626-440-6133</u>		Analysis Turnaround Time		Lab Contact: <u>Pat Mendel</u>		Carrier: <u>9</u> COCs	
City/State/Zip: <u>Pasadena CA 91124</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below <u>5da</u>		Perform MS / MSD (Y / N)		Sampler: <u>None</u>	
Phone: <u>626-440-6133</u>		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Type (C=Comp, G=Grab)		Walk-in Client: <u></u>	
Fax: <u></u>		Sample Time		Matrix		# of Cont.		Lab Sampling: <u></u>	
Project Name: <u>Roscoe HS PBA</u>		Sample Date		Sample Time		Matrix		Job / SDG No.: <u></u>	
Site: <u>Roscoe High School</u>		Sample Date		Sample Time		Matrix		Sample Specific Notes:	
P.O.# <u></u>		Sample Date		Sample Time		Matrix			
Sample Identification		Sample Date		Sample Time		Matrix			
AOC1-B48-D0.5		12/19/17		0730		G		1701d	
AOC1-B48-D0.5		12/19/17		0735		G		1701d	
AOC1-B48-D0.5		12/19/17		0740		G			
AOC1-B48-D0.5-Dup		12/19/17		0730		G			
AOC1-B57-D0.5		12/19/17		0745		G			
AOC1-B57-D0.5		12/19/17		0750		G			
AOC1-B57-D0.5		12/19/17		0755		G			
AOC1-B57-D0.5-Dup		12/19/17		0745		G			
AOC1-B63-D0.5		12/19/17		0800		G			
AOC1-B63-D0.5		12/19/17		0805		G			
AOC1-B63-D0.5		12/19/17		0810		G			
E12/19/17		12/19/17		1500		G			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Relinquished by: <u>Person's</u>		Date/Time: <u>12/19/17</u>		Company: <u>Person's</u>		Received by: <u>Person's</u>		Date/Time: <u>12/19/17</u>	
Relinquished by: <u>Person's</u>		Date/Time: <u>12/19/17</u>		Company: <u>Person's</u>		Received by: <u>Person's</u>		Date/Time: <u>12/19/17</u>	
Relinquished by: <u>Person's</u>		Date/Time: <u>12/19/17</u>		Company: <u>Person's</u>		Received by: <u>Person's</u>		Date/Time: <u>12/19/17</u>	

TestAmerica Irvine
17461 Meridian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1072 Fax:

Chain of Custody Record

1811120

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>Jessika King</u>		Site Contact: <u>N. Wilson</u>		Date: <u>12/19/17</u>		COC No: <u>2</u> of <u>9</u> COCs	
Company Name: <u>Parsino</u>		Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>Autry Mota</u>		Carrier:		Sampler: <u>NT</u>	
Address: <u>100 N Walnut St</u>		City/State/Zip: <u>Insdale, CA 91109</u>		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:	
Phone: <u>626-440-6133</u>		TAT if different from Below		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Lab Sampling:		Job / SDG No.:	
Fax:		2 weeks		<input type="checkbox"/> 1 week					
Project Name: <u>Reseda HS DEA</u>		1 day		<input type="checkbox"/> 2 days					
Site: <u>Reseda High School</u>									
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
A0C1-B66-P0.5		12/19/17	0845	G	S	1		X	
A0C1-B66-P0.5		12/19/17	0820	G	S	1			Hold
A0C1-B66-P2.5		12/19/17	0825	G	S	1			Hold
A0C1-B69-P0.5		12/19/17	0830	G	S	1		X	Hold
A0C1-B69-P1.5		12/19/17	0835	G	S	1			Hold
A0C1-B69-P2.5		12/19/17	0840	G	S	1			Hold
A0C1-B68-P0.5		12/19/17	0845	G	S	1		X	Hold
A0C1-B68-P1.5		12/19/17	0850	G	S	1			Hold
A0C1-B68-P2.5		12/19/17	0855	G	S	1			Hold
A0C1-B71-P0.5		12/19/17	0900	G	S	1		X	Hold
A0C1-B71-P1.5		12/19/17	0905	G	S	1			Hold
A0C1-B71-P2.5		12/19/17	0910	G	S	1			Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Therm ID No.:	
Relinquished by: <u>[Signature]</u>	Company: <u>Parsino</u>	Date/Time: <u>12/19/17</u>	Received by: <u>[Signature]</u>	Company: <u>DCS</u>	Date/Time: <u>12/19/17 3:55pm</u>
Relinquished by: <u>[Signature]</u>	Company: <u>DCS</u>	Date/Time: <u>12/19/17</u>	Received by: <u>[Signature]</u>	Company: <u>TA-I</u>	Date/Time: <u>12/19/17 1855</u>

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Phone: 949.261.1022 Fax:

Chain of Custody Record 181121

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <i>Justin K. Hays</i>		Site Contact: <i>N. Paulson</i>		Date: <i>12/17/17</i>		COC No: <i>3</i> of <i>9</i> COCs	
Company Name: <i>Pursas</i>		Tel/Fax: <i>626 440 6133</i>		Lab Contact: <i>Patty Mader</i>		Carrier: <i>AT-Ex</i>		Sampler:	
Address: <i>100 W. Walnut St</i>		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		For Lab Use Only:	
City/State/Zip: <i>Pasadena, CA 91124</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
Phone: <i>626-440-6133</i>		TAT if different from Below <i>57 d</i>						Lab Sampling:	
Fax:		<input type="checkbox"/> 2 weeks						Job / SDG No.:	
Project Name: <i>Roseda HS PTH</i>		<input type="checkbox"/> 1 week							
Site: <i>Roseda High School</i>		<input type="checkbox"/> 2 days							
P O #		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:		
<i>AOC1-B72-00.5</i>		<i>12/17/17</i>	<i>0915</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B72-01.5</i>		<i>12/17/17</i>	<i>0920</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B72-02.5</i>		<i>12/17/17</i>	<i>0925</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B73-00.5</i>		<i>12/17/17</i>	<i>0930</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B73-01.5</i>		<i>12/17/17</i>	<i>0935</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B73-02.5</i>		<i>12/17/17</i>	<i>0940</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B74-00.5</i>		<i>12/17/17</i>	<i>0945</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B74-01.5</i>		<i>12/17/17</i>	<i>0950</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B74-02.5</i>		<i>12/17/17</i>	<i>0955</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B75-00.5</i>		<i>12/17/17</i>	<i>1000</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B75-01.5</i>		<i>12/17/17</i>	<i>1005</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
<i>AOC1-B75-02.5</i>		<i>12/17/17</i>	<i>1010</i>	<i>G</i>	<i>S</i>	<i>1</i>	<i>Hold</i>		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:	
Relinquished by: <i>ad</i>		Company: <i>Pursas</i>		Received by: <i>Justin K. Hays</i>		Company: <i>OC</i>		Date/Time: <i>12/19/17 3:55pm</i>	
Relinquished by: <i>Justin K. Hays</i>		Company: <i>OC</i>		Received by: <i>Justin K. Hays</i>		Company: <i>OC</i>		Date/Time: <i>12/19/17 3:55pm</i>	
Relinquished by: <i>Justin K. Hays</i>		Company: <i>OC</i>		Received in Laboratory by: <i>Justin K. Hays</i>		Company: <i>TA-I</i>		Date/Time: <i>12/19/17 1855</i>	

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Chain of Custody Record

181122

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin K. King		Site Contact: M. P. Carlson		Date: 12/19/17		COC No: 4 of 9 COCs	
Company Name: Parsons		Tel/Fax: 626 440 6133		Lab Contact: P. Matin		Carrier:		Sampler: N.P.	
Address: 100 W. Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		For Lab Use Only:	
City/State/Zip: Pasadena CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
Phone: 626 440 6133		TAT if different from Below						Lab Sampling:	
Fax:		2 weeks <input type="checkbox"/>						Job / SDG No.:	
Project Name: Reseda H.S. IEA		1 week <input type="checkbox"/>							
Site: Reseda High School		2 days <input type="checkbox"/>							
PO #		1 day <input type="checkbox"/>							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:		
AOC1 B84-D05		12/19/17	1015	G	S	1	X		Hold
AOC1 B84-D15		12/19/17	1020	G	S	1			Hold
AOC1 B84-D25		12/19/17	1025	G	S	1			Hold
AOC1 B86-D05		12/19/17	1030	G	S	1	X		Hold
AOC1 B86-D15		12/19/17	1035	G	S	1			Hold
AOC1 B86-D25		12/19/17	1040	G	S	1			Hold
AOC1 B89-D05		12/19/17	1045	G	S	1	X		Hold
AOC1 B89-D15		12/19/17	1050	G	S	1			Hold
AOC1 B89-D25		12/19/17	1055	G	S	1			Hold
AOC1 B88-D05		12/19/17	1100	G	S	1	X		Hold
AOC1 B88-D15		12/19/17	1105	G	S	1			Hold
AOC1 B88-D25		12/19/17	1110	G	S	1			Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No

Relinquished by: [Signature] Company: Parsons Date/Time: 12/19/17

Relinquished by: [Signature] Company: DCS Date/Time: 12/19/17 3:55pm

Relinquished by: [Signature] Company: TA-7 Date/Time: 12/19/17 1855

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin K. Long		Site Contact: N. Jackson		Date: 12/19/17		COC No: 8 of 9 COCs	
Company Name: Parsons		Tel/Fax: 626 440 6133		Lab Contact: P. Math		Carrier: 8		Sampler:	
Address: 100 W. Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		For Lab Use Only:	
City/State/Zip: Pasadena, CA 9124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
Phone: 626 440 6133		TAT if different from Below						Lab Sampling:	
Fax:		2 weeks						Job / SDG No.:	
Project Name: Reseda HS PBA		1 week							
Site: Reseda High School		2 days							
P O #		1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:		
AOC3-B1-00.5	12/19/17	1115	G	S	1				
AOC3-B1-D1.5	12/19/17	1120	G	S	1				Hold
AOC3-B1-02.5	12/19/17	1123	G	S	1				Hold
AOC3-B1-00.5-Dup	12/19/17	1115	G	S	1				Hold
AOC1-B45-P0.5	12/19/17	1130	G	S	1				Hold
AOC1-B85-P1.5	12/19/17	1135	G	S	1				Hold
AOC1-B45-P2.5	12/19/17	1140	G	S	1				Hold
AOC1-B87-P0.5	12/19/17	1145	G	S	1				Hold
AOC1-B87-P1.5	12/19/17	1150	G	S	1				Hold
AOC1-B87-P2.5	12/19/17	1155	G	S	1				Hold
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Cooler Temp. (°C): Obs'd: _____ Cor'd: _____									
Therm ID No.: _____									
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/19/17		Received by: [Signature]		Company: PCS	
Relinquished by: [Signature]		Company: PCS		Date/Time: 12/19/17		Received by: [Signature]		Company: PCS	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12/19/17		Received in Laboratory by: [Signature]		Company: 7A-I	

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Chain of Custody Record

181127

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (07/13)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Company Name: <u>Parsons</u>		Client Contact		Project Manager: <u>Justin King</u>		Site Contact: <u>N. Paulson</u>		Date: <u>12/19/17</u>		COC No: <u>6</u> of <u>9</u> COCs	
Address: <u>1000 Walnut St</u>				Tel/Fax: <u>626-440-6133</u>		Lab Contact: <u>L. Mata</u>		Carrier:		Sampler:	
City/State/Zip: <u>Pasadena CA 91104</u>				Analysis Turnaround Time						For Lab Use Only:	
Phone: <u>626-440-6133</u>				<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
Fax:				TAT if different from Below <u>STA</u>						Lab Sampling:	
Project Name: <u>Reseda HS PEA</u>				<input type="checkbox"/> 2 weeks						Job / SDG No.:	
Site: <u>Reseda High School</u>				<input type="checkbox"/> 1 week							
P O #				<input type="checkbox"/> 2 days							
				<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:		
AOC1-B82-P0.5	12/19/17	1200	G	S	1		X	X	Hold		
AOC1-B82-P1.5	12/19/17	1205	G	S	1				Hold		
AOC1-B82-P2.5	12/19/17	1210	G	S	1				Hold		
AOC1-B79-P0.5	12/19/17	1215	G	S	1		X	X	Hold		
AOC1-B79-P1.5	12/19/17	1220	G	S	1				Hold		
AOC1-B79-P2.5	12/19/17	1225	G	S	1				Hold		
AOC1-B80-P0.5	12/19/17	1230	G	S	1		X	X	Hold		
AOC1-B80-P1.5	12/19/17	1235	G	S	1				Hold		
AOC1-B80-P2.5	12/19/17	1240	G	S	1				Hold		
AOC1-B83-P0.5	12/19/17	1245	G	S	1		X	X	Hold		
AOC1-B83-P1.5	12/19/17	1250	G	S	1				Hold		
AOC1-B83-P2.5	12/19/17	1255	G	S	1				Hold		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other											
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments:											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Cor'd: _____		Therm ID No.:			
Relinquished by: <u>Parsons</u>		Company: <u>Parsons</u>		Date/Time: <u>12/19/17</u>		Received by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 3:55pm</u>	
Relinquished by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17</u>		Received by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 3:55pm</u>	
Relinquished by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17</u>		Received in Laboratory by: <u>Justin King</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17 1855</u>	

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Chain of Custody Record

181126

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: <u>Jessiah King</u>		Site Contact: <u>N. Carlson</u>		Date: <u>12/19/17</u>		COC No: <u>7</u> of <u>9</u> COCs	
Company Name: <u>Parsons</u>		Tel/Fax: <u>616 440 6133</u>		Lab Contact: <u>A. M. M. M.</u>		Carrier:		Sampler:	
Address: <u>100 W Walnut St</u>		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		Sample Specific Notes:	
City/State/Zip: <u>Pasadena, CA 9124</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Type (C=Comp, G=Grab)		# of Cont.		For Lab Use Only:	
Phone: <u>616 440 6133</u>		TAT if different from Below <u>std</u>		Sample Date		Sample Time		Walk-in Client:	
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		Lab Sampling:	
Project Name: <u>Rosedale HS NEA</u>				Sample Date		Sample Time		Job / SDG No.:	
Site: <u>Rosedale High School</u>				Sample Date		Sample Time			
P O #				Sample Date		Sample Time			
Sample Identification		Sample Date		Sample Time		Matrix			
AOC1-B81-D0.5		12/19/17 1300		G		S		1	
AOC1-B81-D1.5		12/19/17 1305		G		S		1	
AOC1-B81-D2.5		12/19/17 1310		G		S		1	
AOC1-B78-D0.5		12/19/17 1315		G		S		1	
AOC1-B78-D1.5		12/19/17 1320		G		S		1	
AOC1-B78-D2.5		12/19/17 1325		G		S		1	
AOC1-B77-D0.5		12/19/17 1330		G		S		1	
AOC1-B77-D1.5		12/19/17 1335		G		S		1	
AOC1-B77-D2.5		12/19/17 1340		G		S		1	
AOC1-B76-D0.5		12/19/17 1345		G		S		1	
AOC1-B76-D1.5		12/19/17 1350		G		S		1	
AOC1-B76-D2.5		12/19/17 1355		G		S		1	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Corr'd: _____		Therm ID No.:	
Relinquished by: <u>[Signature]</u>		Company: <u>Parsons</u>		Date/Time: <u>12/19/17</u>		Received by: <u>[Signature]</u>		Company: <u>DCS</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>DCS</u>		Date/Time: <u>12/19/17</u>		Received by: <u>[Signature]</u>		Company: <u>DCS</u>	
Relinquished by: <u>[Signature]</u>		Company: <u>[Signature]</u>		Date/Time: <u>12/19/17</u>		Received in Laboratory by: <u>[Signature]</u>		Company: <u>TA-I</u>	

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Chain of Custody Record

181125

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: N. Paulson		Date: 12/19/17		COC No: 8 of 9 COCs	
Company Name: Parsons		Tel/Fax: 626 440 6133		Lab Contact: L. Mata		Carrier:		Sampler:	
Address: 104 W Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		Sample Specific Notes:	
City/State/Zip: Pasadena CA 91299		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Date		Sample Type (C=Comp, G=Grab)		Matrix	
Phone: 626-440-6133		TAT if different from Below		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
Fax:		2 weeks		Sample Date		Sample Type (C=Comp, G=Grab)		Matrix	
Project Name: Reseda HS PEA		1 week		Sample Date		Sample Type (C=Comp, G=Grab)		Matrix	
Site: Reseda High School		2 days		Sample Date		Sample Type (C=Comp, G=Grab)		Matrix	
P O #		1 day		Sample Date		Sample Type (C=Comp, G=Grab)		Matrix	
AOC1-B22-D05		12/19/17 1900		G		S		1	
AOC1-B22-D05		12/19/17 1905		G		S		1	
AOC1-B22-D25		12/19/17 1910		G		S		1	
AOC1-B19-D05		12/19/17 1915		G		S		1	
AOC1-B19-D15		12/19/17 1920		G		S		1	
AOC1-B19-D25		12/19/17 1925		G		S		1	
AOC1-B20-D05		12/19/17 1930		G		S		1	
AOC1-B20-D15		12/19/17 1935		G		S		1	
AOC1-B20-D25		12/19/17 1940		G		S		1	
AOC1-B15-D05		12/19/17 1945		G		S		1	
AOC1-B15-D15		12/19/17 1950		G		S		1	
AOC1-B15-D25		12/19/17 1955		G		S		1	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other		1							
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Relinquished by: [Signature]		Company: Parsons		Date/Time: 12/19/17		Received by: [Signature]		Company: DCS	
Relinquished by: [Signature]		Company: DCS		Date/Time: 12/19/17		Received by: [Signature]		Company: DCS	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12/19/17		Received by: [Signature]		Company: TA-I	

Tran, Dennis Lam

From: King, Justin <Justin.King@parsons.com>
Sent: Tuesday, January 02, 2018 5:02 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: FW: Reseda

Follow Up Flag: Follow up
Flag Status: Flagged

-External Email-

Hi Dennis

Patty is the project manager for a job that we conducted at the Reseda High School. I had a question regarding the analysis of dioxin and furans for lab report J198799. We requested a primary sample and dup to be analyzed but it was not reported.

I also submitted number of samples to be held. I would like to run some of those samples as outlined below. Do you need me to amend the original COC to request the analysis or submit a new COC? Or will this email suffice? (Lab ID numbers for the samples are J198798, J198799, J198876, J199093). Please let me know if you need further clarification. Thanks

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

From: King, Justin
Sent: Tuesday, January 02, 2018 4:56 PM
To: patty.mata@testamericainc.com
Subject: Reseda

Hi Patty

I did not see the results of the dioxin and furan testing for AOC3-B1. Were you going to report that separately?

Also, I will need the follow held samples analyzed.

- AOC1-B1-D1.5 and AOC1-B1-D2.5 for Arsenic.
- AOC1-B6-D1.5 and AOC1-B6-D2.5 for Lead
- AOC1-B8-D1.5 and AOC1-B8-D2.5 for Arsenic
- AOC1-B10-D1.5 and AOC1-B10-D2.5 for Arsenic
- AOC1-B22-D1.5 and AOC1-B22-D2.5 for Arsenic
- AOC1-B34-D1.5 and AOC1-B34-D2.5 for Lead
- AOC1-B58-D1.5 and AOC1-B58-D2.5 for Arsenic
- AOC1-B64-D1.5 and AOC1-B64-D2.5 for Arsenic
- AOC1-B77-D1.5 and AOC1-B77-D2.5 for Arsenic
- AOC1-B78-D1.5 and AOC1-B78-D2.5 for Arsenic

- AOC1-B81-D1.5 and AOC1-B81-D2.5 for Arsenic
- AOC1-B91-D1.5 and AOC1-B91-D2.5 for Arsenic
- AOC-B100-D1.5 and AOC1-B100-D2.5 for Lead
- AOC1-B108-D1.5 and AOC1-B109-D2.5 for Arsenic and Lead
- AOC1-B112-D1.5 and AOC1-B112-D2.5 for Arsenic

Please let me know if I need to amend the individual COCs to include the analysis request or send you a new COC.

Thanks

Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198799-3

Login Number: 198799

List Source: TestAmerica Irvine

List Number: 1

Creator: Avila, Stephanie 1

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198876-2

Client Project/Site: LAUSD Reseda H.S., CA

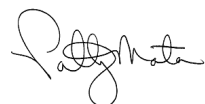
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

1/11/2018 4:25:34 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198876-55	AOC1-B10-D1.5	Solid	12/20/17 11:15	12/20/17 18:25
440-198876-56	AOC1-B10-D2.5	Solid	12/20/17 11:20	12/20/17 18:25
440-198876-60	AOC1-B6-D0.5	Solid	12/20/17 11:40	12/20/17 18:25
440-198876-61	AOC1-B6-D1.5	Solid	12/20/17 11:45	12/20/17 18:25
440-198876-62	AOC1-B6-D2.5	Solid	12/20/17 11:50	12/20/17 18:25
440-198876-79	AOC1-B8-D1.5	Solid	12/20/17 13:15	12/20/17 18:25
440-198876-80	AOC1-B8-D2.5	Solid	12/20/17 13:20	12/20/17 18:25

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Job ID: 440-198876-2

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198876-2

Comments

Only the additional total Lead or Arsenic results, and the STLC Lead results are included in this report, per client's 1/3/18 email request.

Receipt

The samples were received on 12/20/2017 6:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 2.7° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Client Sample ID: AOC1-B10-D1.5

Lab Sample ID: 440-198876-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-D2.5

Lab Sample ID: 440-198876-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-D0.5

Lab Sample ID: 440-198876-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.7		0.10	0.080	mg/L	20		6010B	STLC Citrate

Client Sample ID: AOC1-B6-D1.5

Lab Sample ID: 440-198876-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-D2.5

Lab Sample ID: 440-198876-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.2		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-D1.5

Lab Sample ID: 440-198876-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-D2.5

Lab Sample ID: 440-198876-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Client Sample ID: AOC1-B10-D1.5

Lab Sample ID: 440-198876-55

Date Collected: 12/20/17 11:15

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:36	5

Client Sample ID: AOC1-B10-D2.5

Lab Sample ID: 440-198876-56

Date Collected: 12/20/17 11:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 17:38	5

Client Sample ID: AOC1-B6-D0.5

Lab Sample ID: 440-198876-60

Date Collected: 12/20/17 11:40

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.7		0.10	0.080	mg/L			01/08/18 10:50	20

Client Sample ID: AOC1-B6-D1.5

Lab Sample ID: 440-198876-61

Date Collected: 12/20/17 11:45

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11		2.0	1.0	mg/Kg		01/03/18 15:10	01/04/18 17:40	5

Client Sample ID: AOC1-B6-D2.5

Lab Sample ID: 440-198876-62

Date Collected: 12/20/17 11:50

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.2		2.0	1.0	mg/Kg		01/03/18 15:10	01/04/18 17:42	5

Client Sample ID: AOC1-B8-D1.5

Lab Sample ID: 440-198876-79

Date Collected: 12/20/17 13:15

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 16:43	5

Client Sample ID: AOC1-B8-D2.5

Lab Sample ID: 440-198876-80

Date Collected: 12/20/17 13:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 16:54	5

TestAmerica Irvine

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Client Sample ID: AOC1-B10-D1.5

Date Collected: 12/20/17 11:15

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-55

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:36	VS	TAL IRV

Client Sample ID: AOC1-B10-D2.5

Date Collected: 12/20/17 11:20

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:38	VS	TAL IRV

Client Sample ID: AOC1-B6-D0.5

Date Collected: 12/20/17 11:40

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-60

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.07 g	500 mL	449937	01/03/18 21:39	CDH	TAL IRV
STLC Citrate	Analysis	6010B		20			450512	01/08/18 10:50	B1H	TAL IRV

Client Sample ID: AOC1-B6-D1.5

Date Collected: 12/20/17 11:45

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-61

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:40	VS	TAL IRV

Client Sample ID: AOC1-B6-D2.5

Date Collected: 12/20/17 11:50

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-62

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449862	01/03/18 15:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			450129	01/04/18 17:42	VS	TAL IRV

Client Sample ID: AOC1-B8-D1.5

Date Collected: 12/20/17 13:15

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-79

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 16:43	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Client Sample ID: AOC1-B8-D2.5

Lab Sample ID: 440-198876-80

Date Collected: 12/20/17 13:20

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 16:54	VS	TAL IRV

Laboratory References:
TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-449862/1-A ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		01/03/18 15:10	01/04/18 16:31	5
Lead	ND		2.0	1.0	mg/Kg		01/03/18 15:10	01/04/18 16:31	5

Lab Sample ID: LCS 440-449862/2-A ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449862

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.5	49.1		mg/Kg		99	80 - 120
Lead	49.5	48.7		mg/Kg		98	80 - 120

Lab Sample ID: 440-198798-A-5-B MS ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449862

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	8.1		50.0	55.7		mg/Kg		95	75 - 125
Lead	21		50.0	66.5		mg/Kg		92	75 - 125

Lab Sample ID: 440-198798-A-5-C MSD ^5

Matrix: Solid

Analysis Batch: 450129

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449862

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	8.1		50.0	55.5		mg/Kg		95	75 - 125	0	20
Lead	21		50.0	64.7		mg/Kg		88	75 - 125	3	20

Lab Sample ID: MB 440-449864/1-A ^5

Matrix: Solid

Analysis Batch: 450131

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 16:39	5

Lab Sample ID: LCS 440-449864/2-A ^5

Matrix: Solid

Analysis Batch: 450131

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	47.8		mg/Kg		96	80 - 120

Lab Sample ID: 440-198876-79 MS

Matrix: Solid

Analysis Batch: 450131

Client Sample ID: AOC1-B8-D1.5

Prep Type: Total/NA

Prep Batch: 449864

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	6.7		50.0	54.3		mg/Kg		95	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

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

Lab Sample ID: 440-198876-79 MSD
Matrix: Solid
Analysis Batch: 450131

Client Sample ID: AOC1-B8-D1.5
Prep Type: Total/NA
Prep Batch: 449864

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.7		50.0	52.7		mg/Kg		92	75 - 125	3	20

Lab Sample ID: MB 440-449937/1-A ^20
Matrix: Solid
Analysis Batch: 450512

Client Sample ID: Method Blank
Prep Type: STLC Citrate

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10	0.080	mg/L			01/08/18 10:45	20

Lab Sample ID: LCS 440-449937/2-A ^20
Matrix: Solid
Analysis Batch: 450512

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	20.0	19.1		mg/L		96	80 - 120

Lab Sample ID: 440-198876-60 MS
Matrix: Solid
Analysis Batch: 450512

Client Sample ID: AOC1-B6-D0.5
Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	2.7		20.0	21.5		mg/L		94	75 - 125

Lab Sample ID: 440-198876-60 MSD
Matrix: Solid
Analysis Batch: 450512

Client Sample ID: AOC1-B6-D0.5
Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	2.7		20.0	21.1		mg/L		92	75 - 125	2	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Metals

Prep Batch: 449862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-55	AOC1-B10-D1.5	Total/NA	Solid	3050B	
440-198876-56	AOC1-B10-D2.5	Total/NA	Solid	3050B	
440-198876-61	AOC1-B6-D1.5	Total/NA	Solid	3050B	
440-198876-62	AOC1-B6-D2.5	Total/NA	Solid	3050B	
MB 440-449862/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-449862/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198798-A-5-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-198798-A-5-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 449864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-79	AOC1-B8-D1.5	Total/NA	Solid	3050B	
440-198876-80	AOC1-B8-D2.5	Total/NA	Solid	3050B	
MB 440-449864/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-449864/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198876-79 MS	AOC1-B8-D1.5	Total/NA	Solid	3050B	
440-198876-79 MSD	AOC1-B8-D1.5	Total/NA	Solid	3050B	

Leach Batch: 449937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-60	AOC1-B6-D0.5	STLC Citrate	Solid	CA WET Citrate	
MB 440-449937/1-A ^20	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 440-449937/2-A ^20	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
440-198876-60 MS	AOC1-B6-D0.5	STLC Citrate	Solid	CA WET Citrate	
440-198876-60 MSD	AOC1-B6-D0.5	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 450129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-55	AOC1-B10-D1.5	Total/NA	Solid	6010B	449862
440-198876-56	AOC1-B10-D2.5	Total/NA	Solid	6010B	449862
440-198876-61	AOC1-B6-D1.5	Total/NA	Solid	6010B	449862
440-198876-62	AOC1-B6-D2.5	Total/NA	Solid	6010B	449862
MB 440-449862/1-A ^5	Method Blank	Total/NA	Solid	6010B	449862
LCS 440-449862/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	449862
440-198798-A-5-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	449862
440-198798-A-5-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	449862

Analysis Batch: 450131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-79	AOC1-B8-D1.5	Total/NA	Solid	6010B	449864
440-198876-80	AOC1-B8-D2.5	Total/NA	Solid	6010B	449864
MB 440-449864/1-A ^5	Method Blank	Total/NA	Solid	6010B	449864
LCS 440-449864/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	449864
440-198876-79 MS	AOC1-B8-D1.5	Total/NA	Solid	6010B	449864
440-198876-79 MSD	AOC1-B8-D1.5	Total/NA	Solid	6010B	449864

Analysis Batch: 450512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-60	AOC1-B6-D0.5	STLC Citrate	Solid	6010B	449937
MB 440-449937/1-A ^20	Method Blank	STLC Citrate	Solid	6010B	449937
LCS 440-449937/2-A ^20	Lab Control Sample	STLC Citrate	Solid	6010B	449937

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Metals (Continued)

Analysis Batch: 450512 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-60 MS	AOC1-B6-D0.5	STLC Citrate	Solid	6010B	449937
440-198876-60 MSD	AOC1-B6-D0.5	STLC Citrate	Solid	6010B	449937

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-2

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

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Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/20/17		COC No: 1 of 12 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time						For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
(626) 440-6133		TAT if different from Below: <u>Std</u>						Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks						Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week							
P O #		<input type="checkbox"/> 2 days							
		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
AOC1-B21-P0.5		12/24/17	0720	G	S	1			
AOC1-B21-P0.5		12/24/17	0725	G	S	1			Hold
AOC1-B21-P2.5		12/24/17	0730	G	S	1			Hold
AOC1-B21-P0.5-Pup		12/24/17	0720	G	S	1			
AOC1-B18-P0.5		12/24/17	0735	G	S	1			
AOC1-B18-P0.5		12/24/17	0740	G	S	1			Hold
AOC1-B18-P2.5		12/24/17	0745	G	S	1			Hold
AOC1-B18-P0.5-Dup		12/24/17	0735	G	S	1			
AOC1-B17-P0.5		12/24/17	0730	G	S	1			
AOC1-B17-P0.5		12/24/17	0735	G	S	1			Hold
AOC1-B17-P2.5		12/24/17	0740	G	S	1			Hold
E122017		12/24/17	0700	G	S	4			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:			
Relinquished by: <i>[Signature]</i>		Company: Parsons		Received by: <i>[Signature]</i>		Company: TNA		Date/Time: 12/20/17 1430	
Relinquished by: <i>[Signature]</i>		Company: TNA		Received by: <i>[Signature]</i>		Company: TNA		Date/Time: 12/20/17 1825	
Relinquished by: <i>[Signature]</i>		Company: TNA		Received in Laboratory by: <i>[Signature]</i>		Company: TNA		Date/Time: 12/20/17 1825	



440-198876 Chain of Custody

12/24/17 14:20

1.4/2.0 2.1/2.7 12-6-5
Form No. CAC-WI-002, Rev. 4.15, dated 9/27/2017

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 12/25/17		COC No: 2 of 12 COCs	
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day <input type="checkbox"/>						Sampler: Nenette Paulson	
Project Name: Reseda HS PEA								For Lab Use Only: Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/>	
Site: Reseda HS								Job / SDG No.: _____	
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Performance MS / MSD (Y / N)	Sample Specific Notes:
AOC1 - B16 - D0.5		12/24/17	0805	G	S	1			
AOC1 - B16 - D1.5		12/24/17	0810	G	S	1			Hold
AOC1 - B16 - D2.5		12/24/17	0815	G	S	1			Hold
AOC1 - B14 - D0.5		12/24/17	0820	G	S	1			
AOC1 - B14 - D1.5		12/24/17	0825	G	S	1			Hold
AOC1 - B14 - D2.5		12/24/17	0830	G	S	1			
AOC1 - B28 - D0.5		12/24/17	0835	G	S	1			
AOC1 - B28 - D1.5		12/24/17	0840	G	S	1			Hold
AOC1 - B28 - D2.5		12/24/17	0845	G	S	1			Hold
AOC2 - B2 - D0.5		12/24/17	0850	G	S	1			
AOC2 - B2 - D1.5		12/24/17	0855	G	S	1			Hold
AOC2 - B2 - D2.5		12/24/17	0900	G	S	1			Hold
<p>Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other</p> <p>Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p>									
<p>Special Instructions/QC Requirements & Comments:</p>									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Therm ID No.:	
Relinquished by: [Signature]		Company: Carson		Date/Time: 12/24/17		Received by: [Signature]		Company: TU	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12/24/17		Received by: [Signature]		Company: TU	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12/24/17		Received in Laboratory by: [Signature]		Company: TA-I	

TestAmerica Irvine
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Irvine, CA 92614-5843
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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/20/17		COC No:	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		3 of 12 COCs	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		PCBs	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		# of Cont.		Lead		OC	
(626) 440-6133		TAT if different from Below: _____		Matrix		Perform MS/MSD (Y/N)		For Lab Use Only:	
Project Name: Reseda HS PEA		2 weeks <input type="checkbox"/>		Sample Type (C=Comp, G=Grab)				Walk-in Client:	
Site: Reseda HS		1 week <input type="checkbox"/>		Sample Date				Lab Sampling:	
P O #		2 days <input type="checkbox"/>		Sample Time				Job / SDG No.:	
		1 day <input type="checkbox"/>							
AOC2-B1-P0.5		12/20/17	0905	G	S	1			
AOC2-B1-P0.5		12/20/17	0910	G	S	1			
AOC2-B1-P0.5		12/20/17	0915	G	S	1			
AOC2-B1-P0.5-Pay		12/20/17	0905	G	S	1			
AOC1-B29-P0.5		12/20/17	0910	G	S	1			
AOC1-B29-P0.5		12/20/17	0915	G	S	1			
AOC1-B29-P2.5		12/20/17	0920	G	S	1			
AOC1-B26-P0.5		12/20/17	0925	G	S	1			
AOC1-B26-P0.5		12/20/17	0930	G	S	1			
AOC1-B26-P2.5		12/20/17	0935	G	S	1			
AOC1-B28-P0.5-Pay		12/20/17	0825	G	S	1			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Custody Seal No.:	Company:	Relinquished by:	Date/Time:	Received by:	Date/Time:	Company:	Received in Lab by:	Date/Time:	Company:	Received in Lab by:	Date/Time:	Company:

Therm ID No.: _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenetta Paulson		Date: 12/20/17		COC No: 4 of 10 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenetta Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y / N)		Perform MS / MSD (Y / N)		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Matrix		Arsenic		Walk-in Client:	
(626) 440-6133		TAT if different from Below Std		# of Cont.		Lead		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Sample Type (C=Comp, G=Grab)		PCBs		Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week		Sample Date		OCP			
P O #		<input type="checkbox"/> 2 days		Sample Time					
		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date		Sample Time		Matrix		# of Cont.	
AOC1 - B25 - D0.5		12/24/17		0940		S		1	
AOC1 - B25 - D1.5		12/24/17		0945		S		1	
AOC1 - B25 - D2.5		12/24/17		0950		S		1	
AOC1 - B24 - D0.5		12/24/17		0955		S		1	
AOC1 - B24 - D1.5		12/24/17		1000		S		1	
AOC1 - B24 - D2.5		12/24/17		1005		S		1	
AOC1 - B27 - D0.5		12/24/17		1010		S		1	
AOC1 - B27 - D1.5		12/24/17		1015		S		1	
AOC1 - B27 - D2.5		12/24/17		1020		S		1	
AOC1 - B23 - D0.5		12/24/17		1025		S		1	
AOC1 - B23 - D1.5		12/24/17		1030		S		1	
AOC1 - B23 - D2.5		12/24/17		1035		S		1	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Therm ID No.:	
Relinquished by: <i>Don</i>		Company: Parsons		Date/Time: 12/24/17		Corr'd: 7		Date/Time: 12/20/17 1430	
Relinquished by: <i>Don</i>		Company: TA		Date/Time: 12/24/17				Date/Time:	
Relinquished by: <i>Don</i>		Company: TA-I		Date/Time: 12/20/17				Date/Time: 12/20/17 1825	

Client Contact

Parsons

100 West Walnut St

Pasadena, Ca 91124

(626) 440-6133

Project Name: Reseda HS PEA

Site: Reseda HS

P O #

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Project Manager: Justin King

Tel/Fax: 626-440-6133

Site Contact: Nenette Paulson

Lab Contact: Patty Mata

Date: 12/20/17

Carrier:

COC No: 5 of 10 COCs

Sampler: Nenette Paulson

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sample Specific Notes:

Filtered Sample (Y / N)

Perform MS / MSD (Y / N)

Arsenic

Lead

PCBs

OCP

Sample Type (C=Comp, G=Grab)

Sample Time

Sample Date

Matrix

of Cont.

Sample Identification

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Sample Time

Sample Date

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seals Intact: ☐ Yes ☐ No

Relinquished by: 

Relinquished by: 

Relinquished by: 

Custody Seal No.:

Company: Parsons

Company: TA

Company: TA

Cooler Temp (°C): Obs'd:

Received by: 

Received by: 

Received in Laboratory by: 

Therm ID No.:

Date/Time: 12/20/17 14:50

Date/Time: 12/20/17 14:50

Date/Time: 12/20/17 14:50

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/22/17		COC No:	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		6 of 16 COCs	
100 West Walnut St		Analysis Turnaround Time		PCBs		OCP		Sample Specific Notes:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Lead		Arsenic			
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)			
Project Name: Reseda HS PEA		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Cont.	
Site: Reseda HS		12/22/17		1140		G		5	
PO #		12/22/17		1145		G		5	
		12/22/17		1150		G		5	
		12/22/17		1155		G		5	
		12/22/17		1200		G		5	
		12/22/17		1205		G		5	
		12/22/17		1210		G		5	
		12/22/17		1215		G		5	
		12/22/17		1220		G		5	
		12/22/17		1225		G		5	
		12/22/17		1230		G		5	
		12/22/17		1235		G		5	

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 12/20/17 1400
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 12/20/17 1825
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 12/20/17 1825

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Justin King	Site Contact: Nenette Paulson	Date: 12/20/17	COC No: 7 of 10 COCs
Parsons	Tel/Fax: 626-440-6133	Lab Contact: Patty Mata	Carrier:	

Analysis Turnaround Time	Working Days	Calendar Days	TAT if different from Below	Std
<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS		<input type="checkbox"/> 2 weeks	
			<input type="checkbox"/> 1 week	
			<input type="checkbox"/> 2 days	
			<input type="checkbox"/> 1 day	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Arsenic	Lead	PCBs	OCP	Sample Specific Notes:
A0C1-B4-D0.5	12/20	1245	G	S	1			X	X			Hold
A0C1-B4-D1.5	12/20	1245	G	S	1							Hold
A0C1-B4-D2.5	12/20	1250	G	S	1							Hold
A0C1-B5-D0.5	12/20	1255	G	S	1			X	X			Hold
A0C1-B5-D1.5	12/20	1300	G	S	1							Hold
A0C1-B5-D2.5	12/20	1305	G	S	1							Hold
A0C1-B6-D0.5	12/20	1310	G	S	1			X	X			Hold
A0C1-B6-D1.5	12/20	1315	G	S	1							Hold
A0C1-B6-D2.5	12/20	1320	G	S	1							Hold
A0C1-B13-D0.5	12/20	1325	G	S	1			X	X			Hold
A0C1-B13-D1.5	12/20	1330	G	S	1							Hold
A0C1-B13-D2.5	12/20	1335	G	S	1							Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Non-Hazard	Hazardous	Skin Irritant	Poison B	Unknown	Return to Client	Disposal by Lab	Archive for	Months
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Custody Seals Intact:	Yes	No	Custody Seal No.:	Company:	Received by:	Date/Time:	Therm ID No.:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Parsons	Parsons	12/20/17	1480
Relinquished by:				Company:	Company:	Date/Time:	
Relinquished by:				Company:	Company:	Date/Time:	
Relinquished by:				Company:	Company:	Date/Time:	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

TestAmerica Irvine
17461 Derian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 12/23/17		COC No: 8 of 12 COCs					
Parsons		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		PCBs		OCP		Sample Specific Notes:	
100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below Std		Lead		Pb		Hg			
Project Name: Reseda HS PEA		2 weeks		<input type="checkbox"/> 2 weeks		<input checked="" type="checkbox"/> X		<input type="checkbox"/>		<input type="checkbox"/>			
Site: Reseda HS		1 week		<input type="checkbox"/> 1 week		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
PO #		2 days		<input type="checkbox"/> 2 days		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
		1 day		<input type="checkbox"/> 1 day		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.							
AOC1-B94-D015		12/20/17	1340	G	S	1							
AOC1-B94-D015		12/20/17	1345	G	S	1							
AOC1-B94-D015		12/20/17	1350	G	S	1							
AOC1-B97-D015		12/20/17	1355	G	S	1							
AOC1-B97-D015		12/20/17	1400	G	S	1							
AOC1-B97-D015		12/20/17	1405	G	S	1							
AOC1-B96-D015		12/20/17	1410	G	S	1							
AOC1-B96-D015		12/20/17	1415	G	S	1							
AOC1-B96-D015		12/20/17	1420	G	S	1							
AOC1-B95-D015		12/20/17	1425	G	S	1							
AOC1-B95-D015		12/20/17	1430	G	S	1							
AOC1-B95-D015		12/20/17	1435	G	S	1							
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other													
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.													
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown													
Special Instructions/QC Requirements & Comments:													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Cor'd:		Therm ID No.:			
Relinquished by: [Signature]		Company: Carson		Date/Time: 12/23/17		Received by: [Signature]		Company: A		Date/Time: 12/23/17			
Relinquished by: [Signature]		Company: A		Date/Time: 12/23/17		Received by: [Signature]		Company:		Date/Time:			
Relinquished by: [Signature]		Company:		Date/Time:		Received in Laboratory by: [Signature]		Company: A		Date/Time: 12/23/17			

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

TestAmerica Laboratories, Inc.

Client Contact Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		COC No: 10 Date: 12/20/17	
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ Std <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Identification AOC1-B93-P0.5 AOC1-B93-P1.5 AOC1-B93-P2.5		Sample Type (C=Comp, G=Grab) G G G		# of Cont. 1 1 1	
Sample Date 12/20/17 12/20/17 12/20/17		Sample Time 1440 1445 1450		Matrix S S S		Filtered Sample (Y/N) Y Y Y	
Performs MS/MSD (Y/N) Y Y Y		Arsenic X X X		Lead X X X		PCBs X X X	
OCF X X X		Sample Specific Notes: Hold Hold Hold		Sample Specific Notes: 		Sample Specific Notes: 	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments:							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Therm ID No.:	
Relinquished by:		Company: Parsons		Received by:		Company: T-14	
Relinquished by:		Company:		Received by:		Company:	
Relinquished by:		Company:		Received by:		Company: A-I	
Relinquished by:		Company:		Received by:		Company:	

Tran, Dennis Lam

From: King, Justin <Justin.King@parsons.com>
Sent: Wednesday, January 03, 2018 1:46 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: RE: Reseda

Follow Up Flag: Follow up
Flag Status: Flagged

-External Email-

Dennis
Can you have Pb run for STLC for the following soil samples?
AOC1-B6-D0.5
AOC1-B34-D0.5
AOC1-B108-D0.5
AOC1-B100-D0.5
Thanks,
Justin

From: Tran, Dennis Lam [mailto:Dennis.Tran@testamericainc.com]
Sent: Wednesday, January 03, 2018 8:30 AM
To: King, Justin <Justin.King@parsons.com>
Cc: Mata, Patty <Patty.Mata@testamericainc.com>
Subject: RE: Reseda

Good morning Justin,

AOC3-B1, primary and dup, are going to be reported separately as job J198799-2.

I will go ahead and make the changes you have outlined in the email below; this email should be sufficient enough.

DENNIS TRAN
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue Suite #100
Irvine, CA 92614
Tel 949 261 1022 Fax 949 260 3299
Dir 949 260 3236
www.testamericainc.com

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at : **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>

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From: King, Justin [<mailto:Justin.King@parsons.com>]
Sent: Tuesday, January 02, 2018 5:02 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: FW: Reseda

-External Email-

Hi Dennis

Patty is the project manager for a job that we conducted at the Reseda High School. I had a question regarding the analysis of dioxin and furans for lab report J198799. We requested a primary sample and dup to be analyzed but it was not reported.

I also submitted number of samples to be held. I would like to run some of those samples as outlined below. Do you need me to amend the original COC to request the analysis or submit a new COC? Or will this email suffice? (Lab ID numbers for the samples are J198798, J198799, J198876, J199093). Please let me know if you need further clarification. Thanks

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

From: King, Justin
Sent: Tuesday, January 02, 2018 4:56 PM
To: patty.mata@testamericainc.com
Subject: Reseda

Hi Patty

I did not see the results of the dioxin and furan testing for AOC3-B1. Were you going to report that separately?

Also, I will need the follow held samples analyzed.

- AOC1-B1-D1.5 and AOC1-B1-D2.5 for Arsenic.
- AOC1-B6-D1.5 and AOC1-B6-D2.5 for Lead
- AOC1-B8-D1.5 and AOC1-B8-D2.5 for Arsenic
- AOC1-B10-D1.5 and AOC1-B10-D2.5 for Arsenic
- AOC1-B22-D1.5 and AOC1-B22-D2.5 for Arsenic
- AOC1-B34-D1.5 and AOC1-B34-D2.5 for Lead
- AOC1-B58-D1.5 and AOC1-B58-D2.5 for Arsenic
- AOC1-B64-D1.5 and AOC1-B64-D2.5 for Arsenic
- AOC1-B77-D1.5 and AOC1-B77-D2.5 for Arsenic
- AOC1-B78-D1.5 and AOC1-B78-D2.5 for Arsenic

- AOC1-B81-D1.5 and AOC1-B81-D2.5 for Arsenic
- AOC1-B91-D1.5 and AOC1-B91-D2.5 for Arsenic
- AOC-B100-D1.5 and AOC1-B100-D2.5 for Lead
- AOC1-B108-D1.5 and AOC1-B109-D2.5 for Arsenic and Lead
- AOC1-B112-D1.5 and AOC1-B112-D2.5 for Arsenic

Please let me know if I need to amend the individual COCs to include the analysis request or send you a new COC.

Thanks

Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198876-2

Login Number: 198876

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	False	No sample date on page 7 of 10 of COC, logged in per container labels.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No date page 7 of 10 of COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198876-3

Client Project/Site: LAUSD Reseda H.S., CA

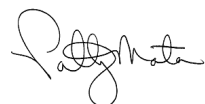
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

1/16/2018 8:20:41 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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Have a Question?



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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.

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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198876-70	AOC1-B1-D1.5	Solid	12/20/17 12:30	12/20/17 18:25
440-198876-71	AOC1-B1-D2.5	Solid	12/20/17 12:35	12/20/17 18:25

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Job ID: 440-198876-3

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-198876-3

Comments

No additional comments.

Receipt

The samples were received on 12/20/2017 6:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 2.7° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Client Sample ID: AOC1-B1-D1.5

Lab Sample ID: 440-198876-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-D2.5

Lab Sample ID: 440-198876-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Client Sample ID: AOC1-B1-D1.5

Lab Sample ID: 440-198876-70

Date Collected: 12/20/17 12:30

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		3.0	1.5	mg/Kg		01/12/18 08:38	01/12/18 16:45	5

Client Sample ID: AOC1-B1-D2.5

Lab Sample ID: 440-198876-71

Date Collected: 12/20/17 12:35

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg		01/12/18 08:38	01/12/18 16:47	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Client Sample ID: AOC1-B1-D1.5

Date Collected: 12/20/17 12:30

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-70

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	451344	01/12/18 08:38	DT	TAL IRV
Total/NA	Analysis	6010B		5			451478	01/12/18 16:45	K1E	TAL IRV

Client Sample ID: AOC1-B1-D2.5

Date Collected: 12/20/17 12:35

Date Received: 12/20/17 18:25

Lab Sample ID: 440-198876-71

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	451344	01/12/18 08:38	DT	TAL IRV
Total/NA	Analysis	6010B		5			451478	01/12/18 16:47	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-451344/1-A ^5

Matrix: Solid

Analysis Batch: 451478

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 451344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		01/12/18 08:38	01/12/18 16:15	5

Lab Sample ID: LCS 440-451344/2-A ^5

Matrix: Solid

Analysis Batch: 451478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 451344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	46.8		mg/Kg		94	80 - 120

Lab Sample ID: 440-200511-A-1-B MS ^5

Matrix: Solid

Analysis Batch: 451478

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 451344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		49.5	49.0		mg/Kg		99	75 - 125

Lab Sample ID: 440-200511-A-1-C MSD ^5

Matrix: Solid

Analysis Batch: 451478

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 451344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		49.8	47.5		mg/Kg		95	75 - 125	3	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Metals

Prep Batch: 451344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-70	AOC1-B1-D1.5	Total/NA	Solid	3050B	
440-198876-71	AOC1-B1-D2.5	Total/NA	Solid	3050B	
MB 440-451344/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-451344/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-200511-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-200511-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 451478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198876-70	AOC1-B1-D1.5	Total/NA	Solid	6010B	451344
440-198876-71	AOC1-B1-D2.5	Total/NA	Solid	6010B	451344
MB 440-451344/1-A ^5	Method Blank	Total/NA	Solid	6010B	451344
LCS 440-451344/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	451344
440-200511-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	451344
440-200511-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	451344

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198876-3

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

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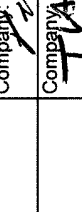

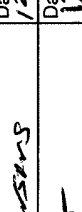
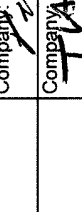

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/20/17		COC No: 1 of 12 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time						For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Walk-in Client:	
(626) 440-6133		TAT if different from Below: <u>Std</u>						Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks						Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week							
P O #		<input type="checkbox"/> 2 days							
		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
AOC1-B21-P0.5		12/24/17	0720	G	S	1			
AOC1-B21-P0.5		12/24/17	0725	G	S	1			Hold
AOC1-B21-P2.5		12/24/17	0730	G	S	1			Hold
AOC1-B21-P0.5-Pup		12/24/17	0720	G	S	1			
AOC1-B18-P0.5		12/24/17	0735	G	S	1			
AOC1-B18-P0.5		12/24/17	0740	G	S	1			Hold
AOC1-B18-P2.5		12/24/17	0745	G	S	1			Hold
AOC1-B18-P0.5-Dup		12/24/17	0735	G	S	1			
AOC1-B17-P0.5		12/24/17	0730	G	S	1			
AOC1-B17-P0.5		12/24/17	0735	G	S	1			Hold
AOC1-B17-P2.5		12/24/17	0740	G	S	1			Hold
E122017		12/24/17	0700	G	S	4			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by									
Special Instructions/QC Requirements & Comments:									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
									
440-198876 Chain of Custody									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:			
Relinquished by: 		Company: Parsons		Received by: 		Company: TNA		Date/Time: 12/20/17 1430	
Relinquished by: 		Company: TNA		Received by: 		Company: TNA		Date/Time: 12/20/17 1825	
Relinquished by: 		Company: TNA		Received in Laboratory by: 		Company: TNA		Date/Time: 12/20/17 1825	

Form No. CAC-WI-002, Rev. 4.15, dated 9/27/2017

1.4/2.0 2.1/2.7 12-6-5

12/24/17 14:20

Chain of Custody Record

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Justin King	Site Contact: Nenette Paulson	Date: 12/23/17	COC No: 2 of 10 COCs
Parsons	Tel/Fax: 626-440-6133	Lab Contact: Patty Mata	Carrier:	

Analysis Turnaround Time	Analysis Turnaround Time
<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS
TAT if different from Below Std	
<input type="checkbox"/> 2 weeks	
<input type="checkbox"/> 1 week	
<input type="checkbox"/> 2 days	
<input type="checkbox"/> 1 day	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Arsenic	Lead	PCBs	OC	Sample Specific Notes:
A001 - B16 - D0.5	12/24/17	0805	G	S	1			X	X			Hold
A001 - B16 - D1.5	12/24/17	0810	G	S	1							Hold
A001 - B16 - D2.5	12/24/17	0815	G	S	1							Hold
A001 - B14 - D0.5	12/24/17	0820	G	S	1			X	X			Hold
A001 - B14 - D1.5	12/24/17	0825	G	S	1							
A001 - B14 - D2.5	12/24/17	0830	G	S	1							
A001 - B28 - D0.5	12/24/17	0835	G	S	1			X	X			Hold
A001 - B28 - D1.5	12/24/17	0840	G	S	1							Hold
A001 - B28 - D2.5	12/24/17	0845	G	S	1							Hold
A002 - B2 - D0.5	12/24/17	0850	G	S	1							Hold
A002 - B2 - D1.5	12/24/17	0855	G	S	1							Hold
A002 - B2 - D2.5	12/24/17	0900	G	S	1							Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Company: Carson	Date/Time: 12/24/17	Received by: [Signature]	Company: [Signature]	Date/Time: 12/20/17	1450
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 12/24/17	Received by: [Signature]	Company: [Signature]	Date/Time: 12/20/17	1825	
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 12/24/17	Received in Laboratory by: [Signature]	Company: TA-I	Date/Time: 12/20/17	1825	

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/20/17		COC No: 3 of 12 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Type (C=Comp, G=Grab)		Lead		Walk-in Client:	
(626) 440-6133		TAT if different from Below: _____		# of Cont.		PCBs		Lab Sampling:	
Project Name: Reseda HS PEA		2 weeks <input type="checkbox"/>		Matrix		OC		Job / SDG No.:	
Site: Reseda HS		1 week <input type="checkbox"/>		Sample Date		OC			
P O #		2 days <input type="checkbox"/>		Sample Time		OC			
		1 day <input type="checkbox"/>				OC			
AOC2-B1-D0.5		12/20/17	0905	G	S	1			Hold
AOC2-B1-D0.5		12/20/17	0910	G	S	1			Hold
AOC2-B1-D0.5		12/20/17	0915	G	S	1			Hold
AOC2-B1-D0.5-Pay		12/20/17	0905	G	S	1			Hold
AOC1-B29-D0.5		12/20/17	0910	G	S	1			Hold
AOC1-B29-D0.5		12/20/17	0915	G	S	1			Hold
AOC1-B29-P2.5		12/20/17	0920	G	S	1			Hold
AOC1-B26-D0.5		12/20/17	0925	G	S	1			Hold
AOC1-B26-D0.5		12/20/17	0930	G	S	1			Hold
AOC1-B26-P2.5		12/20/17	0935	G	S	1			Hold
AOC1-B28-D0.5-Pay		12/20/17	0825	G	S	1			Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Custody Seal No.:	Company:	Received by:	Date/Time:	Received in Lab by:	Date/Time:	Company:	Received in Lab by:	Date/Time:	Company:
Relinquished by:			Parsons	Justin King	12/20/17	1450		TA		1450	
Relinquished by:			Parsons	Justin King	12/20/17			TA			
Relinquished by:			Parsons	Justin King	12/20/17			TA			

Therm ID No.:

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenetta Paulson		Date: 12/20/17		COC No: 4 of 10 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenetta Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Matrix		Arsenic		Walk-in Client:	
(626) 440-6133		TAT if different from Below Std		# of Cont.		Lead		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Sample Type (C=Comp, G=Grab)		PCBs		Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week		Sample Date		OCP			
P O #		<input type="checkbox"/> 2 days		Sample Time					
		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date		Sample Time		Matrix		# of Cont.	
AOC1 - B25 - D0.5		12/24/17		0940		S		1	
AOC1 - B25 - D1.5		12/24/17		0945		S		1	
AOC1 - B25 - D2.5		12/24/17		0950		S		1	
AOC1 - B24 - D0.5		12/24/17		0955		S		1	
AOC1 - B24 - D1.5		12/24/17		1000		S		1	
AOC1 - B24 - D2.5		12/24/17		1005		S		1	
AOC1 - B27 - D0.5		12/24/17		1010		S		1	
AOC1 - B27 - D1.5		12/24/17		1015		S		1	
AOC1 - B27 - D2.5		12/24/17		1020		S		1	
AOC1 - B23 - D0.5		12/24/17		1025		S		1	
AOC1 - B23 - D1.5		12/24/17		1030		S		1	
AOC1 - B23 - D2.5		12/24/17		1035		S		1	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Therm ID No.:	
Relinquished by: <i>Don</i>		Company: <i>Parsons</i>		Date/Time: 12/24/17		Received by: <i>[Signature]</i>		Company: <i>TA</i>	
Relinquished by: <i>Don</i>		Company: <i>TA</i>		Date/Time: 12/24/17		Received by: <i>[Signature]</i>		Company: <i>TA</i>	
Relinquished by: <i>Don</i>		Company: <i>TA</i>		Date/Time: 12/24/17		Received by: <i>[Signature]</i>		Company: <i>TA</i>	

Client Contact

Parsons
100 West Walnut St
Pasadena, Ca 91124
(626) 440-6133
Project Name: Reseda HS PEA
Site: Reseda HS
PO#

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Project Manager: Justin King
Tel/Fax: 626-440-6133

Analysis Turnaround Time
☐ CALENDAR DAYS ☐ WORKING DAYS

TAT if different from Below Std
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

TestAmerica Laboratories, Inc.

COC No: 5 of 10 COCs
Site Contact: Nenette Paulson
Lab Contact: Patty Mata
Carrier:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Arsenic	Lead	PCBs	OCP	Sample Specific Notes:
AOC1-B12-D0.5	12/20/17	1040	G	S	1		X	X			Hold
AOC1-B12-D1.5	12/20/17	1045	G	S	1						Hold
AOC1-B12-D2.5	12/20/17	1050	G	S	1						Hold
AOC1-B11-D0.5	12/20/17	1055	G	S	1		X	X			Hold
AOC1-B11-D1.5	12/20/17	1100	G	S	1						Hold
AOC1-B11-D2.5	12/20/17	1105	G	S	1		X	X			Hold
AOC1-B10-D0.5	12/20/17	1110	G	S	1						Hold
AOC1-B10-D1.5	12/20/17	1115	G	S	1						Hold
AOC1-B10-D2.5	12/20/17	1120	G	S	1						Hold
AOC1-B9-D0.5	12/20/17	1125	G	S	1		X	X			Hold
AOC1-B9-D1.5	12/20/17	1130	G	S	1						Hold
AOC1-B9-D2.5	12/20/17	1135	G	S	1						Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Custody Seals Intact:	Yes	No	Custody Seal No.:	Company:	Date/Time:	Received by:	Company:	Date/Time:	Received by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:				Parsons	12/20/17		TVA	12/20/17/1450						
Relinquished by:				Parsons	12/20/17									
Relinquished by:				Parsons	12/20/17		TA-I	12/20/17						

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/22/17		COC No: 6 of 16 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Type (C=Comp, G=Grab)		PCBs		Walk-in Client:	
(626) 440-6133		TAT if different from Below: <u>Sid</u>		Sample Time		Lead		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Date		OCP		Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week		Matrix		PCBs		Sample Specific Notes:	
PO #		<input type="checkbox"/> 2 days		# of Cont.		Arsenic			
		<input type="checkbox"/> 1 day				PCBs			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Arsenic	PCBs	OCP	Sample Specific Notes
A001-B6-P0.5	12/22/17	1140	G	S	1		X			Hold
A001-B6-P0.5	12/22/17	1145	G	S	1					Hold
A001-B6-P0.5	12/22/17	1150	G	S	1					Hold
A001-B3-P0.5	12/22/17	1155	G	S	1		X			Hold
A001-B3-P0.5	12/22/17	1200	G	S	1					Hold
A001-B3-P0.5	12/22/17	1205	G	S	1					Hold
A001-B2-P0.5	12/22/17	1210	G	S	1		X			Hold
A001-B2-P0.5	12/22/17	1215	G	S	1					Hold
A001-B2-P0.5	12/22/17	1220	G	S	1					Hold
A001-B1-P0.5	12/22/17	1225	G	S	1		X			Hold
A001-B1-P0.5	12/22/17	1230	G	S	1					Hold
A001-B1-P0.5	12/22/17	1235	G	S	1					Hold

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Therm ID No.:
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 12/20/17 1400
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 12/20/17 1825
Relinquished by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Company: <i>[Signature]</i>	Date/Time: 12/20/17 1825

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Irvine, CA 92614-5843
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Justin King	Site Contact: Nenette Paulson	Date: 12/20/17	COC No: 7 of 10 COCs
Parsons	Tel/Fax: 626-440-6133	Lab Contact: Patty Mata	Carrier:	

Analysis Turnaround Time	Working Days	CALENDAR DAYS	TAT if different from Below	Std
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 weeks	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 week	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2 days	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 day	<input type="checkbox"/>

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Arsenic	Lead	PCBs	OCP	Sample Specific Notes:
A0C1-B4-D0.5	12/20	12:45	G	S	1			X	X			Hold
A0C1-B4-D1.5	12/20	12:45	G	S	1							Hold
A0C1-B4-D2.5	12/20	12:50	G	S	1							Hold
A0C1-B5-D0.5	12/20	12:55	G	S	1			X	X			Hold
A0C1-B5-D1.5	13/00	13:00	G	S	1							Hold
A0C1-B5-D2.5	13/05	13:05	G	S	1							Hold
A0C1-B6-D0.5	13/10	13:10	G	S	1			X	X			Hold
A0C1-B6-D1.5	13/15	13:15	G	S	1							Hold
A0C1-B6-D2.5	13/20	13:20	G	S	1							Hold
A0C1-B13-D0.5	13/25	13:25	G	S	1			X	X			Hold
A0C1-B13-D1.5	13/30	13:30	G	S	1							Hold
A0C1-B13-D2.5	13/35	13:35	G	S	1							Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Return to Client	<input checked="" type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Archive for	Months
--	------------------------------------	--	-----------------------------------	----------------------------------	---	---	--------------------------------------	--------

Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Company: Parsons	Date/Time: 12/20/17	Received by: [Signature]	Cooler Temp. (°C): Obs'd:	Corr'd:	Company: T/A	Date/Time: 12/20/17	Therm ID No.:
Relinquished by: [Signature]		Company: T/A	Date/Time: 12/20/17	Received by: [Signature]			Company: T/A	Date/Time: 12/20/17	1480
Relinquished by: [Signature]		Company: T/A	Date/Time: 12/20/17	Received by: [Signature]			Company: T/A	Date/Time: 12/20/17	1825

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

TestAmerica Irvine
17461 Derian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Justin King	Site Contact: Nenette Paulson	Date: 12/23/17
Parsons	Tel/Fax: 626-440-6133	Lab Contact: Patty Mata	Carrier:

Analysis Turnaround Time	Analysis Turnaround Time
<input type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS
TAT if different from Below Std	
<input type="checkbox"/> 2 weeks	<input type="checkbox"/> 1 week
<input type="checkbox"/> 2 days	<input type="checkbox"/> 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Arsenic	Lead	PCBs	OCP	Sample Specific Notes:
AOC1-B94-D0.5	12/20/17	1340	G	S	1			X	X			Hold
AOC1-B94-D1.5	12/20/17	1345	G	S	1							Hold
AOC1-B94-D2.5	12/20/17	1350	G	S	1							Hold
AOC1-B97-D0.5	12/20/17	1355	G	S	1			X	X			Hold
AOC1-B97-D1.5	12/20/17	1400	G	S	1							Hold
AOC1-B97-D2.5	12/20/17	1405	G	S	1							Hold
AOC1-B96-D0.5	12/20/17	1410	G	S	1			X	X			Hold
AOC1-B96-D1.5	12/20/17	1415	G	S	1							Hold
AOC1-B96-D2.5	12/20/17	1420	G	S	1							Hold
AOC1-B95-D0.5	12/20/17	1425	G	S	1			X	X			Hold
AOC1-B95-D1.5	12/20/17	1430	G	S	1							Hold
AOC1-B95-D2.5	12/20/17	1435	G	S	1							Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Company:	Received by:	Received in Laboratory by:
Relinquished by:	Company:	Received by:	Received in Laboratory by:	
Relinquished by:	Company:	Received by:	Received in Laboratory by:	
Relinquished by:	Company:	Received by:	Received in Laboratory by:	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Regulatory Program:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

TestAmerica Laboratories, Inc.

[illegible]

Tran, Dennis Lam

From: King, Justin <Justin.King@parsons.com>
Sent: Tuesday, January 02, 2018 5:02 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: FW: Reseda

Follow Up Flag: Follow up
Flag Status: Flagged

-External Email-

Hi Dennis

Patty is the project manager for a job that we conducted at the Reseda High School. I had a question regarding the analysis of dioxin and furans for lab report J198799. We requested a primary sample and dup to be analyzed but it was not reported.

I also submitted number of samples to be held. I would like to run some of those samples as outlined below. Do you need me to amend the original COC to request the analysis or submit a new COC? Or will this email suffice? (Lab ID numbers for the samples are J198798, J198799, J198876, J199093). Please let me know if you need further clarification. Thanks

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

From: King, Justin
Sent: Tuesday, January 02, 2018 4:56 PM
To: patty.mata@testamericainc.com
Subject: Reseda

Hi Patty

I did not see the results of the dioxin and furan testing for AOC3-B1. Were you going to report that separately?

Also, I will need the follow held samples analyzed.

- AOC1-B1-D1.5 and AOC1-B1-D2.5 for Arsenic.
- AOC1-B6-D1.5 and AOC1-B6-D2.5 for Lead
- AOC1-B8-D1.5 and AOC1-B8-D2.5 for Arsenic
- AOC1-B10-D1.5 and AOC1-B10-D2.5 for Arsenic
- AOC1-B22-D1.5 and AOC1-B22-D2.5 for Arsenic
- AOC1-B34-D1.5 and AOC1-B34-D2.5 for Lead
- AOC1-B58-D1.5 and AOC1-B58-D2.5 for Arsenic
- AOC1-B64-D1.5 and AOC1-B64-D2.5 for Arsenic
- AOC1-B77-D1.5 and AOC1-B77-D2.5 for Arsenic
- AOC1-B78-D1.5 and AOC1-B78-D2.5 for Arsenic

- AOC1-B81-D1.5 and AOC1-B81-D2.5 for Arsenic
- AOC1-B91-D1.5 and AOC1-B91-D2.5 for Arsenic
- AOC-B100-D1.5 and AOC1-B100-D2.5 for Lead
- AOC1-B108-D1.5 and AOC1-B109-D2.5 for Arsenic and Lead
- AOC1-B112-D1.5 and AOC1-B112-D2.5 for Arsenic

Please let me know if I need to amend the individual COCs to include the analysis request or send you a new COC.

Thanks

Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198876-3

Login Number: 198876

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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.	False	No sample date on page 7 of 10 of COC, logged in per container labels.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No date page 7 of 10 of COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-199093-2

Client Project/Site: LAUSD Reseda H.S., CA

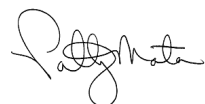
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

1/11/2018 4:28:06 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-199093-5	AOC1-B91-D1.5	Solid	12/21/17 07:40	12/21/17 19:12
440-199093-6	AOC1-B91-D2.5	Solid	12/21/17 07:45	12/21/17 19:12
440-199093-16	AOC1-B100-D0.5	Solid	12/21/17 08:35	12/21/17 19:12
440-199093-17	AOC1-B100-D1.5	Solid	12/21/17 08:40	12/21/17 19:12
440-199093-18	AOC1-B100-D2.5	Solid	12/21/17 08:45	12/21/17 19:12
440-199093-42	AOC1-B108-D0.5	Solid	12/21/17 10:35	12/21/17 19:12
440-199093-43	AOC1-B108-D1.5	Solid	12/21/17 10:40	12/21/17 19:12
440-199093-44	AOC1-B108-D2.5	Solid	12/21/17 10:45	12/21/17 19:12
440-199093-55	AOC1-B112-D1.5	Solid	12/21/17 11:40	12/21/17 19:12
440-199093-56	AOC1-B112-D2.5	Solid	12/21/17 11:45	12/21/17 19:12

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Job ID: 440-199093-2

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-199093-2

Comments

Only the additional total Lead or Arsenic results, and the STLC Lead results are included in this report, per client's 1/3/18 email request.

Receipt

The samples were received on 12/21/2017 7:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 1.5° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Client Sample ID: AOC1-B91-D1.5

Lab Sample ID: 440-199093-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-D2.5

Lab Sample ID: 440-199093-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-D0.5

Lab Sample ID: 440-199093-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.5		0.10	0.080	mg/L	20		6010B	STLC Citrate

Client Sample ID: AOC1-B100-D1.5

Lab Sample ID: 440-199093-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.0		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-D2.5

Lab Sample ID: 440-199093-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.4		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B108-D0.5

Lab Sample ID: 440-199093-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.19		0.10	0.080	mg/L	20		6010B	STLC Citrate

Client Sample ID: AOC1-B108-D1.5

Lab Sample ID: 440-199093-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.3		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B108-D2.5

Lab Sample ID: 440-199093-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	8.3		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-D1.5

Lab Sample ID: 440-199093-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-D2.5

Lab Sample ID: 440-199093-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Client Sample ID: AOC1-B91-D1.5

Lab Sample ID: 440-199093-5

Date Collected: 12/21/17 07:40

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 16:56	5

Client Sample ID: AOC1-B91-D2.5

Lab Sample ID: 440-199093-6

Date Collected: 12/21/17 07:45

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 16:58	5

Client Sample ID: AOC1-B100-D0.5

Lab Sample ID: 440-199093-16

Date Collected: 12/21/17 08:35

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.5		0.10	0.080	mg/L			01/08/18 11:13	20

Client Sample ID: AOC1-B100-D1.5

Lab Sample ID: 440-199093-17

Date Collected: 12/21/17 08:40

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.0		2.0	1.0	mg/Kg		01/03/18 15:15	01/04/18 17:26	5

Client Sample ID: AOC1-B100-D2.5

Lab Sample ID: 440-199093-18

Date Collected: 12/21/17 08:45

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.4		2.0	1.0	mg/Kg		01/03/18 15:15	01/04/18 17:28	5

Client Sample ID: AOC1-B108-D0.5

Lab Sample ID: 440-199093-42

Date Collected: 12/21/17 10:35

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.19		0.10	0.080	mg/L			01/08/18 11:15	20

Client Sample ID: AOC1-B108-D1.5

Lab Sample ID: 440-199093-43

Date Collected: 12/21/17 10:40

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 17:30	5
Lead	6.3		2.0	1.0	mg/Kg		01/03/18 15:15	01/04/18 17:30	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Client Sample ID: AOC1-B108-D2.5

Lab Sample ID: 440-199093-44

Date Collected: 12/21/17 10:45

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 17:32	5
Lead	8.3		2.0	1.0	mg/Kg		01/03/18 15:15	01/04/18 17:32	5

Client Sample ID: AOC1-B112-D1.5

Lab Sample ID: 440-199093-55

Date Collected: 12/21/17 11:40

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 17:34	5

Client Sample ID: AOC1-B112-D2.5

Lab Sample ID: 440-199093-56

Date Collected: 12/21/17 11:45

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 17:36	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Client Sample ID: AOC1-B91-D1.5

Date Collected: 12/21/17 07:40

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 16:56	VS	TAL IRV

Client Sample ID: AOC1-B91-D2.5

Date Collected: 12/21/17 07:45

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 16:58	VS	TAL IRV

Client Sample ID: AOC1-B100-D0.5

Date Collected: 12/21/17 08:35

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.05 g	500 mL	449937	01/03/18 21:39	CDH	TAL IRV
STLC Citrate	Analysis	6010B		20			450512	01/08/18 11:13	B1H	TAL IRV

Client Sample ID: AOC1-B100-D1.5

Date Collected: 12/21/17 08:40

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 17:26	VS	TAL IRV

Client Sample ID: AOC1-B100-D2.5

Date Collected: 12/21/17 08:45

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 17:28	VS	TAL IRV

Client Sample ID: AOC1-B108-D0.5

Date Collected: 12/21/17 10:35

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199093-42

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.04 g	500 mL	449937	01/03/18 21:39	CDH	TAL IRV
STLC Citrate	Analysis	6010B		20			450512	01/08/18 11:15	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Client Sample ID: AOC1-B108-D1.5

Lab Sample ID: 440-199093-43

Date Collected: 12/21/17 10:40

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 17:30	VS	TAL IRV

Client Sample ID: AOC1-B108-D2.5

Lab Sample ID: 440-199093-44

Date Collected: 12/21/17 10:45

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 17:32	VS	TAL IRV

Client Sample ID: AOC1-B112-D1.5

Lab Sample ID: 440-199093-55

Date Collected: 12/21/17 11:40

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 17:34	VS	TAL IRV

Client Sample ID: AOC1-B112-D2.5

Lab Sample ID: 440-199093-56

Date Collected: 12/21/17 11:45

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	449864	01/03/18 15:15	DT	TAL IRV
Total/NA	Analysis	6010B		5			450131	01/04/18 17:36	VS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-449864/1-A ^5

Matrix: Solid

Analysis Batch: 450131

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		01/03/18 15:15	01/04/18 16:39	5
Lead	ND		2.0	1.0	mg/Kg		01/03/18 15:15	01/04/18 16:39	5

Lab Sample ID: LCS 440-449864/2-A ^5

Matrix: Solid

Analysis Batch: 450131

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	47.8		mg/Kg		96	80 - 120
Lead	50.0	48.5		mg/Kg		97	80 - 120

Lab Sample ID: 440-198876-A-79-B MS ^5

Matrix: Solid

Analysis Batch: 450131

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449864

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	6.7		50.0	54.3		mg/Kg		95	75 - 125
Lead	5.9		50.0	52.1		mg/Kg		92	75 - 125

Lab Sample ID: 440-198876-A-79-C MSD ^5

Matrix: Solid

Analysis Batch: 450131

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449864

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.7		50.0	52.7		mg/Kg		92	75 - 125	3	20
Lead	5.9		50.0	51.8		mg/Kg		92	75 - 125	1	20

Lab Sample ID: MB 440-449937/1-A ^20

Matrix: Solid

Analysis Batch: 450512

Client Sample ID: Method Blank

Prep Type: STLC Citrate

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10	0.080	mg/L			01/08/18 10:45	20

Lab Sample ID: LCS 440-449937/2-A ^20

Matrix: Solid

Analysis Batch: 450512

Client Sample ID: Lab Control Sample

Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	20.0	19.1		mg/L		96	80 - 120

Lab Sample ID: 440-198876-A-60-B MS ^20

Matrix: Solid

Analysis Batch: 450512

Client Sample ID: Matrix Spike

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	2.7		20.0	21.5		mg/L		94	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

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

Lab Sample ID: 440-198876-A-60-B MSD ^20

Matrix: Solid

Analysis Batch: 450512

Client Sample ID: Matrix Spike Duplicate

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	2.7		20.0	21.1		mg/L	—	92	75 - 125	2	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Metals

Prep Batch: 449864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-5	AOC1-B91-D1.5	Total/NA	Solid	3050B	
440-199093-6	AOC1-B91-D2.5	Total/NA	Solid	3050B	
440-199093-17	AOC1-B100-D1.5	Total/NA	Solid	3050B	
440-199093-18	AOC1-B100-D2.5	Total/NA	Solid	3050B	
440-199093-43	AOC1-B108-D1.5	Total/NA	Solid	3050B	
440-199093-44	AOC1-B108-D2.5	Total/NA	Solid	3050B	
440-199093-55	AOC1-B112-D1.5	Total/NA	Solid	3050B	
440-199093-56	AOC1-B112-D2.5	Total/NA	Solid	3050B	
MB 440-449864/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-449864/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198876-A-79-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-198876-A-79-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Leach Batch: 449937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-16	AOC1-B100-D0.5	STLC Citrate	Solid	CA WET Citrate	
440-199093-42	AOC1-B108-D0.5	STLC Citrate	Solid	CA WET Citrate	
MB 440-449937/1-A ^20	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 440-449937/2-A ^20	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
440-198876-A-60-B MS ^20	Matrix Spike	STLC Citrate	Solid	CA WET Citrate	
440-198876-A-60-B MSD ^20	Matrix Spike Duplicate	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 450131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-5	AOC1-B91-D1.5	Total/NA	Solid	6010B	449864
440-199093-6	AOC1-B91-D2.5	Total/NA	Solid	6010B	449864
440-199093-17	AOC1-B100-D1.5	Total/NA	Solid	6010B	449864
440-199093-18	AOC1-B100-D2.5	Total/NA	Solid	6010B	449864
440-199093-43	AOC1-B108-D1.5	Total/NA	Solid	6010B	449864
440-199093-44	AOC1-B108-D2.5	Total/NA	Solid	6010B	449864
440-199093-55	AOC1-B112-D1.5	Total/NA	Solid	6010B	449864
440-199093-56	AOC1-B112-D2.5	Total/NA	Solid	6010B	449864
MB 440-449864/1-A ^5	Method Blank	Total/NA	Solid	6010B	449864
LCS 440-449864/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	449864
440-198876-A-79-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	449864
440-198876-A-79-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	449864

Analysis Batch: 450512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199093-16	AOC1-B100-D0.5	STLC Citrate	Solid	6010B	449937
440-199093-42	AOC1-B108-D0.5	STLC Citrate	Solid	6010B	449937
MB 440-449937/1-A ^20	Method Blank	STLC Citrate	Solid	6010B	449937
LCS 440-449937/2-A ^20	Lab Control Sample	STLC Citrate	Solid	6010B	449937
440-198876-A-60-B MS ^20	Matrix Spike	STLC Citrate	Solid	6010B	449937
440-198876-A-60-B MSD ^20	Matrix Spike Duplicate	STLC Citrate	Solid	6010B	449937

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199093-2

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/21/17		COC No: 1 of 7 COCs				
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson				
100 West Walnut St		Pasadena, Ca 91124		(626) 440-6133		For Lab Use Only:		Walk-in Client:				
Project Name: Reseda HS PEA		Site: Reseda HS		P O #		Analysis Turnaround Time		Lab Sampling:				
						<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Job / SDG No.:				
						TAT if different from Below Std						
						<input type="checkbox"/> 2 weeks						
						<input type="checkbox"/> 1 week						
						<input type="checkbox"/> 2 days						
						<input type="checkbox"/> 1 day						
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Arsenic	Lead	PCBs	OCP	Sample Specific Notes:
AOC1-B90-P0.5		12/21/17	0720	G	S	1		X				Hold
AOC1-B90-P1.5		12/21/17	0735	G	S	1						Hold
AOC1-B90-P2.5		12/21/17	0730	G	S	1						Hold
AOC1-B91-P0.5		12/21/17	0735	G	S	1		X				Hold
AOC1-B91-P1.5		12/21/17	0740	G	S	1						Hold
AOC1-B91-P2.5		12/21/17	0745	G	S	1						Hold
AOC1-B92-P0.5		12/21/17	0750	G	S	1		X				Hold
AOC1-B92-P1.5		12/21/17	0755	G	S	1						Hold
AOC1-B92-P2.5		12/21/17	0800	G	S	1						Hold
AOC1-B98-P0.5		12/21/17	0805	G	S	1		X				Hold
AOC1-B98-P1.5		12/21/17	0810	G	S	1						Hold
AOC1-B98-P2.5		12/21/17	0815	G	S	1						Hold

440-199093 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by:	Company: Parsons	Date/Time: 12/21/17	Received by:	Company: G1	Date/Time: 12-21-17	1639	
Relinquished by:	Company: Lab	Date/Time: 12-21-17 19:12	Received by:	Company:	Date/Time:		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-7	Date/Time: 12/21/17	1412	

EA-85 1.6/1.5

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Chain of Custody Record

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/21/17		COC No: 2 of 7 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Arsenic		Lead		Walk-in Client:	
(626) 440-6133		TAT if different from Below: <u>Std</u>		PCBs		OC		Lab Sampling:	
		<input type="checkbox"/> 2 weeks		Sample		# of		Job / SDG No.:	
		<input type="checkbox"/> 1 week		Type		Matrix			
		<input type="checkbox"/> 2 days		(G=Comp, G=Grab)		Cont.			
		<input type="checkbox"/> 1 day		Sample		Time			
Project Name: Reseda HS PEA		Sample Date		Sample		Time			
Site: Reseda HS		Date		Time		Time			
P.O.#		Date		Time		Time			

Sample Identification	Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Arsenic	Lead	PCBs	OC	Sample Specific Notes:
A001-1399-00.5	12/21/17	0820	G	S	1			X	X			Hold
A001-1399-01.5	12/21/17	0825	G	S	1							Hold
A001-1399-02.5	12/21/17	0830	G	S	1							Hold
A001-13100-00.5	12/21/17	0835	G	S	1			X	X			Hold
A001-13100-01.5	12/21/17	0840	G	S	1							Hold
A001-13100-02.5	12/21/17	0845	G	S	1							Hold
A001-13101-00.5	12/21/17	0850	G	S	1			X	X	X		Hold
A001-13101-01.5	12/21/17	0855	G	S	1							Hold
A001-13101-02.5	12/21/17	0900	G	S	1							Hold
A001-13101-00.5-04	12/21/17	0850	G	S	1			X	X	X		Hold
Blank	12/21/17	0700	G	S	4			X	X	X		Equipment Blank

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Comments Section if the lab is to dispose of the sample:

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Relinquished by: [Signature]	Company: PARSONS	Date/Time: 12/21/17	Received by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Therm ID No.:
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 12/21/17
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 12/21/17	Received in Laboratory by: [Signature]	Company: [Signature]	Date/Time: 12/21/17



TestAmerica Irvine
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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenetta Paulson		Date: 12/21/17		COC No: 3 of 7 COCs				
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenetta Paulson				
100 West Walnut St		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:				
Pasadena, Ca 91124		TAT if different from Below: _____		SID		Lab Sampling:		Job / SDG No.:				
(626) 440-6133		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week								
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day								
Site: Reseda HS												
P O #												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Lead	PCBs	OCF	Sample Specific Notes:
AOC1-B102-D0.5		12/21/17	0905	G	S	1			XX			Hold
AOC1-B102-D1.5		12/21/17	0910	G	S	1						Hold
AOC1-B102-D2.5		12/21/17	0915	G	S	1						Hold
AOC1-B103-D0.5		12/21/17	0920	G	S	1			XX			Hold
AOC1-B103-D1.5		12/21/17	0925	G	S	1						Hold
AOC1-B103-D2.5		12/21/17	0930	G	S	1						Hold
AOC1-B104-D0.5		12/21/17	0935	G	S	1			XX			Hold
AOC1-B104-D1.5		12/21/17	0940	G	S	1						Hold
AOC1-B104-D2.5		12/21/17	0945	G	S	1						Hold
AOC1-B103-D0.5		12/21/17	0950	G	S	1			XX			Hold
AOC1-B103-D1.5		12/21/17	0955	G	S	1						Hold
AOC1-B103-D2.5		12/21/17	1000	G	S	1						Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Return to Client ☐ Disposal by Lab ☒ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No.:	Company:	Date/Time:	Received by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:	Therm ID No.:
	Parsons	12/21/17	[Signature]	TestAmerica	12-21-17	1639			
	Parsons	12-21-17 19:12	[Signature]	TestAmerica					
	Parsons		[Signature]	TestAmerica	12/21/17	1912			

Chain of Custody Record

TestAmerica Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 12/21/17		COC No: 4 of 7 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Performance MS / MSD (Y / N)		Arsenic		Lead	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y / N)		PCBs		OCF	
(626) 440-6133		TAT if different from Below Std		# of Cont.		Matrix		Sample Type	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Sample Date		Sample Time		Sample (C=Comp, G=Grab)	
Site: Reseda HS		<input type="checkbox"/> 1 week		12/21/17		1005		G	
P O #		<input type="checkbox"/> 2 days		12/21/17		1010		G	
		<input type="checkbox"/> 1 day		12/21/17		1015		G	
				12/21/17		1020		G	
				12/21/17		1025		G	
				12/21/17		1030		G	
				12/21/17		1035		G	
				12/21/17		1040		G	
				12/21/17		1045		G	
				12/21/17		1050		G	
				12/21/17		1055		G	
				12/21/17		1100		G	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: _____		Therm ID No.: _____	
Relinquished by: [Signature]		Received by: [Signature]		Date/Time: 12-21-17 1039	
Relinquished by: [Signature]		Received by: [Signature]		Date/Time: 12-21-17 1912	
Relinquished by: [Signature]		Received in Laboratory by: [Signature]		Date/Time: 12/21/17 1912	

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 12/21/17		COC No: 5 of 7 COCs					
Parsons		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		PCBs		OCP		Sample Specific Notes:	
100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below Std		Perform MS / MSD (Y/N)							
Project Name: Reseda HS		Analysis Turnaround Time		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Cont.			
Site: Reseda HS		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day											
PO #													
AOC1-B111-00.5		12/21/17		1105		G		S		1		Hold	
AOC1-B111-01.5		12/21/17		1110		G		S		1		Hold	
AOC1-B111-02.5		12/21/17		1115		G		S		1		Hold	
AOC1-B110-00.5		12/21/17		1120		G		S		1		Hold	
AOC1-B110-01.5		12/21/17		1125		G		S		1		Hold	
AOC1-B110-02.5		12/21/17		1130		G		S		1		Hold	
AOC1-B112-00.5		12/21/17		1135		G		S		1		Hold	
AOC1-B112-01.5		12/21/17		1140		G		S		1		Hold	
AOC1-B112-02.5		12/21/17		1145		G		S		1		Hold	
AOC1-B113-00.5		12/21/17		1150		G		S		1		Hold	
AOC1-B113-01.5		12/21/17		1155		G		S		1		Hold	
AOC1-B113-02.5		12/21/17		1200		G		S		1		Hold	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Custody Seal No.:
Relinquished by:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Company: Parsons Date/Time: 12/21/17
Relinquished by:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Company: Company: Date/Time: 12-21-17 1639
Relinquished by:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Company: Company: Date/Time: 12/21/17 1412

Therm ID No.:

Return to Client ☐ Disposal by Lab ☒ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

IL-DS 1.0/1.5

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Tran, Dennis Lam

From: King, Justin <Justin.King@parsons.com>
Sent: Wednesday, January 03, 2018 1:46 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: RE: Reseda

Follow Up Flag: Follow up
Flag Status: Flagged

-External Email-

Dennis
Can you have Pb run for STLC for the following soil samples?
AOC1-B6-D0.5
AOC1-B34-D0.5
AOC1-B108-D0.5
AOC1-B100-D0.5
Thanks,
Justin

From: Tran, Dennis Lam [mailto:Dennis.Tran@testamericainc.com]
Sent: Wednesday, January 03, 2018 8:30 AM
To: King, Justin <Justin.King@parsons.com>
Cc: Mata, Patty <Patty.Mata@testamericainc.com>
Subject: RE: Reseda

Good morning Justin,

AOC3-B1, primary and dup, are going to be reported separately as job J198799-2.

I will go ahead and make the changes you have outlined in the email below; this email should be sufficient enough.

DENNIS TRAN
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue Suite #100
Irvine, CA 92614
Tel 949 261 1022 Fax 949 260 3299
Dir 949 260 3236
www.testamericainc.com

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at : **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>

CONFIDENTIALITY NOTICE: This e-mail communication, including any attachments, may contain privileged or confidential information for the use of the recipient(s) named above and is protected by law. If you are not the intended recipient(s), you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited and you should delete this message and its attachments from your computer without retaining any copies. If you have received this communication in error, please reply to the sender immediately. We appreciate your cooperation

From: King, Justin [<mailto:Justin.King@parsons.com>]
Sent: Tuesday, January 02, 2018 5:02 PM
To: Tran, Dennis Lam
Cc: Mata, Patty
Subject: FW: Reseda

-External Email-

Hi Dennis

Patty is the project manager for a job that we conducted at the Reseda High School. I had a question regarding the analysis of dioxin and furans for lab report J198799. We requested a primary sample and dup to be analyzed but it was not reported.

I also submitted number of samples to be held. I would like to run some of those samples as outlined below. Do you need me to amend the original COC to request the analysis or submit a new COC? Or will this email suffice? (Lab ID numbers for the samples are J198798, J198799, J198876, J199093). Please let me know if you need further clarification. Thanks

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

From: King, Justin
Sent: Tuesday, January 02, 2018 4:56 PM
To: patty.mata@testamericainc.com
Subject: Reseda

Hi Patty

I did not see the results of the dioxin and furan testing for AOC3-B1. Were you going to report that separately? Also, I will need the follow held samples analyzed.

- AOC1-B1-D1.5 and AOC1-B1-D2.5 for Arsenic.
- AOC1-B6-D1.5 and AOC1-B6-D2.5 for Lead
- AOC1-B8-D1.5 and AOC1-B8-D2.5 for Arsenic
- AOC1-B10-D1.5 and AOC1-B10-D2.5 for Arsenic
- AOC1-B22-D1.5 and AOC1-B22-D2.5 for Arsenic
- AOC1-B34-D1.5 and AOC1-B34-D2.5 for Lead
- AOC1-B58-D1.5 and AOC1-B58-D2.5 for Arsenic
- AOC1-B64-D1.5 and AOC1-B64-D2.5 for Arsenic
- AOC1-B77-D1.5 and AOC1-B77-D2.5 for Arsenic
- AOC1-B78-D1.5 and AOC1-B78-D2.5 for Arsenic

- AOC1-B81-D1.5 and AOC1-B81-D2.5 for Arsenic
- AOC1-B91-D1.5 and AOC1-B91-D2.5 for Arsenic
- AOC-B100-D1.5 and AOC1-B100-D2.5 for Lead
- AOC1-B108-D1.5 and AOC1-B109-D2.5 for Arsenic and Lead
- AOC1-B112-D1.5 and AOC1-B112-D2.5 for Arsenic

Please let me know if I need to amend the individual COCs to include the analysis request or send you a new COC.

Thanks

Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-199093-2

Login Number: 199093

List Source: TestAmerica Irvine

List Number: 1

Creator: Garcia, Veronica G

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-203718-2

Client Project/Site: Reseda HS PEA

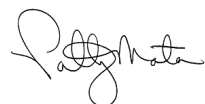
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

3/15/2018 9:35:13 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-203718-3	AOC1-B22-N5-D1.5	Solid	02/19/18 08:25	02/19/18 17:20
440-203718-4	AOC1-B22-N5-D2.5	Solid	02/19/18 08:30	02/19/18 17:20
440-203718-6	AOC1-B22-N10-D1.5	Solid	02/19/18 08:40	02/19/18 17:20
440-203718-7	AOC1-B22-N10-D2.5	Solid	02/19/18 08:45	02/19/18 17:20
440-203718-14	AOC1-B22-S5-D1.5	Solid	02/19/18 09:10	02/19/18 17:20
440-203718-15	AOC1-B22-S5-D2.5	Solid	02/19/18 09:15	02/19/18 17:20
440-203718-17	AOC1-B22-S10-D1.5	Solid	02/19/18 09:25	02/19/18 17:20
440-203718-18	AOC1-B22-S10-D2.5	Solid	02/19/18 09:30	02/19/18 17:20
440-203718-101	AOC1-B112-N5-D1.5	Solid	02/19/18 13:10	02/19/18 17:20
440-203718-102	AOC1-B112-N5-D2.5	Solid	02/19/18 13:12	02/19/18 17:20
440-203718-104	AOC1-B112-N10-D1.5	Solid	02/19/18 13:16	02/19/18 17:20
440-203718-105	AOC1-B112-N10-D2.5	Solid	02/19/18 13:18	02/19/18 17:20
440-203718-131	AOC1-B8-S10-D1.5	Solid	02/19/18 14:17	02/19/18 17:20
440-203718-132	AOC1-B8-S10-D2.5	Solid	02/19/18 14:18	02/19/18 17:20

Case Narrative

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Job ID: 440-203718-2

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-203718-2

Comments

Only the additional test results requested on 3/9/18 are included in this report.

Receipt

The samples were received on 2/19/2018 5:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.3° C, 1.5° C, 3.1° C and 3.3° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Client Sample ID: AOC1-B22-N5-D1.5

Lab Sample ID: 440-203718-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N5-D2.5

Lab Sample ID: 440-203718-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N10-D1.5

Lab Sample ID: 440-203718-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N10-D2.5

Lab Sample ID: 440-203718-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S5-D1.5

Lab Sample ID: 440-203718-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S5-D2.5

Lab Sample ID: 440-203718-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S10-D1.5

Lab Sample ID: 440-203718-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S10-D2.5

Lab Sample ID: 440-203718-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N5-D1.5

Lab Sample ID: 440-203718-101

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N5-D2.5

Lab Sample ID: 440-203718-102

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N10-D1.5

Lab Sample ID: 440-203718-104

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Client Sample ID: AOC1-B112-N10-D1.5 (Continued)

Lab Sample ID: 440-203718-104

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N10-D2.5

Lab Sample ID: 440-203718-105

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S10-D1.5

Lab Sample ID: 440-203718-131

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S10-D2.5

Lab Sample ID: 440-203718-132

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Client Sample ID: AOC1-B22-N5-D1.5

Lab Sample ID: 440-203718-3

Date Collected: 02/19/18 08:25

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 18:56	5

Client Sample ID: AOC1-B22-N5-D2.5

Lab Sample ID: 440-203718-4

Date Collected: 02/19/18 08:30

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 20:17	5

Client Sample ID: AOC1-B22-N10-D1.5

Lab Sample ID: 440-203718-6

Date Collected: 02/19/18 08:40

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 20:31	5

Client Sample ID: AOC1-B22-N10-D2.5

Lab Sample ID: 440-203718-7

Date Collected: 02/19/18 08:45

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 20:34	5

Client Sample ID: AOC1-B22-S5-D1.5

Lab Sample ID: 440-203718-14

Date Collected: 02/19/18 09:10

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 20:52	5

Client Sample ID: AOC1-B22-S5-D2.5

Lab Sample ID: 440-203718-15

Date Collected: 02/19/18 09:15

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 20:54	5

Client Sample ID: AOC1-B22-S10-D1.5

Lab Sample ID: 440-203718-17

Date Collected: 02/19/18 09:25

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 20:57	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Client Sample ID: AOC1-B22-S10-D2.5

Lab Sample ID: 440-203718-18

Date Collected: 02/19/18 09:30

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		3.0	1.5	mg/Kg	—	03/09/18 11:12	03/09/18 20:59	5

Client Sample ID: AOC1-B112-N5-D1.5

Lab Sample ID: 440-203718-101

Date Collected: 02/19/18 13:10

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg	—	03/09/18 11:12	03/09/18 21:01	5

Client Sample ID: AOC1-B112-N5-D2.5

Lab Sample ID: 440-203718-102

Date Collected: 02/19/18 13:12

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		3.0	1.5	mg/Kg	—	03/09/18 11:12	03/09/18 20:19	5

Client Sample ID: AOC1-B112-N10-D1.5

Lab Sample ID: 440-203718-104

Date Collected: 02/19/18 13:16

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		3.0	1.5	mg/Kg	—	03/09/18 11:12	03/09/18 20:22	5

Client Sample ID: AOC1-B112-N10-D2.5

Lab Sample ID: 440-203718-105

Date Collected: 02/19/18 13:18

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.2		3.0	1.5	mg/Kg	—	03/09/18 11:12	03/09/18 20:24	5

Client Sample ID: AOC1-B8-S10-D1.5

Lab Sample ID: 440-203718-131

Date Collected: 02/19/18 14:17

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg	—	03/09/18 11:12	03/09/18 20:27	5

Client Sample ID: AOC1-B8-S10-D2.5

Lab Sample ID: 440-203718-132

Date Collected: 02/19/18 14:18

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.6		3.0	1.5	mg/Kg	—	03/09/18 11:12	03/09/18 20:29	5

TestAmerica Irvine

Method Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Client Sample ID: AOC1-B22-N5-D1.5

Date Collected: 02/19/18 08:25

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 18:56	K1E	TAL IRV

Client Sample ID: AOC1-B22-N5-D2.5

Date Collected: 02/19/18 08:30

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:17	K1E	TAL IRV

Client Sample ID: AOC1-B22-N10-D1.5

Date Collected: 02/19/18 08:40

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:31	K1E	TAL IRV

Client Sample ID: AOC1-B22-N10-D2.5

Date Collected: 02/19/18 08:45

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:34	K1E	TAL IRV

Client Sample ID: AOC1-B22-S5-D1.5

Date Collected: 02/19/18 09:10

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:52	K1E	TAL IRV

Client Sample ID: AOC1-B22-S5-D2.5

Date Collected: 02/19/18 09:15

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:54	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Client Sample ID: AOC1-B22-S10-D1.5

Lab Sample ID: 440-203718-17

Date Collected: 02/19/18 09:25

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:57	K1E	TAL IRV

Client Sample ID: AOC1-B22-S10-D2.5

Lab Sample ID: 440-203718-18

Date Collected: 02/19/18 09:30

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:59	K1E	TAL IRV

Client Sample ID: AOC1-B112-N5-D1.5

Lab Sample ID: 440-203718-101

Date Collected: 02/19/18 13:10

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 21:01	K1E	TAL IRV

Client Sample ID: AOC1-B112-N5-D2.5

Lab Sample ID: 440-203718-102

Date Collected: 02/19/18 13:12

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:19	K1E	TAL IRV

Client Sample ID: AOC1-B112-N10-D1.5

Lab Sample ID: 440-203718-104

Date Collected: 02/19/18 13:16

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:22	K1E	TAL IRV

Client Sample ID: AOC1-B112-N10-D2.5

Lab Sample ID: 440-203718-105

Date Collected: 02/19/18 13:18

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:24	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Client Sample ID: AOC1-B8-S10-D1.5

Lab Sample ID: 440-203718-131

Date Collected: 02/19/18 14:17

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:27	K1E	TAL IRV

Client Sample ID: AOC1-B8-S10-D2.5

Lab Sample ID: 440-203718-132

Date Collected: 02/19/18 14:18

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462585	03/09/18 11:12	DT	TAL IRV
Total/NA	Analysis	6010B		5			462787	03/09/18 20:29	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-462585/1-A ^5

Matrix: Solid

Analysis Batch: 462787

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 462585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		03/09/18 11:12	03/09/18 18:51	5

Lab Sample ID: LCS 440-462585/2-A ^5

Matrix: Solid

Analysis Batch: 462787

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 462585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	51.3		mg/Kg		103	80 - 120

Lab Sample ID: 440-203718-3 MS

Matrix: Solid

Analysis Batch: 462787

Client Sample ID: AOC1-B22-N5-D1.5

Prep Type: Total/NA

Prep Batch: 462585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	11		50.0	57.9		mg/Kg		95	75 - 125

Lab Sample ID: 440-203718-3 MSD

Matrix: Solid

Analysis Batch: 462787

Client Sample ID: AOC1-B22-N5-D1.5

Prep Type: Total/NA

Prep Batch: 462585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	11		49.8	59.4		mg/Kg		98	75 - 125	2	20

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Metals

Prep Batch: 462585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-3	AOC1-B22-N5-D1.5	Total/NA	Solid	3050B	
440-203718-4	AOC1-B22-N5-D2.5	Total/NA	Solid	3050B	
440-203718-6	AOC1-B22-N10-D1.5	Total/NA	Solid	3050B	
440-203718-7	AOC1-B22-N10-D2.5	Total/NA	Solid	3050B	
440-203718-14	AOC1-B22-S5-D1.5	Total/NA	Solid	3050B	
440-203718-15	AOC1-B22-S5-D2.5	Total/NA	Solid	3050B	
440-203718-17	AOC1-B22-S10-D1.5	Total/NA	Solid	3050B	
440-203718-18	AOC1-B22-S10-D2.5	Total/NA	Solid	3050B	
440-203718-101	AOC1-B112-N5-D1.5	Total/NA	Solid	3050B	
440-203718-102	AOC1-B112-N5-D2.5	Total/NA	Solid	3050B	
440-203718-104	AOC1-B112-N10-D1.5	Total/NA	Solid	3050B	
440-203718-105	AOC1-B112-N10-D2.5	Total/NA	Solid	3050B	
440-203718-131	AOC1-B8-S10-D1.5	Total/NA	Solid	3050B	
440-203718-132	AOC1-B8-S10-D2.5	Total/NA	Solid	3050B	
MB 440-462585/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-462585/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-203718-3 MS	AOC1-B22-N5-D1.5	Total/NA	Solid	3050B	
440-203718-3 MSD	AOC1-B22-N5-D1.5	Total/NA	Solid	3050B	

Analysis Batch: 462787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-3	AOC1-B22-N5-D1.5	Total/NA	Solid	6010B	462585
440-203718-4	AOC1-B22-N5-D2.5	Total/NA	Solid	6010B	462585
440-203718-6	AOC1-B22-N10-D1.5	Total/NA	Solid	6010B	462585
440-203718-7	AOC1-B22-N10-D2.5	Total/NA	Solid	6010B	462585
440-203718-14	AOC1-B22-S5-D1.5	Total/NA	Solid	6010B	462585
440-203718-15	AOC1-B22-S5-D2.5	Total/NA	Solid	6010B	462585
440-203718-17	AOC1-B22-S10-D1.5	Total/NA	Solid	6010B	462585
440-203718-18	AOC1-B22-S10-D2.5	Total/NA	Solid	6010B	462585
440-203718-101	AOC1-B112-N5-D1.5	Total/NA	Solid	6010B	462585
440-203718-102	AOC1-B112-N5-D2.5	Total/NA	Solid	6010B	462585
440-203718-104	AOC1-B112-N10-D1.5	Total/NA	Solid	6010B	462585
440-203718-105	AOC1-B112-N10-D2.5	Total/NA	Solid	6010B	462585
440-203718-131	AOC1-B8-S10-D1.5	Total/NA	Solid	6010B	462585
440-203718-132	AOC1-B8-S10-D2.5	Total/NA	Solid	6010B	462585
MB 440-462585/1-A ^5	Method Blank	Total/NA	Solid	6010B	462585
LCS 440-462585/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	462585
440-203718-3 MS	AOC1-B22-N5-D1.5	Total/NA	Solid	6010B	462585
440-203718-3 MSD	AOC1-B22-N5-D1.5	Total/NA	Solid	6010B	462585

Definitions/Glossary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-2

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

Analysis Method	Prep Method	Matrix	Analyte
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Clerical History of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact Parsons 100 West Walnut St Pasadena, Ca 91124 (826) 440-6133		Project Manager: Justin King Tel/Fax: 826-440-6133 Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below Std <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Nenette Paulson Date: 2/19/2018 Lab Contact: Patty Mata Carrier:		COC No 6 of 13 COCs Sampler: Nenette Paulson For Lab Use Only: Walk-in Client: Lab Sampling Job / SDG No.:											
Sample Identification AOC1-B77-NW5-D2.5-D AOC1-B78-NW10-D0.5-D AOC1-B78-SW10-D0.5-D AOC1-B78-SEB-D1.5-D AOC1-B78-NW10-D0.5 AOC1-B78-NW10-D1.5 AOC1-B78-NW10-D1.5 AOC1-B78-SW5-D0.5 AOC1-B78-SW5-D1.5 AOC1-B78-SW5-D2.5 AOC1-B81-SW5-D1.5 AOC1-B81-NW5-D1.5		Sample Date 2/19/18 2/19/18 2/19/18 2/19/18 2/19/18 2/19/18 2/19/18 2/19/18 2/19/18 2/19/18 2/19/18		Sample Type (C-Comp, G-Grab) G G G G G G G G G G G		Matrix S S S S S S S S S S S S		# of Cont. 1 1 1 1 1 1 1 1 1 1 1 1 1		Filtered Sample (Y/N) N N N N N N N N N N N N		Perform MS / MSD (Y / N) X X X X X X X X X X X X		Lead X X X X X X X X X X X X		Sample Specific Notes:	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return to Client <input type="checkbox"/> Disposal by Lab <input checked="" type="checkbox"/> Archive for _____ Months														Therm ID No.:			
Comments Section if the lab is to dispose of the sample. Please List any EPA Waste Codes for the sample in the _____ 4: 4HNO3; 5: NaOH; 6: Other _____														Custody Seal No.:			
Special Instructions/QC Requirements & Comments:														Relinquished by: <i>W. Rivas</i> Date/Time: 2/19/18 1500 Relinquished by: <i>W. Rivas</i> Date/Time: 2/19/18 1720 Relinquished by: <i>W. Rivas</i> Date/Time: 2/19/18 1720			

TestAmerica Irvine
17461 Darian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> RCRA <input type="checkbox"/> Other: <input type="checkbox"/>		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		Carrier:		COC No: 8 of 13 COCs	
Parsons		Tel/Fax: 626-440-6133		Analysis Turnaround Time		Lab Contact: Patty Mata		Sampler: Nenette Paulson		For Lab Use Only:		Walk-in Client:	
100 West Walnut St		Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Perform MS/MSD (Y/N)		Lead		Lab Sampling:		Job / SDG No.	
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Type (C-Comp, G-Gravel)		Matrix		# of Cont.		Sample Specific Notes:	
Project Name: Reseda HS PEA		Site: Reseda HS		Sample Identification		Sample Date		Sample Type (C-Comp, G-Gravel)		Matrix		# of Cont.	
AOC1-B81-NE10-P1.5		2/19/18		1238		G		S		1		X	
AOC1-B81-NE10-P1.5		2/19/18		1240		G		S		1		X	
AOC1-B81-NE10-P2.5		2/19/18		1242		G		S		1		X	
AOC1-B81-SW5-P1.5		2/19/18		1244		G		S		1		X	
AOC1-B81-SW5-P1.5		2/19/18		1246		G		S		1		X	
AOC1-B81-SW5-P2.5		2/19/18		1248		G		S		1		X	
AOC1-B81-SW10-P1.5		2/19/18		1250		G		S		1		X	
AOC1-B81-SW10-P2.5		2/19/18		1252		G		S		1		X	
AOC1-B81-SE3-P1.5		2/19/18		1254		G		S		1		X	
AOC1-B81-SE5-P1.5		2/19/18		1256		G		S		1		X	
AOC1-B81-SE5-P1.5		2/19/18		1258		G		S		1		X	
AOC1-B81-SE5-P2.5		2/19/18		1300		G		S		1		X	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other												1	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.													
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> San Inert <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown													
Special Instructions/QC Requirements & Comments:													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd		Cor'd		Therm ID No.:					
Relinquished by: <i>[Signature]</i>		Company: Parsons		Date/Time: 2/19/2018 1500		Received by: <i>Will River</i>		Company: TA-IRV		Date/Time: 2/19/18 1500			
Relinquished by: <i>Will River</i>		Company: TA-IRV		Date/Time: 2/19/18 1720		Received by: <i>[Signature]</i>		Company: TA-IRV		Date/Time: 2/19/18 1720			
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <i>[Signature]</i>		Company: TA-IRV		Date/Time: 2/19/18 1720			

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		1 of 13 COCs	
(626) 440-6133		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic		Lead	
Project Name: Reseda HS PEA		CALENDAR DAYS		TAT if different from Below		Filtered Sample (Y / N)		Sample Specific Notes	
Site: Reseda HS		WORKING DAYS		Std		# of Cont.			
PO#		Sample Date		Sample Type (C-Comp, G-Grab)		Matrix			
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/18	G	1						
Site: Reseda HS	2/19/18	G	1						
PO#	2/19/18	G	1						
100 West Walnut St	2/19/18	G	1						
Pasadena, Ca 91124	2/19/18	G	1						
(626) 440-6133	2/19/18	G	1						
Project Name: Reseda HS PEA	2/19/								

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Ch. 1 of Custody Record

TestAmerica
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TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		2 of 13 COCs	
100 West Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic		Sampler: Nenette Paulson	
Pasadena, CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y / N)		Lead		For Lab Use Only:	
(626) 440-6133		TAT if different from Below: _____		# of Cont.		# of Matrix		Walk-in Client:	
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Type (C-Comp, G-Grab)		Lab Sampling:	
Site: Reseda HS		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Job / SDG No.:	
PO #		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Sample Specific Notes:	
AOC1-B22-SS-P0.5		2/19/18	0915	G	S	1	N	X	
AOC1-B22-SS-P1.5		2/19/18	0910	G	S	1	N	H	
AOC1-B22-SS-P2.5		2/19/18	0915	G	S	1	N	H	
AOC1-B22-S10-P0.5		2/19/18	0920	G	S	1	N	X	
AOC1-B22-S10-P1.5		2/19/18	0925	G	S	1	N	H	
AOC1-B22-S10-P2.5		2/19/18	0930	G	S	1	N	H	
AOC1-B100-N15-P0.5		2/19/18	0935	G	S	1	N	X	
AOC1-B100-N15-P1.5		2/19/18	0940	G	S	1	N	H	
AOC1-B100-N15-P2.5		2/19/18	0945	G	S	1	N	H	
AOC1-B100-W15-P0.5		2/19/18	0950	G	S	1	N	X	
AOC1-B100-W15-P1.5		2/19/18	0955	G	S	1	N	H	
AOC1-B100-W15-P2.5		2/19/18	1000	G	S	1	N	H	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Are any samples from a listed EPA Hazardous Waste? ☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact	Yes	No	Custody Seal No.	Company: Parsons	Relinquished by:	Date/Time: 2/19/2018 1500	Received by: Wilh. Rivera	Company: TA-IRV	Date/Time: 2/19/18 1500	Therm ID No.:
Relinquished by:				Company: TA-IRV	Relinquished by:	2/19/18 1720	Received by: Olga Omelas	Company: TA-IRV	2/19/18 1720	

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 2/19/2018 Carrier:		COC No: 4 of 13 COCs	
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: Sid <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Sampler: Nenette Paulson For Lab Use Only: Walk-in Client Lab Sampling: Job / SDG No.:	
Project Name: Reseda HS PEA Site: Reseda HS P O #									
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Arsenic	Lead
ACC1-B100-E10-D0.5	2/19/18	1105	G	S	1	N			
ACC1-B100-E10-D1.5	2/19/18	1110	G	S	1	N			
ACC1-B100-E10-D2.5	2/19/18	1115	G	S	1	N			
ACC1-B77-NW5-D0.5	2/19/18	1120	G	S	1	N			
ACC1-B77-NW5-D1.5	2/19/18	1122	G	S	1	N			
ACC1-B77-NW5-D2.5	2/19/18	1124	G	S	1	N			
ACC1-B77-NW10-D0.5	2/19/18	1126	G	S	1	N			
ACC1-B77-NW10-D1.5	2/19/18	1128	G	S	1	N			
ACC1-B77-NW10-D2.5	2/19/18	1130	G	S	1	N			
ACC1-B77-SW5-D0.5	2/19/18	1132	G	S	1	N			
ACC1-B77-SW5-D1.5	2/19/18	1134	G	S	1	N			
ACC1-B77-SW5-D2.5	2/19/18	1136	G	S	1	N			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by: [Signature]		Company: Parsons		Received by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1500	
Relinquished by: [Signature]		Company: TA-IRV		Received by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1720	
Relinquished by: [Signature]		Company: TA-IRV		Received by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1720	

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TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No:			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		COC No: 5 of 13 COCs			
100 West Walnut St		Analysis Turnaround Time		Calendar Days		Working Days		Sampler: Nenette Paulson			
Pasadena, Ca 91124		TAT if different from Below		Std				For Lab Use Only:			
(626) 440-6133		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		Walk-in Client			
Project Name: Reseda HS PEA		<input type="checkbox"/> 1 day						Lab Sampling			
Site: Reseda HS								Job / SDG No.:			
PO#											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead	Arsenic	Sample Specific Notes:
A001-B77-SW10-P1.5		2/19/18	1138	G	S	1	N			X	
A001-B77-SW10-P1.5		2/19/18	1140	G	S	1	N			X	
A001-B77-SW10-P2.5		2/19/18	1142	G	S	1	N			X	
A001-B77-SW10-P1.5		2/19/18	1144	G	S	1	N			X	
A001-B77-SW10-P1.5		2/19/18	1146	G	S	1	N			X	
A001-B77-SW10-P2.5		2/19/18	1148	G	S	1	N			X	
A001-B77-SW10-P1.5		2/19/18	1150	G	S	1	N			X	
A001-B77-SW10-P2.5		2/19/18	1152	G	S	1	N			X	
A001-B77-SW10-P1.5		2/19/18	1154	G	S	1	N			X	
A001-B77-SW10-P2.5		2/19/18	1156	G	S	1	N			X	
A001-B77-SW10-P1.5		2/19/18	1158	G	S	1	N			X	
A001-B77-SW10-P2.5		2/19/18	1200	G	S	1	N			H	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
Special Instructions/QC Requirements & Comments:											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No											
Relinquished by: <i>[Signature]</i>											
Relinquished by: <i>W. Rivas</i>											
Relinquished by: <i>[Signature]</i>											
Custody Seal No.: Company: Parsons											
Date/Time: 2/19/2018 1500											
Received by: <i>W. Rivas</i>											
Company: TA-IRV											
Date/Time: 2/19/18 1720											
Received by: <i>[Signature]</i>											
Company: <i>W. Rivas</i>											
Date/Time: 2/19/18 1720											
Received by: <i>[Signature]</i>											
Company: <i>W. Rivas</i>											
Date/Time: 2/19/18 1720											

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 2/19/2018		COC No. 6 of 13 COCs	
Parsons 100 West Walnut St Pasadena, CA 91124 (626) 440-6133		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Identification		Sample Specific Notes:		Sampler: Nenette Paulson For Lab Use Only: Walk-in Client: Lab Sampling Job / SDG No.:	
PO#	Project Name: Reseda HS PEA Site: Reseda HS	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Lead
		2/19/18	1124	G	S	1	N		
		2/19/18	1202	G	S	1	N		
		2/19/18	1214	G	S	1	N		
		2/19/18	1222	G	S	1	N		
		2/19/18	1202	G	S	1	N		
		2/19/18	1204	G	S	1	N		
		2/19/18	1206	G	S	1	N		
		2/19/18	1208	G	S	1	N		
		2/19/18	1210	G	S	1	N		
		2/19/18	1212	G	S	1	N		
		2/19/18	1246	G	S	1	N		
		2/19/18	1216	G	S	1	N		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Custody Seal No.:	Company: Parsons
Relinquished by:				
Relinquished by:				
Relinquished by:				

Received by: *Will Rivas* Date/Time: 2/19/18 1500
Received by: *Will Rivas* Date/Time: 2/19/18 1720
Received in Laboratory by: *Will Rivas* Date/Time: 2/19/18 1720

Company: TA-IRV
Company: TA-IRV
Company: TA-IRV

Therm ID No.:
Date/Time: 2/19/18 1500
Date/Time: 2/19/18 1720
Date/Time: 2/19/18 1720

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TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No.	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		7 of 13 COCs	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		Lead	
Pasadena, CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Type (C=Comp, G=Grab)		# of Matrix Cont.		Sample Specific Notes	
(626) 440-6133		TAT if different from Below: Sid		Sample Date		Sample Time		Sample	
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		2/19/18		12:14		G S 1	
Site: Reseda HS				2/19/18		12:16		G S 1	
P O #				2/19/18		12:18		G S 1	
				2/19/18		12:20		G S 1	
				2/19/18		12:22		G S 1	
				2/19/18		12:24		G S 1	
				2/19/18		12:26		G S 1	
				2/19/18		12:28		G S 1	
				2/19/18		12:30		G S 1	
				2/19/18		12:32		G S 1	
				2/19/18		12:34		G S 1	
				2/19/18		12:36		G S 1	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp (°C): Obs'd.		Corr'd.		Therm ID No.:	
Relinquished by: <i>W. Rivera</i>		Company: Parsons		Received by: <i>W. Rivera</i>		Company: TA-IRV		Date/Time: 2/19/18 1500	
Relinquished by: <i>W. Rivera</i>		Company: TA-IRV		Received by: <i>W. Rivera</i>		Company: TA-IRV		Date/Time: 2/19/18 1720	
Relinquished by: <i>W. Rivera</i>		Company: TA-IRV		Received by: <i>W. Rivera</i>		Company: TA-IRV		Date/Time: 2/19/18 1720	

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Ch. 1 of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nette Paulson		Date: 2/19/2018		COC No.:			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		COC No.:			
100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic		Lead			
Project Name: Reseda HS PEA		CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input type="checkbox"/>		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Matrix Cont.	
Site: Reseda HS		TAT if different from Below: _____ Sid _____		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Matrix Cont.	
P O #		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Matrix Cont.	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Matrix Cont.		Sample Specific Notes:	
A001-B81-NE10-P0.5		2/19/18		1238		G		S 1		X	
A001-B81-NE10-P1.5		2/19/18		1240		G		S 1		X	
A001-B81-NE10-P2.5		2/19/18		1242		G		S 1		X	
A001-B81-SW5-P0.5		2/19/18		1244		G		S 1		X	
A001-B81-SW5-P1.5		2/19/18		1246		G		S 1		X	
A001-B81-SW5-P2.5		2/19/18		1248		G		S 1		X	
A001-B81-SW10-P0.5		2/19/18		1250		G		S 1		X	
A001-B81-SW10-P1.5		2/19/18		1252		G		S 1		X	
A001-B81-SW10-P2.5		2/19/18		1254		G		S 1		X	
A001-B81-SE5-P0.5		2/19/18		1256		G		S 1		X	
A001-B81-SE5-P1.5		2/19/18		1258		G		S 1		X	
A001-B81-SE5-P2.5		2/19/18		1300		G		S 1		X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other: _____

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact	Yes	No	Custody Seal No.	Company: Parsons	Date/Time: 2/19/2018 1500	Received by: Will Rivas	Company: TH-IRV	Therm ID No.:
Relinquished by:								
Relinquished by:								
Relinquished by:								

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nette Paulson		Date: 2/19/2018		COC No: 9 of 13 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nette Paulson	
100 West Walnut St		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client	
Pasadena, Ca 91124		TAT if different from Below		Sid		Lab Sampling:		Job / SDG No.:	
(626) 440-6133		<input checked="" type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week					
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day					
Site: Reseda HS		<input type="checkbox"/> 1 day							
PO #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Lead	Sample Specific Notes:
AOC1 - B61-SC10-D0.5		2/19/18	1312	G	S	1	N	X	
AOC1 - B61-SE10-D1.5		2/19/18	1304	G	S	1	N	X	
AOC1 - B61-SE10-D2.5		2/19/18	1306	G	S	1	N	X	
AOC1 - B112-NV5-D0.5		2/19/18	1308	G	S	1	N	X	
AOC1 - B112-NV5-D1.5		2/19/18	1310	G	S	1	N	H	
AOC1 - B112-NV5-D2.5		2/19/18	1312	G	S	1	N	H	
AOC1 - B112-NV10-D0.5		2/19/18	1314	G	S	1	N	X	
AOC1 - B112-NV10-D1.5		2/19/18	1316	G	S	1	N	H	
AOC1 - B112-NV10-D2.5		2/19/18	1318	G	S	1	N	H	
AOC1 - B112-W3-D0.5		2/19/18	1320	G	S	1	N	X	
AOC1 - B112-W5-D1.5		2/19/18	1322	G	S	1	N	H	
AOC1 - B112-W5-D2.5		2/19/18	1324	G	S	1	N	H	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact.	Yes	No	Custody Seal No.	Company: Parsons	Date/Time: 2/19/2018 1500	Received by: Will. Rivera	Company: TA-IRV	Date/Time: 2/19/18 1720	Received in Laboratory by: Olga Jimelas	Company: TA-IRV	Date/Time: 2/19/18 1720
Relinquished by:											
Relinquished by:											
Relinquished by:											

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Justin King Tel/Fax: 626-440-6133	Site Contact: Nenette Paulson Lab Contact: Patty Mata	Date: 2/19/2018	Carrier:
----------------	---	--	-----------------	----------

Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133	Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	COC No. 10 of 13 COCs
---	---	--------------------------

Project Name: Reseda HS PEA	Sampler: Nenette Paulson
Site: Reseda HS	For Lab Use Only:
P.O.#	Walk-in Client:
	Lab Sampling:
	Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Arsenic	Lead	Sample Specific Notes
A001-B 108-510-D0.5	2/19/18	1344	G	S	1	N		X	X	
A001-B 108-510-D1.5	2/19/18	1346	G	S	1	N		H	H	
A001-B 108 510-D2.5	2/19/18	1348	G	S	1	N		H	H	
A001-B 6-N5-D0.5	2/19/18	1336	G	S	1	N		X	X	
A001-B 6-N5-D1.5	2/19/18	1337	G	S	1	N		H	H	
A001-B 6-N5-D2.5	2/19/18	1338	G	S	1	N		H	H	
A001-B 6-N10-D0.5	2/19/18	1330	G	S	1	N		X	X	
A001-B 6-N10-D1.5	2/19/18	1332	G	S	1	N		H	H	
A001-B 6-N10-D2.5	2/19/18	1335	G	S	1	N		H	H	
A001-B 6-N5-D0.5	2/19/18	1340	G	S	1	N		X	X	
A001-B 6-N5-D1.5	2/19/18	1341	G	S	1	N		H	H	
A001-B 6-N5-D2.5	2/19/18	1344	G	S	1	N		H	H	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other	1
Possible Hazard Identification:	
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.	
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	

Special Instructions/QC Requirements & Comments:	
--	--

Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:
Relinquished by: [Signature]	Company: Parsons
Relinquished by: [Signature]	Company: TA-IRV
Relinquished by: [Signature]	Company: [Signature]

Received by: [Signature]	Company: TA-IRV
Received by: [Signature]	Company: [Signature]
Received in Laboratory by: [Signature]	Company: [Signature]

Date/Time: 2/19/18 1500	Date/Time: 2/19/18 1500
Date/Time: 2/19/18 1720	Date/Time: 2/19/18 1720
Date/Time: 2/19/18 1720	Date/Time: 2/19/18 1720

Cooler Temp. (°C): Obs'd: _____	Therm ID No.:
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Client of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No.	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		11 of 13 COCs	
(626) 440-6133		Analysis Turnaround Time		Calendar Days		Working Days		Sampler: Nenette Paulson	
Project Name: Reseda HS PEA		TAT if different from Below		Sid				For Lab Use Only:	
Site: Reseda HS		<input checked="" type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		Walk-in Client:	
P.O.#		<input type="checkbox"/> 1 day						Lab Sampling:	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead
AOC1-B6-W10-P1.5	2/19/18	1346	G	S	1	N			
AOC1-B6-W10-P1.5	2/19/18	1349	G	S	1	N			
AOC1-B6-W10-P2.5	2/19/18	1350	G	S	1	N			
AOC1-B6-S5-P1.5	2/19/18	1352	G	S	1	N			
AOC1-B6-S5-P1.5	2/19/18	1354	G	S	1	N			
AOC1-B6-S5-P2.5	2/19/18	1357	G	S	1	N			
AOC1-B6-S10-P1.5	2/19/18	1357	G	S	1	N			
AOC1-B6-S10-P1.5	2/19/18	1400	G	S	1	N			
AOC1-B6-S10-P2.5	2/19/18	1402	G	S	1	N			
AOC1-B8-S10-P1.5	2/19/18	1419	G	S	1	N			
AOC1-B8-S10-P1.5	2/19/18	1417	G	S	1	N			
AOC1-B8-S10-P2.5	2/19/18	1418	G	S	1	N			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Custody Seal No.:	Company: Parsons	Received by:	Company: TA-IRV	Date/Time: 2/19/2018 1500	Therm ID No.:
Relinquished by:					Walter Rivera	TA-IRV	2/19/18 1500	
Relinquished by:					Walter Rivera	TA-IRV	2/19/18 1720	
Relinquished by:					Walter Rivera	TA-IRV	2/19/18 1720	

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:	
100 West Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y / N)		Lead	
(626) 440-6133		TAT if different from Below _____ Sid _____		Sample Type (C=Comp, G=Grab)		# of Cont.	
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time	
Site: Reseda HS		PO#		Sample Identification		Sample Specific Notes:	
AOC1-B112-W10-D0.5		2/19/18		1330		G S 1	
AOC1-B112-W10-D0.5		2/19/18		1336		G S 1	
AOC1-B112-W10-D1.5		2/19/18		1348		G S 1	
AOC1-B112-W10-D2.5		2/19/18		1350		G S 1	
AOC1-B112-W5-D0.5-D		2/19/18		1320		G S 1	
AOC1-B108-E5-D0.5		2/19/18		1344		G S 1	
AOC1-B108-E5-D1.5		2/19/18		1346		G S 1	
AOC1-B108-E5-D2.5		2/19/18		1348		G S 1	
AOC1-B108-S5-D0.5		2/19/18		1332		G S 1	
AOC1-B108-S5-D1.5		2/19/18		1334		G S 1	
AOC1-B108-S5-D2.5		2/19/18		1336		G S 1	
AOC1-B108-S10-D0.5-D		2/19/18		1338		G S 1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Company	Parsons	Date/Time:	2/19/2018	1500
Relinquished by:			Company:	TA-IRV	Date/Time:	2/19/18	1720
Relinquished by:			Company:	TA-IRV	Date/Time:	2/19/18	1720

Cooler Temp. (°C) Obs'd: _____ Cor'd: _____ Therm ID No.: _____

Received by: _____ Date/Time: 2/19/18 1500

Received by: _____ Date/Time: 2/19/18 1720

Received in Laboratory by: _____ Date/Time: 2/19/18 1720

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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phone 949.261 1022 fax 949.260 3299

Regulatory Program:

Regulatory Program: ☐bw ☐☒ Other:

TestAmerica Laboratories, Inc.

Client Contact Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 2/19/2018 Carrier:		COC No 13 of 13 COCs	
Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: Std _____ <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day									
Project Name: Reseda HS PEA Site: Reseda HS P.O.#		Sample Identification AOC1-68-S10-005-P		Sample Type: (C=Comp, G=Grab) Matrix: _____ # of Cont.: _____		Filtered Sample (Y/N) Perform MS/MSD (Y/N)		Lead Arsenic _____ Lead _____	
		Sample Date: 2/19/18 Sample Time: 1415		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N		Sample Specific Notes:	
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date: 2/19/18 Sample Time:		Sample Type: G Matrix: S # of Cont.: 1		Filtered Sample (Y/N): N Perform MS/MSD (Y/N): N			
		Sample Date:							

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Friday, March 09, 2018 8:44 AM
To: Kim, Martin C.
Cc: Mata, Patty
Subject: RE: Reseda Soil Sampling

-External Email-

Yes, lets do those samples. Thanks, Justin

From: Kim, Martin C. [mailto:Martin.Kim@testamericainc.com]
Sent: Friday, March 09, 2018 8:42 AM
To: King, Justin <Justin.King@parsons.com>
Cc: Mata, Patty <Patty.Mata@testamericainc.com>
Subject: FW: Reseda Soil Sampling

Hello,

I was looking over the sample and two of the samples on your list do not exist.

- Analyze AOC1-B91-N10-D1.5-D for arsenic
- Analyze AOC1-B91-N10-D2.5-D for arsenic

These samples are not on either one of the jobs. However, I found AOC1-B91-N10-D1.5 and AOC1-B91-N10-D2.5 without the –D on one of the jobs. Was the –D a typo? Please confirm.

Thanks,

Martin Kim
Project Management Assistant

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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Dir 949 260 3280
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Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at : **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>[\[surveymonkey.com\]](https://www.surveymonkey.com/s/TAProjectFeedback)

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From: Mata, Patty
Sent: Thursday, March 08, 2018 7:02 PM
To: Kim, Martin C.
Subject: FW: Reseda Soil Sampling

Martin,

Do you have time to take samples off hold and add tests to a job -2 for the samples listed in the email below please?

Thanks,

PATTY MATA
Project Manager

Test America
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave, Suite #100
Irvine, CA 92614
TEL 949-261-1022 | FAX 949-260-3297
DIRECT 949-260-3213

www.testamericainc.com[\[testamericainc.com\]](http://testamericainc.com)

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From: King, Justin [<mailto:Justin.King@parsons.com>]
Sent: Thursday, March 08, 2018 5:30 PM
To: Mata, Patty
Cc: Robinson, Dane
Subject: Reseda Soil Sampling

-External Email-

Hi Patty

I would like to take the below samples off of hold and analyze for the following analysis.

- Analyze AOC1-B8-S10-D1.5 for arsenic
- Analyze AOC1-B8-S10-D2.5 for arsenic
- Analyze AOC1-B10-N5-D1.5 for arsenic
- Analyze AOC1-B10-N5-D2.5 for arsenic
- Analyze AOC1-B10-W5-D1.5 for arsenic
- Analyze AOC1-B10-W5-D2.5 for arsenic
- Analyze AOC1-B22-N5-D1.5 for arsenic
- Analyze AOC1-B22-N5-D2.5 for arsenic
- Analyze AOC1-B22-N10-D1.5 for arsenic
- Analyze AOC1-B22-N10-D2.5 for arsenic

- Analyze AOC1-B22-S5-D1.5 for arsenic
- Analyze AOC1-B22-S5-D2.5 for arsenic
- Analyze AOC1-B22-S10-D1.5 for arsenic
- Analyze AOC1-B22-S10-D2.5 for arsenic
- Analyze AOC1-B34-N5-D1.5 for lead
- Analyze AOC1-B34-N5-D2.5 for lead
- Analyze AOC1-B91-N5-D1.5 for arsenic
- Analyze AOC1-B91-N5-D2.5 for arsenic
- Analyze AOC1-B91-N10-D1.5-D for arsenic
- Analyze AOC1-B91-N10-D2.5-D for arsenic
- Analyze AOC1-B91-S5-D1.5 for arsenic
- Analyze AOC1-B91-S5-D2.5 for arsenic
- Analyze AOC1-B112-N5-D1.5 for arsenic
- Analyze AOC1-B112-N5-D2.5 for arsenic
- Analyze AOC1-B112-N10-D1.5 for arsenic
- Analyze AOC1-B112-N10-D2.5 for arsenic

Thanks,
Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

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Cl. 1 of Custody Record

TestAmerica Laboratories, Inc.

TestAmerica

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-203718-2

Login Number: 203718

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-204170-2

Client Project/Site: LAUSD Reseda H.S., CA

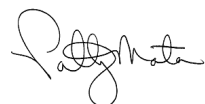
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

3/15/2018 9:43:32 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-204170-3	AOC1-B91-N5-D1.5	Solid	02/24/18 07:36	02/26/18 18:10
440-204170-4	AOC1-B91-N5-D2.5	Solid	02/24/18 07:38	02/26/18 18:10
440-204170-6	AOC1-B91-N10-D1.5	Solid	02/24/18 07:42	02/26/18 18:10
440-204170-7	AOC1-B91-N10-D2.5	Solid	02/24/18 07:44	02/26/18 18:10
440-204170-9	AOC1-B91-S5-D1.5	Solid	02/24/18 07:48	02/26/18 18:10
440-204170-10	AOC1-B91-S5-D2.5	Solid	02/24/18 07:50	02/26/18 18:10
440-204170-54	AOC1-B34-N5-D1.5	Solid	02/24/18 09:22	02/26/18 18:10
440-204170-55	AOC1-B34-N5-D2.5	Solid	02/24/18 09:24	02/26/18 18:10
440-204170-93	AOC1-B10-N5-D1.5	Solid	02/24/18 08:50	02/26/18 18:10
440-204170-94	AOC1-B10-N5-D2.5	Solid	02/24/18 08:52	02/26/18 18:10
440-204170-100	AOC1-B10-W5-D1.5	Solid	02/24/18 09:24	02/26/18 18:10
440-204170-101	AOC1-B10-W5-D2.5	Solid	02/24/18 09:25	02/26/18 18:10

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Job ID: 440-204170-2

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-204170-2

Comments

Only the additional test results requested on 3/9/18 are included in this report.

Receipt

The samples were received on 2/26/2018 6:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.1° C, 0.8° C, 0.8° C and 2.0° C.

Metals

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) precision value for preparation batch 440-462587 and analytical batch 440-462781 was outside control limits for Arsenic. The individual MS and MSD recoveries were within limits and the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Client Sample ID: AOC1-B91-N5-D1.5

Lab Sample ID: 440-204170-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15	F2	3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N5-D2.5

Lab Sample ID: 440-204170-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N10-D1.5

Lab Sample ID: 440-204170-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N10-D2.5

Lab Sample ID: 440-204170-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-S5-D1.5

Lab Sample ID: 440-204170-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-S5-D2.5

Lab Sample ID: 440-204170-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-N5-D1.5

Lab Sample ID: 440-204170-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	40		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-N5-D2.5

Lab Sample ID: 440-204170-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	28		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-N5-D1.5

Lab Sample ID: 440-204170-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-N5-D2.5

Lab Sample ID: 440-204170-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-W5-D1.5

Lab Sample ID: 440-204170-100

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Client Sample ID: AOC1-B10-W5-D1.5 (Continued)

Lab Sample ID: 440-204170-100

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-W5-D2.5

Lab Sample ID: 440-204170-101

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Client Sample ID: AOC1-B91-N5-D1.5

Lab Sample ID: 440-204170-3

Date Collected: 02/24/18 07:36

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15	F2	3.0	1.5	mg/Kg	—	03/09/18 11:14	03/09/18 22:13	5

Client Sample ID: AOC1-B91-N5-D2.5

Lab Sample ID: 440-204170-4

Date Collected: 02/24/18 07:38

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		3.0	1.5	mg/Kg	—	03/09/18 11:14	03/09/18 22:25	5

Client Sample ID: AOC1-B91-N10-D1.5

Lab Sample ID: 440-204170-6

Date Collected: 02/24/18 07:42

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		3.0	1.5	mg/Kg	—	03/09/18 11:14	03/09/18 22:27	5

Client Sample ID: AOC1-B91-N10-D2.5

Lab Sample ID: 440-204170-7

Date Collected: 02/24/18 07:44

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		3.0	1.5	mg/Kg	—	03/09/18 11:14	03/09/18 22:30	5

Client Sample ID: AOC1-B91-S5-D1.5

Lab Sample ID: 440-204170-9

Date Collected: 02/24/18 07:48

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg	—	03/09/18 11:14	03/09/18 22:39	5

Client Sample ID: AOC1-B91-S5-D2.5

Lab Sample ID: 440-204170-10

Date Collected: 02/24/18 07:50

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		3.0	1.5	mg/Kg	—	03/09/18 11:14	03/09/18 22:41	5

Client Sample ID: AOC1-B34-N5-D1.5

Lab Sample ID: 440-204170-54

Date Collected: 02/24/18 09:22

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	40		2.0	1.0	mg/Kg	—	03/09/18 11:14	03/09/18 22:44	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Client Sample ID: AOC1-B34-N5-D2.5

Lab Sample ID: 440-204170-55

Date Collected: 02/24/18 09:24

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	28		2.0	1.0	mg/Kg		03/09/18 11:14	03/09/18 22:46	5

Client Sample ID: AOC1-B10-N5-D1.5

Lab Sample ID: 440-204170-93

Date Collected: 02/24/18 08:50

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		3.0	1.5	mg/Kg		03/09/18 11:14	03/09/18 22:48	5

Client Sample ID: AOC1-B10-N5-D2.5

Lab Sample ID: 440-204170-94

Date Collected: 02/24/18 08:52

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg		03/09/18 11:14	03/09/18 22:51	5

Client Sample ID: AOC1-B10-W5-D1.5

Lab Sample ID: 440-204170-100

Date Collected: 02/24/18 09:24

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg		03/09/18 11:14	03/09/18 22:53	5

Client Sample ID: AOC1-B10-W5-D2.5

Lab Sample ID: 440-204170-101

Date Collected: 02/24/18 09:25

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg		03/09/18 11:14	03/09/18 22:56	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Client Sample ID: AOC1-B91-N5-D1.5

Date Collected: 02/24/18 07:36

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:13	K1E	TAL IRV

Client Sample ID: AOC1-B91-N5-D2.5

Date Collected: 02/24/18 07:38

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:25	K1E	TAL IRV

Client Sample ID: AOC1-B91-N10-D1.5

Date Collected: 02/24/18 07:42

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:27	K1E	TAL IRV

Client Sample ID: AOC1-B91-N10-D2.5

Date Collected: 02/24/18 07:44

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:30	K1E	TAL IRV

Client Sample ID: AOC1-B91-S5-D1.5

Date Collected: 02/24/18 07:48

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:39	K1E	TAL IRV

Client Sample ID: AOC1-B91-S5-D2.5

Date Collected: 02/24/18 07:50

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:41	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Client Sample ID: AOC1-B34-N5-D1.5

Lab Sample ID: 440-204170-54

Date Collected: 02/24/18 09:22

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:44	K1E	TAL IRV

Client Sample ID: AOC1-B34-N5-D2.5

Lab Sample ID: 440-204170-55

Date Collected: 02/24/18 09:24

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:46	K1E	TAL IRV

Client Sample ID: AOC1-B10-N5-D1.5

Lab Sample ID: 440-204170-93

Date Collected: 02/24/18 08:50

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:48	K1E	TAL IRV

Client Sample ID: AOC1-B10-N5-D2.5

Lab Sample ID: 440-204170-94

Date Collected: 02/24/18 08:52

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:51	K1E	TAL IRV

Client Sample ID: AOC1-B10-W5-D1.5

Lab Sample ID: 440-204170-100

Date Collected: 02/24/18 09:24

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:53	K1E	TAL IRV

Client Sample ID: AOC1-B10-W5-D2.5

Lab Sample ID: 440-204170-101

Date Collected: 02/24/18 09:25

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	462587	03/09/18 11:14	DT	TAL IRV
Total/NA	Analysis	6010B		5			462781	03/09/18 22:56	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-462587/1-A ^5

Matrix: Solid

Analysis Batch: 462781

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 462587

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		03/09/18 11:14	03/09/18 22:08	5
Lead	ND		2.0	0.99	mg/Kg		03/09/18 11:14	03/09/18 22:08	5

Lab Sample ID: LCS 440-462587/2-A ^5

Matrix: Solid

Analysis Batch: 462781

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 462587

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	45.4		mg/Kg		91	80 - 120
Lead	49.8	45.8		mg/Kg		92	80 - 120

Lab Sample ID: 440-204170-3 MS

Matrix: Solid

Analysis Batch: 462781

Client Sample ID: AOC1-B91-N5-D1.5

Prep Type: Total/NA

Prep Batch: 462587

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	15	F2	50.0	69.4		mg/Kg		109	75 - 125
Lead	5.8		50.0	53.1		mg/Kg		95	75 - 125

Lab Sample ID: 440-204170-3 MSD

Matrix: Solid

Analysis Batch: 462781

Client Sample ID: AOC1-B91-N5-D1.5

Prep Type: Total/NA

Prep Batch: 462587

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	15	F2	49.8	54.9	F2	mg/Kg		81	75 - 125	23	20
Lead	5.8		49.8	47.5		mg/Kg		84	75 - 125	11	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Metals

Prep Batch: 462587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-3	AOC1-B91-N5-D1.5	Total/NA	Solid	3050B	
440-204170-4	AOC1-B91-N5-D2.5	Total/NA	Solid	3050B	
440-204170-6	AOC1-B91-N10-D1.5	Total/NA	Solid	3050B	
440-204170-7	AOC1-B91-N10-D2.5	Total/NA	Solid	3050B	
440-204170-9	AOC1-B91-S5-D1.5	Total/NA	Solid	3050B	
440-204170-10	AOC1-B91-S5-D2.5	Total/NA	Solid	3050B	
440-204170-54	AOC1-B34-N5-D1.5	Total/NA	Solid	3050B	
440-204170-55	AOC1-B34-N5-D2.5	Total/NA	Solid	3050B	
440-204170-93	AOC1-B10-N5-D1.5	Total/NA	Solid	3050B	
440-204170-94	AOC1-B10-N5-D2.5	Total/NA	Solid	3050B	
440-204170-100	AOC1-B10-W5-D1.5	Total/NA	Solid	3050B	
440-204170-101	AOC1-B10-W5-D2.5	Total/NA	Solid	3050B	
MB 440-462587/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-462587/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-204170-3 MS	AOC1-B91-N5-D1.5	Total/NA	Solid	3050B	
440-204170-3 MSD	AOC1-B91-N5-D1.5	Total/NA	Solid	3050B	

Analysis Batch: 462781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-3	AOC1-B91-N5-D1.5	Total/NA	Solid	6010B	462587
440-204170-4	AOC1-B91-N5-D2.5	Total/NA	Solid	6010B	462587
440-204170-6	AOC1-B91-N10-D1.5	Total/NA	Solid	6010B	462587
440-204170-7	AOC1-B91-N10-D2.5	Total/NA	Solid	6010B	462587
440-204170-9	AOC1-B91-S5-D1.5	Total/NA	Solid	6010B	462587
440-204170-10	AOC1-B91-S5-D2.5	Total/NA	Solid	6010B	462587
440-204170-54	AOC1-B34-N5-D1.5	Total/NA	Solid	6010B	462587
440-204170-55	AOC1-B34-N5-D2.5	Total/NA	Solid	6010B	462587
440-204170-93	AOC1-B10-N5-D1.5	Total/NA	Solid	6010B	462587
440-204170-94	AOC1-B10-N5-D2.5	Total/NA	Solid	6010B	462587
440-204170-100	AOC1-B10-W5-D1.5	Total/NA	Solid	6010B	462587
440-204170-101	AOC1-B10-W5-D2.5	Total/NA	Solid	6010B	462587
MB 440-462587/1-A ^5	Method Blank	Total/NA	Solid	6010B	462587
LCS 440-462587/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	462587
440-204170-3 MS	AOC1-B91-N5-D1.5	Total/NA	Solid	6010B	462587
440-204170-3 MSD	AOC1-B91-N5-D1.5	Total/NA	Solid	6010B	462587

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Qualifiers

Metals

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-2

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

Analysis Method	Prep Method	Matrix	Analyte
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TestAmerica, Irvine
17481 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nonette Paulson		Carrier:		COC No:		
Persons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				1 of 12 COCs		
100 West Walnut St		Pasadena, Ca 91124						Sampler: Nonette Paulson		
(626) 440-6133								For Lab Use Only:		
Project Name: Reseda HS PEA		Analysis Turnaround Time						Walk-in Client:		
Site Reseda HS		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Lab Sampling:		
P O #		TAT if different from Below: <u>Std</u>						Job / SDG No.:		
		<input checked="" type="checkbox"/> 2 weeks								
		<input type="checkbox"/> 1 week								
		<input type="checkbox"/> 2 days								
		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (e.g., G, S, L)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead	Sample Specific Notes:
5022418		2/24/2018	0730	G	S	2			X	
AOC1-1591-N5-005		2/24/2018	0730	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0730	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0730	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-025		2/24/2018	0740	G	S	1			H	
AOC1-1591-N5-005		2/24/2018	0740	G	S	1			X	
AOC1-1591-N5-015		2/24/2018	0740	G	S	1				

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		Project Manager: Justin King		Site Contact: Nenetta Paulson		Carrier:		COC No: 2/24/2018	
Parsons		Tel/Fax: 626-440-6133		Analysis Turnaround Time		Lab Contact: Patty Mata		Sampler: Nenetta Paulson		COCs	
100 West Walnut St		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from below: Std		Perform MS/MSD (Y/N)		For Lab Use Only:		2/24/2018	
Pasadena, CA 91124		<input checked="" type="checkbox"/> 2 weeks		1 week		Arsenic		Walk-in Client:		2/24/2018	
(626) 440-6133		<input type="checkbox"/> 2 days		1 day		Lead		Lab Sampling:		2/24/2018	
Project Name: Reseda HS PEA		<input type="checkbox"/> 1 day				Filtered Sample (Y/N)		Job / SDG No.:		2/24/2018	
Site: Reseda HS						# of Cont.				2/24/2018	
PO #						Sample Type (C=Comp, G=Grab)				2/24/2018	
Sample Identification		Sample Date		Sample Time		Matrix		Sample Specific Notes:		2/24/2018	
A001-B1-N5-D0.5-D0.5		2/24/2018		0740 G		S		Not a Duplicate		2/24/2018	
A001-B1-W10-D0.5-D0.5		2/24/2018		0808 G		S				2/24/2018	
A001-B1-E5-D0.5-D0.5		2/24/2018		0808 G		S				2/24/2018	
A001-B1-E5-D0.5-D0.5		2/24/2018		0802 G		S				2/24/2018	
A001-B1-E5-D0.5-D0.5		2/24/2018		0805 G		S				2/24/2018	
A001-B1-E10-D0.5		2/24/2018		0747 G		S				2/24/2018	
A001-B1-E10-D0.5		2/24/2018		0748 G		S				2/24/2018	
A001-B1-E10-D0.5		2/24/2018		0750 G		S				2/24/2018	
A001-B10-N5-D0.5		2/24/2018		0846 G		S				2/24/2018	
A001-B10-N5-D0.5		2/24/2018		0850 G		S				2/24/2018	
A001-B10-N5-D0.5		2/24/2018		0852 G		S				2/24/2018	
A001-B10-N5-D0.5		2/24/2018		0849 G		S				2/24/2018	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other											
Possible Hazard Identification:											
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample											
Custody Seal Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No											
Relinquished by: [Signature]											
Relinquished by: [Signature]											
Relinquished by: [Signature]											
Custody Seal No.:											
Company: Parsons											
Date/Time: 2/26/2018											
Received by: [Signature]											
Date/Time: 2-26-18 17:10											
Received by: [Signature]											
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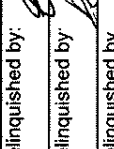
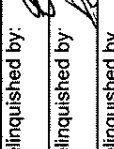
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phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:	
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018	
Project Name: Reseda HS PEA Site: Reseda HS P O #		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: <u>Std</u> <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Sampler: Nenette Paulson For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Lead	Sample Specific Notes:
F022418		2/24/2018	0730	G	SN	2		X	
A001-B91-N5-P0.5		2/24/2018	0730	G	S	1		X	
A001-B91-N5-P1.5		2/24/2018	0730	G	S	1		H	
A001-B91-N5-P2.5		2/24/2018	0730	G	S	1		H	
A001-B91-N10-P0.5		2/24/2018	0740	G	S	1		X	
A001-B91-N10-P1.5		2/24/2018	0740	G	S	1		H	
A001-B91-N10-P2.5		2/24/2018	0744	G	S	1		H	
A001-B91-S5-P0.5		2/24/2018	0746	G	S	1		X	
A001-B91-S5-P1.5		2/24/2018	0748	G	S	1		H	
A001-B91-S5-P2.5		2/24/2018	0750	G	S	1		H	
A001-B91-N10-P0.5-D		2/24/2018	0746	G	S	1		X	
A001-B91-S10-P0.5		2/24/2018	0752	G	S	1		X	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C), Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by: 		Company: Parsons		Date/Time: 2/26/18 12:00		Company: T21		Date/Time: 2-26-18 12:00	
Relinquished by: 		Company: 		Date/Time: 2-26-18 12:00		Company:		Date/Time:	
Relinquished by:		Company:		Date/Time:		Company: T21-12V		Date/Time: 2/26/18 1810	



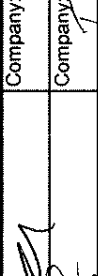

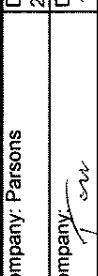

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17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						2 of 12 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson		
(626) 440-6133		TAT if different from Below: <u>Std</u>						For Lab Use Only:		
		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client		
		<input type="checkbox"/> 1 week						Lab Sampling:		
		<input type="checkbox"/> 2 days						Job / SDG No.		
		<input type="checkbox"/> 1 day								
Project Name: Reseda HS PEA										
Site: Reseda HS										
P O #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Asbestos	Lead	Sample Specific Notes:
A001-B91-S10-P05		2/24/2018	0752	G	S	1				
A001-B91-S10-P15		2/24/2018	0754	G	S	1				
A001-B91-S10-P25		2/24/2018	0756	G	S	1				
A001-B58-N15-P05		2/24/2018	0800	G	S	1				
A001-B58-N15-P15		2/24/2018	0802	G	S	1				
A001-B58-N15-P25		2/24/2018	0804	G	S	1				
A001-B58-N10-P05		2/24/2018	0806	G	S	1				
A001-B58-N10-P15		2/24/2018	0808	G	S	1				
A001-B58-N10-P25		2/24/2018	0810	G	S	1				
A001-B58-N10-P05		2/24/2018	0800	G	S	1				
A001-B58-N10-P15		2/24/2018	0812	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Therm ID No.:		
Relinquished by: 		Company: Parsons		Date/Time: 2/26/2018		Received by: 		Company: Parsons		
Relinquished by: 		Company: Parsons		Date/Time: 2/26/2018		Received by: 		Company: Parsons		
Relinquished by: 		Company: Parsons		Date/Time: 2/26/2018		Received by: 		Company: Parsons		

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Irvine, CA 92614-5843
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		Lead	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		Matrix	
Project Name: Reseda HS PEA		Site: Reseda HS		Sample Date		Sample Time		# of Cont.	
P O #				Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
AOC1-B58-ES-00.5		2/24/2018		0812		G		S	
AOC1-B58-ES-01.5		2/24/2018		0814		G		S	
AOC1-B58-ES-02.5		2/24/2018		0816		G		S	
AOC1-B58-SS-00.5		2/24/2018		0818		G		S	
AOC1-B58-SS-01.5		2/24/2018		0820		G		S	
AOC1-B58-SS-02.5		2/24/2018		0822		G		S	
AOC1-B58-SS-00.5		2/24/2018		0824		G		S	
AOC1-B58-SS-01.5		2/24/2018		0826		G		S	
AOC1-B58-SS-02.5		2/24/2018		0828		G		S	
AOC1-B58-SS-00.5		2/24/2018		0830		G		S	
AOC1-B58-SS-01.5		2/24/2018		0832		G		S	
AOC1-B58-SS-02.5		2/24/2018		0834		G		S	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample									
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by: <i>AN</i>		Company: Parsons		Received by: <i>SS</i>		Company: <i>SS</i>		Date/Time: 2-26-18 12:00	
Relinquished by: <i>SS</i>		Company: <i>Par</i>		Received by:		Company:		Date/Time: 2-16-18 12:00	
Relinquished by:		Company:		Received in Laboratory by: <i>SS</i>		Company: <i>TA-12V</i>		Date/Time: 2-16-18 18:00	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						of 12 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson		
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:		
Project Name: Reseda HS PEA								Walk-in Client:		
Site: Reseda HS								Lab Sampling:		
P O #								Job / SDG No :		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead	Sample Specific Notes:
A001-B34-E5-D05		2/24/2018	0732	G	S	1			X	
A001-B34-E5-D15		2/24/2018	0734	G	S	1			H	
A001-B34-E5-D25		2/24/2018	0736	G	S	1			H	
A001-B34-E10-D05		2/24/2018	0738	G	S	1			X	
A001-B34-E16-D15		2/24/2018	0740	G	S	1			H	
A001-B34-E10-D25		2/24/2018	0742	G	S	1			H	
A001-B34-S5-D05		2/24/2018	0744	G	S	1			X	
A001-B34-S5-D15		2/24/2018	0746	G	S	1			H	
A001-B34-S5-D25		2/24/2018	0748	G	S	1			H	
A001-B34-S10-D05		2/24/2018	0750	G	S	1			X	
A001-B34-S10-D15		2/24/2018	0752	G	S	1			H	
A001-B34-S10-D25		2/24/2018	0754	G	S	1			H	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No:	
Relinquished by:	Company: Parsons	Date/Time:	2/26/2018	Received by:	Company: T91	Date/Time:	2-26-18 12:00
Relinquished by:	Company: T91	Date/Time:	2-26-18	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Date/Time:		Received in Laboratory by:	Company: T91-12V	Date/Time:	2-26-18 1810

☐ Return to Client ☐ Disposal by Lab ☐ Archive for: Months

TestAmerica, Irvine
17461 Derian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949 261.1022 fax 949 260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				7 of 10 COCs		
100 West Walnut St		Analysis Turnaround Time						Sampler: Nenette Paulson		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:		
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> Std						Walk-in Client:		
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Lab Sampling:		
Site: Reseda HS		<input type="checkbox"/> 1 week						Job / SDG No.:		
P O #		<input type="checkbox"/> 2 days								
		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Asaric	Lead	Sample Specific Notes:
AOC1-B1-N5-D0.5		2/24/2018	0737	G	S	1		X		
AOC1-B1-N5-D1.5		2/24/2018	0742	G	S	1		H		
AOC1-B1-N5-D2.5		2/24/2018	0745	G	S	1		H		
AOC1-B1-N10-D0.5		2/24/2018	0730	G	S	1		X		
AOC1-B1-N10-D1.5		2/24/2018	0732	G	S	1		H		
AOC1-B1-N10-D2.5		2/24/2018	0735	G	S	1		H		
AOC1-B1-W5-D0.5		2/24/2018	0820	G	S	1		X		
AOC1-B1-W5-D1.5		2/24/2018	0822	G	S	1		H		
AOC1-B1-W5-D2.5		2/24/2018	0825	G	S	1		H		
AOC1-B1-W10-D0.5		2/24/2018	0807	G	S	1		X		
AOC1-B1-W10-D1.5		2/24/2018	0810	G	S	1		H		
AOC1-B1-W10-D2.5		2/24/2018	0812	G	S	1		H		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C): Obs'd		Corr'd		Therm ID No.:		
Relinquished by:		Company: Parsons		Received by:		Company: Parsons		Date/Time: 2-26-18 12:10		
Relinquished by:		Company: Parsons		Received by:		Company: Parsons		Date/Time: 2-26-18 12:10		
Relinquished by:		Company: Parsons		Received in Laboratory by:		Company: Parsons		Date/Time: 2-26-18 12:10		

TestAmerica, Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chapter 1 of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nnette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						8 of 12 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nnette Paulson		
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:		
Project Name: Reseda HS PEA								Walk-in Client:		
Site: Reseda HS								Lab Sampling:		
P O #								Job / SDG No.:		
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Arsenic	Lead	Sample Specific Notes:
A001-B1-N5-D0.5-Dug		2/24/2018	0740	G	S	1	Y	X		
A001-B1-W10-D0.5-Dug		2/24/2018	0808	G	S	1	Y	X		
A001-B1-E5-D0.5-Dug		2/24/2018	0808	G	S	1	X			
A001-B1-E5-D1.5		2/24/2018	0802	G	S	1	H			
A001-B1-E5-D2.5		2/24/2018	0805	G	S	1	H			
A001-B1-E10-D0.5		2/24/2018	0747	G	S	1	X			
A001-B1-E10-D1.5		2/24/2018	0748	G	S	1	H			
A001-B1-E10-D2.5		2/24/2018	0750	G	S	1	H			
A001-B10-N5-D0.5		2/24/2018	0846	G	S	1	X			
A001-B10-N5-D1.5		2/24/2018	0850	G	S	1	H			
A001-B10-N5-D2.5		2/24/2018	0852	G	S	1	H			
A001-B10-N5-D0.5-Dug		2/24/2018	0848	G	S	1	Y	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other: _____

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal Intact.	Yes	No	Custody Seal No.	Company: Parsons	Date/Time: 2/26/2018	Received by: [Signature]	Cooler Temp. (°C): Obs'd: _____	Corr'd: _____	Therm ID No.:
Relinquished by:									
Relinquished by:									
Relinquished by:									

Company: ~~TestAmerica~~ *[Signature]* Date/Time: 2-26-18 17:00
Company: *[Signature]* Date/Time: 2-26-18 18:10
Company: *[Signature]* Date/Time: 2-26-18 18:10

TestAmerica, Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson		
(626) 440-6133		TAT if different from Below: _____						For Lab Use Only:		
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client.		
Site: Reseda HS		<input type="checkbox"/> 1 week						Lab Sampling.		
P O #		<input type="checkbox"/> 2 days						Job / SDG No.:		
		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Arsenic	Lead	Sample Specific Notes:
A001-B10-N10-D0.5		2/24/2018	0830	G	S	1		X		
A001-B10-N10-D1.5		2/24/2018	0840	G	S	1		H		
A001-B10-N10-D2.5		2/24/2018	0844	G	S	1		H		
A001-B10-W5-D0.5		2/24/2018	0922	G	S	1		X		
A001-B10-W3-D1.5		2/24/2018	0924	G	S	1		H		
A001-B10-W3-D2.5		2/24/2018	0925	G	S	1		H		
A001-B10-W10-D0.5		2/24/2018	0910	G	S	1		X		
A001-B10-W10-D1.5		2/24/2018	0912	G	S	1		H		
A001-B10-W10-D2.5		2/24/2018	0914	G	S	1		H		
A001-B10-S3-D0.5		2/24/2018	0858	G	S	1		X		
A001-B10-S5-D1.5		2/24/2018	0900	G	S	1		H		
A001-B10-S5-D2.5		2/24/2018	0902	G	S	1		H		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No	
Relinquished by:		Company: Parsons	Date/Time: 2/24/2018
Relinquished by:		Company:	Date/Time: 2/24/2018
Relinquished by:		Company:	Date/Time: 2/24/2018

Cooler Temp. (°C): Obs'd: _____		Therm ID No.:	
Received by:	Company: Parsons	Date/Time: 2/24/2018	12:00
Received by:	Company:	Date/Time:	
Received in Laboratory by:	Company: TA 100	Date/Time: 2/24/18	1810

Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Friday, March 09, 2018 8:44 AM
To: Kim, Martin C.
Cc: Mata, Patty
Subject: RE: Reseda Soil Sampling

-External Email-

Yes, lets do those samples. Thanks, Justin

From: Kim, Martin C. [mailto:Martin.Kim@testamericainc.com]
Sent: Friday, March 09, 2018 8:42 AM
To: King, Justin <Justin.King@parsons.com>
Cc: Mata, Patty <Patty.Mata@testamericainc.com>
Subject: FW: Reseda Soil Sampling

Hello,

I was looking over the sample and two of the samples on your list do not exist.

- Analyze AOC1-B91-N10-D1.5-D for arsenic
- Analyze AOC1-B91-N10-D2.5-D for arsenic

These samples are not on either one of the jobs. However, I found AOC1-B91-N10-D1.5 and AOC1-B91-N10-D2.5 without the –D on one of the jobs. Was the –D a typo? Please confirm.

Thanks,

Martin Kim
Project Management Assistant

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue Suite #100
Irvine, CA 92614
Tel 949 261 1022 Fax 949 260 3299
Dir 949 260 3280
www.testamericainc.com[\[testamericainc.com\]](mailto:testamericainc.com)

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at : **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>[\[surveymonkey.com\]](https://www.surveymonkey.com/s/TAProjectFeedback)

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From: Mata, Patty
Sent: Thursday, March 08, 2018 7:02 PM
To: Kim, Martin C.
Subject: FW: Reseda Soil Sampling

Martin,

Do you have time to take samples off hold and add tests to a job -2 for the samples listed in the email below please?

Thanks,

PATTY MATA
Project Manager

Test America
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave, Suite #100
Irvine, CA 92614
TEL 949-261-1022 | FAX 949-260-3297
DIRECT 949-260-3213

www.testamericainc.com[\[testamericainc.com\]](mailto:info@testamericainc.com)

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>[\[surveymonkey.com\]](mailto:info@survey.com)

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From: King, Justin [<mailto:Justin.King@parsons.com>]
Sent: Thursday, March 08, 2018 5:30 PM
To: Mata, Patty
Cc: Robinson, Dane
Subject: Reseda Soil Sampling

-External Email-

Hi Patty

I would like to take the below samples off of hold and analyze for the following analysis.

- Analyze AOC1-B8-S10-D1.5 for arsenic
- Analyze AOC1-B8-S10-D2.5 for arsenic
- Analyze AOC1-B10-N5-D1.5 for arsenic
- Analyze AOC1-B10-N5-D2.5 for arsenic
- Analyze AOC1-B10-W5-D1.5 for arsenic
- Analyze AOC1-B10-W5-D2.5 for arsenic
- Analyze AOC1-B22-N5-D1.5 for arsenic
- Analyze AOC1-B22-N5-D2.5 for arsenic
- Analyze AOC1-B22-N10-D1.5 for arsenic
- Analyze AOC1-B22-N10-D2.5 for arsenic

- Analyze AOC1-B22-S5-D1.5 for arsenic
- Analyze AOC1-B22-S5-D2.5 for arsenic
- Analyze AOC1-B22-S10-D1.5 for arsenic
- Analyze AOC1-B22-S10-D2.5 for arsenic
- Analyze AOC1-B34-N5-D1.5 for lead
- Analyze AOC1-B34-N5-D2.5 for lead
- Analyze AOC1-B91-N5-D1.5 for arsenic
- Analyze AOC1-B91-N5-D2.5 for arsenic
- Analyze AOC1-B91-N10-D1.5-D for arsenic
- Analyze AOC1-B91-N10-D2.5-D for arsenic
- Analyze AOC1-B91-S5-D1.5 for arsenic
- Analyze AOC1-B91-S5-D2.5 for arsenic
- Analyze AOC1-B112-N5-D1.5 for arsenic
- Analyze AOC1-B112-N5-D2.5 for arsenic
- Analyze AOC1-B112-N10-D1.5 for arsenic
- Analyze AOC1-B112-N10-D2.5 for arsenic

Thanks,
Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

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Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-204170-2

Login Number: 204170

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-204170-3

Client Project/Site: LAUSD Reseda H.S., CA

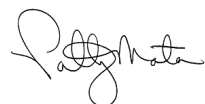
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

3/21/2018 8:42:42 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

Review your project
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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-204170-53	AOC1-B34-N5-D0.5	Solid	02/24/18 09:20	02/26/18 18:10
440-204170-87	AOC1-B1-E5-D1.5	Solid	02/24/18 08:02	02/26/18 18:10
440-204170-88	AOC1-B1-E5-D2.5	Solid	02/24/18 08:05	02/26/18 18:10

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Job ID: 440-204170-3

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-204170-3

Comments

Only the results for additional tests requested on 3/13/18 and 3/15/18 are included in this report.

Receipt

The samples were received on 2/26/2018 6:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.1° C, 0.8° C, 0.8° C and 2.0° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Client Sample ID: AOC1-B34-N5-D0.5

Lab Sample ID: 440-204170-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.5		0.10	0.080	mg/L	20		6010B	STLC Citrate

Client Sample ID: AOC1-B1-E5-D1.5

Lab Sample ID: 440-204170-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-E5-D2.5

Lab Sample ID: 440-204170-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Client Sample ID: AOC1-B34-N5-D0.5

Lab Sample ID: 440-204170-53

Date Collected: 02/24/18 09:20

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.5		0.10	0.080	mg/L			03/17/18 22:14	20

Client Sample ID: AOC1-B1-E5-D1.5

Lab Sample ID: 440-204170-87

Date Collected: 02/24/18 08:02

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		3.0	1.5	mg/Kg		03/16/18 09:20	03/17/18 22:57	5

Client Sample ID: AOC1-B1-E5-D2.5

Lab Sample ID: 440-204170-88

Date Collected: 02/24/18 08:05

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		3.0	1.5	mg/Kg		03/16/18 09:20	03/17/18 23:08	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Client Sample ID: AOC1-B34-N5-D0.5

Date Collected: 02/24/18 09:20

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-53

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.05 g	500 mL	463354	03/13/18 19:54	CDH	TAL IRV
STLC Citrate	Analysis	6010B		20			464358	03/17/18 22:14	VS	TAL IRV

Client Sample ID: AOC1-B1-E5-D1.5

Date Collected: 02/24/18 08:02

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-87

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	463965	03/16/18 09:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			464360	03/17/18 22:57	VS	TAL IRV

Client Sample ID: AOC1-B1-E5-D2.5

Date Collected: 02/24/18 08:05

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-88

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	463965	03/16/18 09:20	DT	TAL IRV
Total/NA	Analysis	6010B		5			464360	03/17/18 23:08	VS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-463965/1-A ^5

Matrix: Solid

Analysis Batch: 464360

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 463965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		03/16/18 09:20	03/17/18 22:52	5

Lab Sample ID: LCS 440-463965/2-A ^5

Matrix: Solid

Analysis Batch: 464360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 463965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.5	42.9		mg/Kg		87	80 - 120

Lab Sample ID: 440-204170-87 MS

Matrix: Solid

Analysis Batch: 464360

Client Sample ID: AOC1-B1-E5-D1.5

Prep Type: Total/NA

Prep Batch: 463965

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.4		49.3	46.6		mg/Kg		84	75 - 125

Lab Sample ID: 440-204170-87 MSD

Matrix: Solid

Analysis Batch: 464360

Client Sample ID: AOC1-B1-E5-D1.5

Prep Type: Total/NA

Prep Batch: 463965

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	5.4		49.3	44.5		mg/Kg		79	75 - 125	5	20

Lab Sample ID: MB 440-463354/1-A

Matrix: Solid

Analysis Batch: 464358

Client Sample ID: Method Blank

Prep Type: STLC Citrate

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10	0.080	mg/L			03/17/18 21:55	20

Lab Sample ID: LCS 440-463354/2-A

Matrix: Solid

Analysis Batch: 464358

Client Sample ID: Lab Control Sample

Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	20.0	19.5		mg/L		97	80 - 120

Lab Sample ID: 240-92285-E-6-A MS

Matrix: Solid

Analysis Batch: 464358

Client Sample ID: Matrix Spike

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.15		20.0	19.7		mg/L		98	75 - 125

Lab Sample ID: 240-92285-E-6-A MSD

Matrix: Solid

Analysis Batch: 464358

Client Sample ID: Matrix Spike Duplicate

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.15		20.0	19.9		mg/L		99	75 - 125	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

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QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Metals

Leach Batch: 463354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-53	AOC1-B34-N5-D0.5	STLC Citrate	Solid	CA WET Citrate	
MB 440-463354/1-A	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 440-463354/2-A	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
240-92285-E-6-A MS	Matrix Spike	STLC Citrate	Solid	CA WET Citrate	
240-92285-E-6-A MSD	Matrix Spike Duplicate	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 463965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-87	AOC1-B1-E5-D1.5	Total/NA	Solid	3050B	
440-204170-88	AOC1-B1-E5-D2.5	Total/NA	Solid	3050B	
MB 440-463965/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-463965/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-204170-87 MS	AOC1-B1-E5-D1.5	Total/NA	Solid	3050B	
440-204170-87 MSD	AOC1-B1-E5-D1.5	Total/NA	Solid	3050B	

Analysis Batch: 464358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-53	AOC1-B34-N5-D0.5	STLC Citrate	Solid	6010B	463354
MB 440-463354/1-A	Method Blank	STLC Citrate	Solid	6010B	463354
LCS 440-463354/2-A	Lab Control Sample	STLC Citrate	Solid	6010B	463354
240-92285-E-6-A MS	Matrix Spike	STLC Citrate	Solid	6010B	463354
240-92285-E-6-A MSD	Matrix Spike Duplicate	STLC Citrate	Solid	6010B	463354

Analysis Batch: 464360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-87	AOC1-B1-E5-D1.5	Total/NA	Solid	6010B	463965
440-204170-88	AOC1-B1-E5-D2.5	Total/NA	Solid	6010B	463965
MB 440-463965/1-A ^5	Method Blank	Total/NA	Solid	6010B	463965
LCS 440-463965/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	463965
440-204170-87 MS	AOC1-B1-E5-D1.5	Total/NA	Solid	6010B	463965
440-204170-87 MSD	AOC1-B1-E5-D1.5	Total/NA	Solid	6010B	463965

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-3

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

Analysis Method	Prep Method	Matrix	Analyte
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TestAmerica, Irvine
17481 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nonette Paulson		Carrier:		COC No:			
Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		COC No:		COCs			
Pasadena, Ca 91124		Analysts Turnaround Time		For Lab Use Only:		Sampler: Nonette Paulson		Walk-in Client:			
(626) 440-6133		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Lab Sampling:		Job / SDG No.:					
Project Name: Reseda HS PEA		TAT if different from Below: _____		Sample Specific Notes:							
Site: Reseda HS		2 weeks									
PO #		1 week									
		2 days									
		1 day									
Sample Identification		Sample Date	Sample Time	Sample Type (e.g., G, S, L)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead	Arsenic	Sample Specific Notes:
5022418		2/24/2018	0730	G	S	2			X	X	
AOC1-1591-N5-005		2/24/2018	0730	G	S	1			X	X	
AOC1-1591-N5-015		2/24/2018	0730	G	S	1			H	H	
AOC1-1591-N5-025		2/24/2018	0730	G	S	1			H	H	
AOC1-1591-N5-035		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-045		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-055		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-065		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-075		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-085		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-095		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-105		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-115		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-125		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-135		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-145		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-155		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-165		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-175		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-185		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-195		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-205		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-215		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-225		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-235		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-245		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-255		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-265		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-275		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-285		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-295		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-305		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-315		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-325		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-335		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-345		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-355		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-365		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-375		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-385		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-395		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-405		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-415		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-425		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-435		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-445		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-455		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-465		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-475		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-485		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-495		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-505		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-515		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-525		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-535		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-545		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-555		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-565		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-575		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-585		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-595		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-605		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-615		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-625		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-635		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-645		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-655		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-665		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-675		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-685		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-695		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-705		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-715		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-725		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-735		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-745		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-755		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-765		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-775		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-785		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-795		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-805		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-815		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-825		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-835		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-845		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-855		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-865		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-875		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-885		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-895		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-905		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-915		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-925		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-935		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-945		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-955		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-965		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-975		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-985		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-995		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1005		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1015		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1025		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1035		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1045		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1055		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1065		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1075		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1085		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1095		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1105		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1115		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1125		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1135		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1145		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1155		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1165		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1175		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1185		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1195		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1205		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1215		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1225		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1235		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1245		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1255		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1265		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1275		2/24/2018	0740	G	S	1			H	H	
AOC1-1591-N5-1285		2/24/2018	0740	G	S	1			X	X	
AOC1-1591-N5-1295		2/24/2018	0740	G	S	1					

TestAmerica, Irvine
17461 Dorian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		Project Manager: Justin King		Site Contact: Nenetta Paulson		Carrier:		COC No:	
Parsons 100 West Walnut St Pasadena, CA 91124 (626) 440-6133		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from below: Std <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		2/24/2018		8 of 12 COCs	
Project Name: Reseda HS PEA Site: Reseda HS PO #		Sample Identification		Sample Date		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
A001-B1-N5-D0.5-Duf		2/24/2018		0740 G		S		1		Y X	
A001-B1-W10-D0.5-Duf		2/24/2018		0808 G		S		1		Y X	
A001-B1-E5-D0.5-Duf		2/24/2018		0808 G		S		1		Y X	
A001-B1-E5-D1.5		2/24/2018		0802 G		S		1		H	
A001-B1-E5-D2.5		2/24/2018		0805 G		S		1		H	
A001-B1-E10-D0.5		2/24/2018		0747 G		S		1		X	
A001-B1-E10-D1.5		2/24/2018		0748 G		S		1		H	
A001-B1-E10-D2.5		2/24/2018		0750 G		S		1		H	
A001-B10-N5-D0.5		2/24/2018		0846 G		S		1		X	
A001-B10-N5-D1.5		2/24/2018		0850 G		S		1		H	
A001-B10-N5-D2.5		2/24/2018		0852 G		S		1		H	
A001-B10-N5-D0.5-Duf		2/24/2018		0849 G		S		1		Y X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample											
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No											
Relinquished by: [Signature]		Custody Seal No.: Company: Parsons		Date/Time: 2/26/2018		Received by: [Signature]		Company: [Signature]		Date/Time: 2-26-18 12:00	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 2-26-18 18:10		Received by: [Signature]		Company: [Signature]		Date/Time: 2-26-18 18:10	
Relinquished by: [Signature]		Company: [Signature]		Date/Time: [Signature]		Received by: [Signature]		Company: [Signature]		Date/Time: [Signature]	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Thursday, March 15, 2018 10:16 AM
To: Mata, Patty
Subject: RE: TestAmerica additional Pb and As report files from 440-204170-2 LAUSD Reseda H.S., CA

-External Email-

Can you also run AOC1-B1-E5-D1.5 and AOC1-B1-E5-D2.5 for arsenic?
Thanks, Justin

From: Mata, Patty [<mailto:patty.mata@testamericainc.com>]
Sent: Thursday, March 15, 2018 9:46 AM
To: King, Justin <Justin.King@parsons.com>
Subject: TestAmerica additional Pb and As report files from 440-204170-2 LAUSD Reseda H.S., CA

Hello,

Attached please find the report files for job 440-204170-2; LAUSD Reseda H.S., CA

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback\[surveymonkey.com\]](https://www.surveymonkey.com/projects/ProjectFeedback)

PATTY MATA
Project Manager

TestAmerica Irvine
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 949.261,1022

Reference: [434147]
Attachments: 1

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Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Tuesday, March 13, 2018 12:19 PM
To: Mata, Patty
Subject: RE: Reseda Soil Sampling

-External Email-

Thanks Patty. Can you also run STLC on AOC1-B34-N5-D0.5 for lead?
Justin

From: Mata, Patty [mailto:Patty.Mata@testamericainc.com]
Sent: Tuesday, March 13, 2018 12:01 PM
To: King, Justin <Justin.King@parsons.com>
Subject: RE: Reseda Soil Sampling

Justin,

I had asked Martin Kim to help me add the new tests into our system and I thought he had emailed you with questions about a few sample IDs, but I guess he didn't say that all tests are in process, and I didn't email you either. Sorry for the lack of communication!

The tests were all added into our system and should be done today or tomorrow.

Thanks,

PATTY MATA
Project Manager

Test America
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17461 Derian Ave, Suite #100
Irvine, CA 92614
TEL 949-261-1022 | FAX 949-260-3297
DIRECT 949-260-3213

www.testamericainc.com[testamericainc.com]

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: **Project Feedback** <https://www.surveymonkey.com/s/TAProjectFeedback>[surveymonkey.com]

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From: King, Justin [mailto:Justin.King@parsons.com]
Sent: Tuesday, March 13, 2018 11:43 AM
To: Mata, Patty
Subject: RE: Reseda Soil Sampling


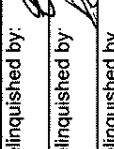
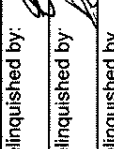
TestAmerica
17461 Derian Avenue
Suite 100
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phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
Project Name: Reseda HS PEA Site: Reseda HS P O #		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: <u>Std</u> <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Sampler: Nenette Paulson For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Lead	Sample Specific Notes:
F022418		2/24/2018	0730	G	SN	2			X	
A001-B91-N5-P0.5		2/24/2018	0730	G	S	1			X	
A001-B91-N5-P1.5		2/24/2018	0730	G	S	1			H	
A001-B91-N5-P2.5		2/24/2018	0730	G	S	1			H	
A001-B91-N10-P0.5		2/24/2018	0740	G	S	1			X	
A001-B91-N10-P1.5		2/24/2018	0740	G	S	1			H	
A001-B91-N10-P2.5		2/24/2018	0744	G	S	1			H	
A001-B91-S5-P0.5		2/24/2018	0746	G	S	1			X	
A001-B91-S5-P1.5		2/24/2018	0748	G	S	1			H	
A001-B91-S5-P2.5		2/24/2018	0750	G	S	1			H	
A001-B91-N10-P0.5-D		2/24/2018	0746	G	S	1			X	
A001-B91-S10-P0.5		2/24/2018	0752	G	S	1			X	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C), Obs'd:		Corr'd:		Therm ID No.:		
Relinquished by: 		Company: Parsons		Date/Time: 2/26/18 12:00		Company: T21		Date/Time: 2-26-18 12:00		
Relinquished by: 		Company: 		Date/Time: 2-26-18 12:00		Company:		Date/Time:		
Relinquished by:		Company:		Date/Time:		Company: T21-12V		Date/Time: 2/26/18 1810		

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						2 of 12 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson		
(626) 440-6133		TAT if different from Below: <u>Std</u>						For Lab Use Only:		
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client		
Site: Reseda HS		<input type="checkbox"/> 1 week						Lab Sampling:		
P O #		<input type="checkbox"/> 2 days						Job / SDG No.		
		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Asbestos	Lead	Sample Specific Notes:
A001-B91-S10-P05		2/24/2018	0752	G	S	1				
A001-B91-S10-P15		2/24/2018	0754	G	S	1				
A001-B91-S10-P25		2/24/2018	0756	G	S	1				
A001-B58-N15-P05		2/24/2018	0800	G	S	1				
A001-B58-N30-P15		2/24/2018	0802	G	S	1				
A001-B58-N5-P25		2/24/2018	0804	G	S	1				
A001-B58-N10-P05		2/24/2018	0806	G	S	1				
A001-B58-N10-P15		2/24/2018	0808	G	S	1				
A001-B58-N10-P25		2/24/2018	0810	G	S	1				
A001-B58-N10-P05		2/24/2018	0800	G	S	1				
A001-B58-N10-P15		2/24/2018	0812	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	0836	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
A001-B58-N10-P05		2/24/2018	0836	G	S	1				
A001-B58-N10-P15		2/24/2018	083							

TestAmerica, Irvine
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		Lead	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		# of Cont.					
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Matrix					
Project Name: Reseda HS PEA		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)			
Site: Reseda HS		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)			
P O #		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)			
AOC1-B58-ES-00.5		2/24/2018	0812	G	S	1			
AOC1-B58-ES-01.5		2/24/2018	0814	G	S	1			
AOC1-B58-ES-02.5		2/24/2018	0816	G	S	1			
AOC1-B58-SS-00.5		2/24/2018	0818	G	S	1			
AOC1-B58-SS-01.5		2/24/2018	0820	G	S	1			
AOC1-B58-SS-02.5		2/24/2018	0822	G	S	1			
AOC1-B58-SS-00.5		2/24/2018	0824	G	S	1			
AOC1-B58-SS-01.5		2/24/2018	0826	G	S	1			
AOC1-B58-SS-02.5		2/24/2018	0828	G	S	1			
AOC1-B58-SS-00.5		2/24/2018	0830	G	S	1			
AOC1-B58-SS-01.5		2/24/2018	0832	G	S	1			
AOC1-B58-SS-02.5		2/24/2018	0834	G	S	1			
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other									
Possible Hazard Identification:									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample									
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by: <i>AN</i>		Company: Parsons		Received by: <i>SS</i>		Company: <i>SS</i>		Date/Time: 2-26-18 12:00	
Relinquished by: <i>SS</i>		Company: <i>Par</i>		Received by:		Company:		Date/Time: 2-16-18 18:00	
Relinquished by:		Company:		Received in Laboratory by: <i>SS</i>		Company: <i>TA-12V</i>		Date/Time: 2-16-18 18:00	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenetta Paulson		Carrier:		COC No:			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018			
100 West Walnut St		Analysis Turnaround Time						Samp: Nenetta Paulson			
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:			
(626) 440-6133		TAT if different from Below Std						Walk-in Client:			
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Lab Sampling:			
Site: Reseda HS		<input type="checkbox"/> 1 week						Job / SDG No.:			
P O #		<input type="checkbox"/> 2 days									
		<input type="checkbox"/> 1 day									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Arsenic	Lead	Sample Specific Notes:
AOC1-B64-N5-D15		2/24/2018	0836	G	S	1					
AOC1-B64-N5-D15		2/24/2018	0838	G	S	1					
AOC1-B64-N5-D25		2/24/2018	0840	G	S	1					
AOC1-B64-N10-D15		2/24/2018	0842	G	S	1					
AOC1-B64-N10-D15		2/24/2018	0844	G	S	1					
AOC1-B64-N10-D25		2/24/2018	0846	G	S	1					
AOC1-B64-W5-D15		2/24/2018	0848	G	S	1					
AOC1-B64-W5-D15		2/24/2018	0850	G	S	1					
AOC1-B64-W5-D25		2/24/2018	0852	G	S	1					
AOC1-B64-S5-D15		2/24/2018	0854	G	S	1					
AOC1-B64-S5-D15		2/24/2018	0856	G	S	1					
AOC1-B64-S5-D25		2/24/2018	0858	G	S	1					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seals Intact	Yes	No	Custody Seal No.	Company: Parsons	Received by:	Date/Time:	Collect Temp (C):	Obs'd:	Corr'd:	Therm ID No.
Relinquished by:					<i>[Signature]</i>	2/24/2018				
Relinquished by:					<i>[Signature]</i>	2/26/18 18:00				
Relinquished by:					<i>[Signature]</i>	2/26/18 18:10				

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018			
100 West Walnut St		Analysis Turnaround Time						5 of 12 COCs			
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson			
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:			
Project Name: Reseda HS PEA								Walk-in Client:			
Site: Reseda HS								Lab Sampling:			
P O #								Job / SDG No.:			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead	Arsenic	Sample Specific Notes:
AOC1-B64-S10-D05		2/24/2018	0900	G	S	1					
AOC1-B64-S10-D15		2/24/2018	0900	G	S	1					
AOC1-B64-S10-D25		2/24/2018	0900	G	S	1					
AOC1-B64-W5-D05-D		2/24/2018	0850	G	S	1					
AOC1-B34-N5-D15		2/24/2018	0920	G	S	1					
AOC1-B34-N5-D15		2/24/2018	0922	G	S	1					
AOC1-B34-N5-D25		2/24/2018	0924	G	S	1					
AOC1-B34-N10-D05		2/24/2018	0926	G	S	1					
AOC1-B34-N10-D15		2/24/2018	0928	G	S	1					
AOC1-B34-N10-D25		2/24/2018	0930	G	S	1					
AOC1-B34-S5-D05-D		2/24/2018	0944	G	S	1					
2/24/2018		2/24/2018		G	S	1					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal No.:		Cooler Temp (°C): Obs'd		Therm ID No.:	
Relinquished by:	Company: Parsons	Received by:	Company: Tm	Date/Time:	2/26/18 12:00
Relinquished by:	Company: Tm	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Received in Laboratory by:	Company: Tm-12V	Date/Time:	2/26/18 1810

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018			
100 West Walnut St		Analysis Turnaround Time						of 12 COCs			
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson			
(626) 440-6133		TAT if different from Below: _____						For Lab Use Only:			
		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client:			
		<input type="checkbox"/> 1 week						Lab Sampling:			
		<input type="checkbox"/> 2 days						Job / SDG No.:			
		<input type="checkbox"/> 1 day									
Project Name: Reseda HS PEA											
Site: Reseda HS											
P O #											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead	Arsonic	Sample Specific Notes:
A001-B34-E5-D05		2/24/2018	0732	G	S	1			X		
A001-B34-E5-D15		2/24/2018	0734	G	S	1			X		
A001-B34-E5-D25		2/24/2018	0736	G	S	1			X		
A001-B34-E10-D05		2/24/2018	0738	G	S	1			X		
A001-B34-E16-D15		2/24/2018	0740	G	S	1			X		
A001-B34-E10-D25		2/24/2018	0742	G	S	1			X		
A001-B34-S5-D05		2/24/2018	0744	G	S	1			X		
A001-B34-S5-D15		2/24/2018	0746	G	S	1			X		
A001-B34-S5-D25		2/24/2018	0748	G	S	1			X		
A001-B34-S10-D05		2/24/2018	0750	G	S	1			X		
A001-B34-S10-D15		2/24/2018	0752	G	S	1			X		
A001-B34-S10-D25		2/24/2018	0754	G	S	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by:	Company: Parsons	Date/Time:	2/26/2018	Received by:	Company: TAV	Date/Time:	2-26-18 12:00
Relinquished by:	Company: TAV	Date/Time:	2-26-18	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Date/Time:		Received in Laboratory by:	Company: TAV-REV	Date/Time:	2-26-18 1810

Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018	
100 West Walnut St		Analysis Turnaround Time						7 of 10 COCs	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson	
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> Std						For Lab Use Only:	
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client:	
Site: Reseda HS		<input type="checkbox"/> 1 week						Lab Sampling:	
P O #		<input type="checkbox"/> 2 days						Job / SDG No.:	
		<input type="checkbox"/> 1 day						Sample Specific Notes:	
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Arsenic	Lead	
AOC1-B1-N5-D0.5	2/24/2018	0737	G	S	1		X		
AOC1-B1-N5-D1.5	2/24/2018	0742	G	S	1		H		
AOC1-B1-N5-D2.5	2/24/2018	0745	G	S	1		H		
AOC1-B1-N10-D0.5	2/24/2018	0730	G	S	1		X		
AOC1-B1-N10-D1.5	2/24/2018	0732	G	S	1		H		
AOC1-B1-N10-D2.5	2/24/2018	0735	G	S	1		H		
AOC1-B1-W5-D0.5	2/24/2018	0820	G	S	1		X		
AOC1-B1-W5-D1.5	2/24/2018	0822	G	S	1		H		
AOC1-B1-W5-D2.5	2/24/2018	0825	G	S	1		H		
AOC1-B1-W10-D0.5	2/24/2018	0807	G	S	1		X		
AOC1-B1-W10-D1.5	2/24/2018	0810	G	S	1		H		
AOC1-B1-W10-D2.5	2/24/2018	0812	G	S	1		H		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C): Obs'd		Corr'd		Therm ID No.:	
Relinquished by:		Company: Parsons		Received by:		Company: Parsons		Date/Time: 2-26-18 12:00	
Relinquished by:		Company: JN		Received by:		Company: Parsons		Date/Time: 2-26-18 12:00	
Relinquished by:		Company: JN		Received in Laboratory by:		Company: Parsons		Date/Time: 2-26-18 12:00	

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Chapter 1 of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nette Paulson		Carrier:		COC No:			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018			
100 West Walnut St		Analysis Turnaround Time						8 of 12 COCs			
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nette Paulson			
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:			
Project Name: Reseda HS PEA								Walk-in Client:			
Site: Reseda HS								Lab Sampling:			
P O #								Job / SDG No.:			
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Arsenic	Lead	Sample Specific Notes:
A001-B1-N5-D0.5-Dug		2/24/2018	0740	G	S	1					
A001-B1-W10-D0.5-Dug		2/24/2018	0808	G	S	1					
A001-B1-E5-D0.5-Dug		2/24/2018	0808	G	S	1					
A001-B1-E5-D1.5		2/24/2018	0802	G	S	1					
A001-B1-E5-D2.5		2/24/2018	0805	G	S	1					
A001-B1-E10-D0.5		2/24/2018	0747	G	S	1					
A001-B1-E10-D1.5		2/24/2018	0748	G	S	1					
A001-B1-E10-D2.5		2/24/2018	0750	G	S	1					
A001-B10-N5-D0.5		2/24/2018	0846	G	S	1					
A001-B10-N5-D1.5		2/24/2018	0850	G	S	1					
A001-B10-N5-D2.5		2/24/2018	0852	G	S	1					
A001-B10-N5-D0.5-Dug		2/24/2018	0848	G	S	1					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other:

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal Intact.	Yes	No	Custody Seal No.	Company: Parsons	Date/Time: 2/26/2018	Received by: [Signature]	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:									
Relinquished by:									
Relinquished by:									

Company: [Signature] Date/Time: 2/26/18 17:00
Company: [Signature] Date/Time: 2/26/18 18:10
Company: [Signature] Date/Time: 2/26/18 18:10

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ BW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018	
100 West Walnut St		Analysis Turnaround Time						COCs	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson	
(626) 440-6133		TAT if different from Below: _____						For Lab Use Only:	
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client.	
Site: Reseda HS		<input type="checkbox"/> 1 week						Lab Sampling.	
P O #		<input type="checkbox"/> 2 days						Job / SDG No.:	
		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Lead	Sample Specific Notes
A001-B10-N10-D0.5		2/24/2018	0830	G	S	1		X	
A001-B10-N10-D1.5		2/24/2018	0840	G	S	1		H	
A001-B10-N10-D2.5		2/24/2018	0844	G	S	1		H	
A001-B10-W5-D0.5		2/24/2018	0922	G	S	1		X	
A001-B10-W3-D1.5		2/24/2018	0924	G	S	1		H	
A001-B10-W3-D2.5		2/24/2018	0925	G	S	1		H	
A001-B10-W10-D0.5		2/24/2018	0910	G	S	1		X	
A001-B10-W10-D1.5		2/24/2018	0912	G	S	1		H	
A001-B10-W10-D2.5		2/24/2018	0914	G	S	1		H	
A001-B10-S3-D0.5		2/24/2018	0858	G	S	1		X	
A001-B10-S5-D1.5		2/24/2018	0900	G	S	1		H	
A001-B10-S5-D2.5		2/24/2018	0902	G	S	1		H	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No	
Relinquished by:		Company: Parsons	Date/Time: 2/24/2018
Relinquished by:		Company:	Date/Time: 2/24/2018
Relinquished by:		Company:	Date/Time: 2/24/2018

Cooler Temp. (°C): Obs'd: _____		Therm ID No.:	
Received by:		Company: Parsons	Date/Time: 2/24/2018 12:00
Received by:		Company:	Date/Time:
Received in Laboratory by:		Company: TA 100	Date/Time: 2/24/18 1810

Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-204170-3

Login Number: 204170

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-207080-3

Client Project/Site: LAUSD Reseda H.S., CA

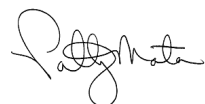
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

4/19/2018 10:31:32 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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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.



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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-207080-2	AOC1-B91-N15-D1.5	Solid	03/26/18 09:02	03/26/18 18:40
440-207080-3	AOC1-B91-N15-D2.5	Solid	03/26/18 09:04	03/26/18 18:40
440-207080-5	AOC1-B91-N20-D1.5	Solid	03/26/18 09:08	03/26/18 18:40
440-207080-6	AOC1-B91-N20-D2.5	Solid	03/26/18 09:10	03/26/18 18:40
440-207080-14	AOC1-B22-N15-D1.5	Solid	03/26/18 09:58	03/26/18 18:40
440-207080-15	AOC1-B22-N15-D2.5	Solid	03/26/18 10:00	03/26/18 18:40
440-207080-17	AOC1-B22-S15-D1.5	Solid	03/26/18 10:04	03/26/18 18:40
440-207080-18	AOC1-B22-S15-D2.5	Solid	03/26/18 10:06	03/26/18 18:40
440-207080-20	AOC1-B22-S20-D1.5	Solid	03/26/18 10:10	03/26/18 18:40
440-207080-21	AOC1-B22-S20-D2.5	Solid	03/26/18 10:12	03/26/18 18:40
440-207080-23	AOC1-B8-S15-D1.5	Solid	03/26/18 11:32	03/26/18 18:40
440-207080-24	AOC1-B8-S15-D2.5	Solid	03/26/18 11:34	03/26/18 18:40
440-207080-29	AOC1-B81-NE15-D1.5	Solid	03/26/18 12:32	03/26/18 18:40
440-207080-30	AOC1-B81-NE15-D2.5	Solid	03/26/18 12:34	03/26/18 18:40
440-207080-32	AOC1-B81-NE20-D1.5	Solid	03/26/18 12:38	03/26/18 18:40
440-207080-33	AOC1-B81-NE20-D2.5	Solid	03/26/18 12:40	03/26/18 18:40
440-207080-35	AOC1-B81-SW15-D1.5	Solid	03/26/18 12:44	03/26/18 18:40
440-207080-36	AOC1-B81-SW15-D2.5	Solid	03/26/18 12:46	03/26/18 18:40
440-207080-38	AOC1-B81-SW20-D1.5	Solid	03/26/18 12:50	03/26/18 18:40
440-207080-39	AOC1-B81-SW20-D2.5	Solid	03/26/18 12:52	03/26/18 18:40
440-207080-54	AOC1-B77-SE22-D2.5	Solid	03/26/18 13:28	03/26/18 18:40
440-207080-59	AOC1-B112-N15-D1.5	Solid	03/26/18 14:32	03/26/18 18:40
440-207080-60	AOC1-B112-N15-D2.5	Solid	03/26/18 14:34	03/26/18 18:40

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Job ID: 440-207080-3

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-207080-3

Comments

Only the results for additional sample tests requested by client on 4/12/18 are included in this report. Tests were cancelled by client for samples AOC1-B91-E10-D1.5 and AOC1-B91-E10-D2.5 prior to analysis.

Receipt

The samples were received on 3/26/2018 6:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.1° C and 0.4° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B91-N15-D1.5

Lab Sample ID: 440-207080-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N15-D2.5

Lab Sample ID: 440-207080-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N20-D1.5

Lab Sample ID: 440-207080-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N20-D2.5

Lab Sample ID: 440-207080-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N15-D1.5

Lab Sample ID: 440-207080-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N15-D2.5

Lab Sample ID: 440-207080-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S15-D1.5

Lab Sample ID: 440-207080-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S15-D2.5

Lab Sample ID: 440-207080-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S20-D1.5

Lab Sample ID: 440-207080-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S20-D2.5

Lab Sample ID: 440-207080-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S15-D1.5

Lab Sample ID: 440-207080-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B8-S15-D1.5 (Continued)

Lab Sample ID: 440-207080-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S15-D2.5

Lab Sample ID: 440-207080-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE15-D1.5

Lab Sample ID: 440-207080-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE15-D2.5

Lab Sample ID: 440-207080-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE20-D1.5

Lab Sample ID: 440-207080-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE20-D2.5

Lab Sample ID: 440-207080-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW15-D1.5

Lab Sample ID: 440-207080-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW15-D2.5

Lab Sample ID: 440-207080-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW20-D1.5

Lab Sample ID: 440-207080-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW20-D2.5

Lab Sample ID: 440-207080-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE22-D2.5

Lab Sample ID: 440-207080-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B77-SE22-D2.5 (Continued)

Lab Sample ID: 440-207080-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N15-D1.5

Lab Sample ID: 440-207080-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N15-D2.5

Lab Sample ID: 440-207080-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B91-N15-D1.5

Lab Sample ID: 440-207080-2

Date Collected: 03/26/18 09:02

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		3.0	1.5	mg/Kg		04/16/18 08:56	04/17/18 02:04	5

Client Sample ID: AOC1-B91-N15-D2.5

Lab Sample ID: 440-207080-3

Date Collected: 03/26/18 09:04

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		3.0	1.5	mg/Kg		04/16/18 08:56	04/17/18 02:06	5

Client Sample ID: AOC1-B91-N20-D1.5

Lab Sample ID: 440-207080-5

Date Collected: 03/26/18 09:08

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg		04/16/18 08:56	04/17/18 02:09	5

Client Sample ID: AOC1-B91-N20-D2.5

Lab Sample ID: 440-207080-6

Date Collected: 03/26/18 09:10

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		3.0	1.5	mg/Kg		04/16/18 08:56	04/17/18 02:11	5

Client Sample ID: AOC1-B22-N15-D1.5

Lab Sample ID: 440-207080-14

Date Collected: 03/26/18 09:58

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 22:29	5

Client Sample ID: AOC1-B22-N15-D2.5

Lab Sample ID: 440-207080-15

Date Collected: 03/26/18 10:00

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 22:31	5

Client Sample ID: AOC1-B22-S15-D1.5

Lab Sample ID: 440-207080-17

Date Collected: 03/26/18 10:04

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 22:33	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B22-S15-D2.5

Lab Sample ID: 440-207080-18

Date Collected: 03/26/18 10:06

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg	—	04/16/18 08:57	04/18/18 22:40	5

Client Sample ID: AOC1-B22-S20-D1.5

Lab Sample ID: 440-207080-20

Date Collected: 03/26/18 10:10

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2		3.0	1.5	mg/Kg	—	04/16/18 08:57	04/18/18 22:43	5

Client Sample ID: AOC1-B22-S20-D2.5

Lab Sample ID: 440-207080-21

Date Collected: 03/26/18 10:12

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		3.0	1.5	mg/Kg	—	04/16/18 08:57	04/18/18 22:45	5

Client Sample ID: AOC1-B8-S15-D1.5

Lab Sample ID: 440-207080-23

Date Collected: 03/26/18 11:32

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg	—	04/16/18 08:57	04/18/18 22:47	5

Client Sample ID: AOC1-B8-S15-D2.5

Lab Sample ID: 440-207080-24

Date Collected: 03/26/18 11:34

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg	—	04/16/18 08:57	04/18/18 22:49	5

Client Sample ID: AOC1-B81-NE15-D1.5

Lab Sample ID: 440-207080-29

Date Collected: 03/26/18 12:32

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		3.0	1.5	mg/Kg	—	04/16/18 08:57	04/18/18 22:52	5

Client Sample ID: AOC1-B81-NE15-D2.5

Lab Sample ID: 440-207080-30

Date Collected: 03/26/18 12:34

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		3.0	1.5	mg/Kg	—	04/16/18 08:57	04/18/18 22:54	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B81-NE20-D1.5

Lab Sample ID: 440-207080-32

Date Collected: 03/26/18 12:38

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 22:56	5

Client Sample ID: AOC1-B81-NE20-D2.5

Lab Sample ID: 440-207080-33

Date Collected: 03/26/18 12:40

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 22:58	5

Client Sample ID: AOC1-B81-SW15-D1.5

Lab Sample ID: 440-207080-35

Date Collected: 03/26/18 12:44

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 23:01	5

Client Sample ID: AOC1-B81-SW15-D2.5

Lab Sample ID: 440-207080-36

Date Collected: 03/26/18 12:46

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 23:12	5

Client Sample ID: AOC1-B81-SW20-D1.5

Lab Sample ID: 440-207080-38

Date Collected: 03/26/18 12:50

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 23:14	5

Client Sample ID: AOC1-B81-SW20-D2.5

Lab Sample ID: 440-207080-39

Date Collected: 03/26/18 12:52

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5		3.0	1.5	mg/Kg		04/16/18 09:00	04/18/18 23:17	5

Client Sample ID: AOC1-B77-SE22-D2.5

Lab Sample ID: 440-207080-54

Date Collected: 03/26/18 13:28

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		3.0	1.5	mg/Kg		04/16/18 09:00	04/18/18 23:19	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B112-N15-D1.5

Lab Sample ID: 440-207080-59

Date Collected: 03/26/18 14:32

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		3.0	1.5	mg/Kg		04/16/18 09:00	04/18/18 23:21	5

Client Sample ID: AOC1-B112-N15-D2.5

Lab Sample ID: 440-207080-60

Date Collected: 03/26/18 14:34

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.2		3.0	1.5	mg/Kg		04/16/18 09:00	04/18/18 23:23	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B91-N15-D1.5

Date Collected: 03/26/18 09:02

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	470358	04/16/18 08:56	DT	TAL IRV
Total/NA	Analysis	6010B		5			471045	04/17/18 02:04	K1E	TAL IRV

Client Sample ID: AOC1-B91-N15-D2.5

Date Collected: 03/26/18 09:04

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	470358	04/16/18 08:56	DT	TAL IRV
Total/NA	Analysis	6010B		5			471045	04/17/18 02:06	K1E	TAL IRV

Client Sample ID: AOC1-B91-N20-D1.5

Date Collected: 03/26/18 09:08

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	470358	04/16/18 08:56	DT	TAL IRV
Total/NA	Analysis	6010B		5			471045	04/17/18 02:09	K1E	TAL IRV

Client Sample ID: AOC1-B91-N20-D2.5

Date Collected: 03/26/18 09:10

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	470358	04/16/18 08:56	DT	TAL IRV
Total/NA	Analysis	6010B		5			471045	04/17/18 02:11	K1E	TAL IRV

Client Sample ID: AOC1-B22-N15-D1.5

Date Collected: 03/26/18 09:58

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:29	VS	TAL IRV

Client Sample ID: AOC1-B22-N15-D2.5

Date Collected: 03/26/18 10:00

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:31	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B22-S15-D1.5

Lab Sample ID: 440-207080-17

Date Collected: 03/26/18 10:04

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:33	VS	TAL IRV

Client Sample ID: AOC1-B22-S15-D2.5

Lab Sample ID: 440-207080-18

Date Collected: 03/26/18 10:06

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:40	VS	TAL IRV

Client Sample ID: AOC1-B22-S20-D1.5

Lab Sample ID: 440-207080-20

Date Collected: 03/26/18 10:10

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:43	VS	TAL IRV

Client Sample ID: AOC1-B22-S20-D2.5

Lab Sample ID: 440-207080-21

Date Collected: 03/26/18 10:12

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:45	VS	TAL IRV

Client Sample ID: AOC1-B8-S15-D1.5

Lab Sample ID: 440-207080-23

Date Collected: 03/26/18 11:32

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:47	VS	TAL IRV

Client Sample ID: AOC1-B8-S15-D2.5

Lab Sample ID: 440-207080-24

Date Collected: 03/26/18 11:34

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:49	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B81-NE15-D1.5

Lab Sample ID: 440-207080-29

Date Collected: 03/26/18 12:32

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:52	VS	TAL IRV

Client Sample ID: AOC1-B81-NE15-D2.5

Lab Sample ID: 440-207080-30

Date Collected: 03/26/18 12:34

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:54	VS	TAL IRV

Client Sample ID: AOC1-B81-NE20-D1.5

Lab Sample ID: 440-207080-32

Date Collected: 03/26/18 12:38

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:56	VS	TAL IRV

Client Sample ID: AOC1-B81-NE20-D2.5

Lab Sample ID: 440-207080-33

Date Collected: 03/26/18 12:40

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 22:58	VS	TAL IRV

Client Sample ID: AOC1-B81-SW15-D1.5

Lab Sample ID: 440-207080-35

Date Collected: 03/26/18 12:44

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 23:01	VS	TAL IRV

Client Sample ID: AOC1-B81-SW15-D2.5

Lab Sample ID: 440-207080-36

Date Collected: 03/26/18 12:46

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 23:12	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Client Sample ID: AOC1-B81-SW20-D1.5

Lab Sample ID: 440-207080-38

Date Collected: 03/26/18 12:50

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	470363	04/16/18 08:57	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 23:14	VS	TAL IRV

Client Sample ID: AOC1-B81-SW20-D2.5

Lab Sample ID: 440-207080-39

Date Collected: 03/26/18 12:52

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	470363	04/16/18 09:00	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 23:17	VS	TAL IRV

Client Sample ID: AOC1-B77-SE22-D2.5

Lab Sample ID: 440-207080-54

Date Collected: 03/26/18 13:28

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	470363	04/16/18 09:00	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 23:19	VS	TAL IRV

Client Sample ID: AOC1-B112-N15-D1.5

Lab Sample ID: 440-207080-59

Date Collected: 03/26/18 14:32

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	470363	04/16/18 09:00	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 23:21	VS	TAL IRV

Client Sample ID: AOC1-B112-N15-D2.5

Lab Sample ID: 440-207080-60

Date Collected: 03/26/18 14:34

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	470363	04/16/18 09:00	DT	TAL IRV
Total/NA	Analysis	6010B		5			471153	04/18/18 23:23	VS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-470358/1-A ^5

Matrix: Solid

Analysis Batch: 471045

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 470358

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		04/16/18 08:52	04/17/18 01:30	5

Lab Sample ID: LCS 440-470358/2-A ^5

Matrix: Solid

Analysis Batch: 471045

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 470358

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	49.2		mg/Kg		99	80 - 120

Lab Sample ID: 440-208705-B-18-D MS ^5

Matrix: Solid

Analysis Batch: 471045

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 470358

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.3	J	50.0	48.3		mg/Kg		92	75 - 125

Lab Sample ID: 440-208705-B-18-E MSD ^5

Matrix: Solid

Analysis Batch: 471045

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 470358

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	2.3	J	49.3	47.3		mg/Kg		91	75 - 125	2	20

Lab Sample ID: MB 440-470363/1-A ^5

Matrix: Solid

Analysis Batch: 471153

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 470363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		04/16/18 08:57	04/18/18 22:13	5

Lab Sample ID: LCS 440-470363/2-A ^5

Matrix: Solid

Analysis Batch: 471153

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 470363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.5	47.7		mg/Kg		96	80 - 120

Lab Sample ID: 440-207080-A-12-B MS ^5

Matrix: Solid

Analysis Batch: 471153

Client Sample ID: 440-207080-A-12-B MS ^5

Prep Type: Total/NA

Prep Batch: 470363

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.6		50.0	52.6		mg/Kg		94	75 - 125

Lab Sample ID: 440-207080-A-12-C MSD ^5

Matrix: Solid

Analysis Batch: 471153

Client Sample ID: 440-207080-A-12-C MSD ^5

Prep Type: Total/NA

Prep Batch: 470363

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	5.6		49.8	55.1		mg/Kg		100	75 - 125	5	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

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QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Metals

Prep Batch: 470358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-2	AOC1-B91-N15-D1.5	Total/NA	Solid	3050B	
440-207080-3	AOC1-B91-N15-D2.5	Total/NA	Solid	3050B	
440-207080-5	AOC1-B91-N20-D1.5	Total/NA	Solid	3050B	
440-207080-6	AOC1-B91-N20-D2.5	Total/NA	Solid	3050B	
MB 440-470358/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-470358/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-208705-B-18-D MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-208705-B-18-E MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 470363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-14	AOC1-B22-N15-D1.5	Total/NA	Solid	3050B	
440-207080-15	AOC1-B22-N15-D2.5	Total/NA	Solid	3050B	
440-207080-17	AOC1-B22-S15-D1.5	Total/NA	Solid	3050B	
440-207080-18	AOC1-B22-S15-D2.5	Total/NA	Solid	3050B	
440-207080-20	AOC1-B22-S20-D1.5	Total/NA	Solid	3050B	
440-207080-21	AOC1-B22-S20-D2.5	Total/NA	Solid	3050B	
440-207080-23	AOC1-B8-S15-D1.5	Total/NA	Solid	3050B	
440-207080-24	AOC1-B8-S15-D2.5	Total/NA	Solid	3050B	
440-207080-29	AOC1-B81-NE15-D1.5	Total/NA	Solid	3050B	
440-207080-30	AOC1-B81-NE15-D2.5	Total/NA	Solid	3050B	
440-207080-32	AOC1-B81-NE20-D1.5	Total/NA	Solid	3050B	
440-207080-33	AOC1-B81-NE20-D2.5	Total/NA	Solid	3050B	
440-207080-35	AOC1-B81-SW15-D1.5	Total/NA	Solid	3050B	
440-207080-36	AOC1-B81-SW15-D2.5	Total/NA	Solid	3050B	
440-207080-38	AOC1-B81-SW20-D1.5	Total/NA	Solid	3050B	
440-207080-39	AOC1-B81-SW20-D2.5	Total/NA	Solid	3050B	
440-207080-54	AOC1-B77-SE22-D2.5	Total/NA	Solid	3050B	
440-207080-59	AOC1-B112-N15-D1.5	Total/NA	Solid	3050B	
440-207080-60	AOC1-B112-N15-D2.5	Total/NA	Solid	3050B	
MB 440-470363/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-470363/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-207080-A-12-B MS ^5	440-207080-A-12-B MS ^5	Total/NA	Solid	3050B	
440-207080-A-12-C MSD ^5	440-207080-A-12-C MSD ^5	Total/NA	Solid	3050B	

Analysis Batch: 471045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-2	AOC1-B91-N15-D1.5	Total/NA	Solid	6010B	470358
440-207080-3	AOC1-B91-N15-D2.5	Total/NA	Solid	6010B	470358
440-207080-5	AOC1-B91-N20-D1.5	Total/NA	Solid	6010B	470358
440-207080-6	AOC1-B91-N20-D2.5	Total/NA	Solid	6010B	470358
MB 440-470358/1-A ^5	Method Blank	Total/NA	Solid	6010B	470358
LCS 440-470358/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	470358
440-208705-B-18-D MS ^5	Matrix Spike	Total/NA	Solid	6010B	470358
440-208705-B-18-E MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	470358

Analysis Batch: 471153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-14	AOC1-B22-N15-D1.5	Total/NA	Solid	6010B	470363
440-207080-15	AOC1-B22-N15-D2.5	Total/NA	Solid	6010B	470363
440-207080-17	AOC1-B22-S15-D1.5	Total/NA	Solid	6010B	470363

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Metals (Continued)

Analysis Batch: 471153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-18	AOC1-B22-S15-D2.5	Total/NA	Solid	6010B	470363
440-207080-20	AOC1-B22-S20-D1.5	Total/NA	Solid	6010B	470363
440-207080-21	AOC1-B22-S20-D2.5	Total/NA	Solid	6010B	470363
440-207080-23	AOC1-B8-S15-D1.5	Total/NA	Solid	6010B	470363
440-207080-24	AOC1-B8-S15-D2.5	Total/NA	Solid	6010B	470363
440-207080-29	AOC1-B81-NE15-D1.5	Total/NA	Solid	6010B	470363
440-207080-30	AOC1-B81-NE15-D2.5	Total/NA	Solid	6010B	470363
440-207080-32	AOC1-B81-NE20-D1.5	Total/NA	Solid	6010B	470363
440-207080-33	AOC1-B81-NE20-D2.5	Total/NA	Solid	6010B	470363
440-207080-35	AOC1-B81-SW15-D1.5	Total/NA	Solid	6010B	470363
440-207080-36	AOC1-B81-SW15-D2.5	Total/NA	Solid	6010B	470363
440-207080-38	AOC1-B81-SW20-D1.5	Total/NA	Solid	6010B	470363
440-207080-39	AOC1-B81-SW20-D2.5	Total/NA	Solid	6010B	470363
440-207080-54	AOC1-B77-SE22-D2.5	Total/NA	Solid	6010B	470363
440-207080-59	AOC1-B112-N15-D1.5	Total/NA	Solid	6010B	470363
440-207080-60	AOC1-B112-N15-D2.5	Total/NA	Solid	6010B	470363
MB 440-470363/1-A ^5	Method Blank	Total/NA	Solid	6010B	470363
LCS 440-470363/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	470363
440-207080-A-12-B MS ^5	440-207080-A-12-B MS ^5	Total/NA	Solid	6010B	470363
440-207080-A-12-C MSD ^5	440-207080-A-12-C MSD ^5	Total/NA	Solid	6010B	470363

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-3

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18
Analysis Method	Prep Method	Matrix	Analyte	

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Thursday, April 12, 2018 1:40 PM
To: Kim, Martin C.
Cc: Mata, Patty
Subject: RE: Step-down sampling

-External Email-

Martin

Thanks for catching I never collect an AOC1-B22-N20 sample. I want to have the following logged in and analyzed.

- AOC1-B22-S15-D1.5 and AOC1-B22-S15-D2.5
- AOC1-B22-S20-D1.5 and AOC1-B22-S20-D2.5

From: Kim, Martin C. <Martin.Kim@testamericainc.com>
Sent: Thursday, April 12, 2018 12:55 PM
To: King, Justin <Justin.King@parsons.com>
Cc: Mata, Patty <Patty.Mata@testamericainc.com>
Subject: FW: Step-down sampling

Hello,

I was going through the list and I noticed that two of the samples from the list weren't on that particular job.

- AOC1-B22-N20-D1.5 and AOC1-B22-N20-D2.5

The rest of the samples from the list have been logged in for total As tests. Please verify the sample ID's of these two samples. The only two samples left with AOC1-B22 are AOC1-B22-S20-D1.5/2.5 and AOC1-B22-S15-D1.5/2.5.

Martin Kim
Project Management Assistant

TestAmerica

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Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at : **Project Feedback** [https://www.surveymonkey.com/s/TAProjectFeedback\[surveymonkey.com\]](https://www.surveymonkey.com/s/TAProjectFeedback[surveymonkey.com])

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From: Mata, Patty
Sent: Thursday, April 12, 2018 11:59 AM
To: Kim, Martin C.
Subject: FW: Step-down sampling

Martin,

Do you have time to add total As tests to the samples for Parsons' Reseda High School project for me?
Client sent a list below but didn't note job numbers, he just noted IDs and 3/26/18 sampling date.
Can you add tests on std TAT to job 2 (or 3 or whatever is the next number) with today as start date?

Thank you!

PATTY MATA

From: King, Justin [<mailto:Justin.King@parsons.com>]
Sent: Thursday, April 12, 2018 10:11 AM
To: Mata, Patty
Subject: FW: Step-down sampling

-External Email-

Patty

I would like to run some of the held samples from the March 26th sampling event for Reseda High School.

Can you please run the following samples for Arsenic:

- AOC1-B8-S15-D1.5 and AOC1-B8-S15-D2.5
- AOC1-B22-N15-D1.5 and AOC1-B22-N15-D2.5
- AOC1-B22-N20-D1.5 and AOC1-B22-N20-D2.5
- AOC1-B77-SE22-D2.5
- AOC1-B81-NE15-D1.5 and AOC1-B81-NE15-D2.5
- AOC1-B81-NE20-D1.5 and AOC1-B81-NE20-D2.5
- AOC1-B81-SW15-D1.5 and AOC1-B81-SW15-D2.5
- AOC1-B81-SW20-D1.5 and AOC1-B81-SW20-D2.5
- AOC1-B91-N15-D1.5 and AOC1-B91-N15-D2.5
- AOC1-B91-N20-D1.5 and AOC1-B91-N20-D2.5
- AOC1-B91-E10-D1.5 and AOC1-B91-E10-D2.5
- AOC1-B112-N15-D1.5 and AOC1-B112-N15-D2.5

Thanks,
Justin

Justin King

Parsons

Field Project Manager

PH- 626-440-6133 CELL – 310-809-5793 FAX- 626-440-2993

100 West Walnut Street, Pasadena, CA 91124

justin.king@parsons.com

NOTICE: This email message and all attachments transmitted with it may contain privileged and confidential information, and information that is protected by, and proprietary to, Parsons Corporation, and is intended solely for the use of the addressee for the specific purpose set forth in this communication. If the reader of this message is not the intended recipient, you are hereby

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phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018		COC No: 1 of 3 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Perform MS/MSD (Y/N)		Filtered Sample (Y/N)		Arsenic	
Pasadena, CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
(626) 440-6133		TAT if different from Below _____ Std		Sample Date		Sample Time		Matrix	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		# of Cont.	
Site: Reseda HS				Sample Date		Sample Time		Matrix	
P O #				Sample Date		Sample Time		Matrix	
AOC1-B91-N15-V0.5		3/26/18	0900	G	S	1			
AOC1-B91-N15-V0.5		3/26/18	0902	G	S	1			
AOC1-B91-N15-V0.5		3/26/18	0904	G	S	1			
AOC1-B91-N20-V0.5		3/26/18	0906	G	S	1			
AOC1-B91-N20-V0.5		3/26/18	0908	G	S	1			
AOC1-B91-N20-V0.5		3/26/18	0910	G	S	1			
AOC1-B91-N20-V0.5		3/26/18	0912	G	S	1			
AOC1-B91-E0.5-V0.5		3/26/18	0914	G	S	1			
AOC1-B91-E0.5-V0.5		3/26/18	0916	G	S	1			
AOC1-B91-E10-V0.5		3/26/18	0918	G	S	1			
AOC1-B91-E10-V0.5		3/26/18	0920	G	S	1			
AOC1-B91-E10-V0.5		3/26/18	0922	G	S	1			

Barcode: 440-207080 Chain of Custody

Sample Specific Notes:

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

89.7/1.1 89.7/1.1

Custody Seal No.: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Therm ID No.: _____

Date/Time: 3-26-18 1500

Date/Time: _____

Date/Time: 3/26/18 1840

TestAmerica
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Irvine, CA 92614-5843
phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018		COC No: 2 of 7 COCs			
Parsons		Tell/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson			
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Arsenic			
Pasadena, CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Type (C=Comp, G=Grab)		# of Matrix Cont.					
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time					
Project Name: Reseda HS PEA		P.O.#		Sample Identification				Sample Specific Notes			
Site: Reseda HS											
P.O.#											
AOC1-B22-N15-P15		3/26/2018		0956		G		S		1	
AOC1-B22-N15-P15		3/26/2018		0958		G		S		1	
AOC1-B22-N15-P2.5		3/26/2018		1000		G		S		1	
AOC1-B22-N15-P15		3/26/2018		1002		G		S		1	
AOC1-B22-N15-P15		3/26/2018		1004		G		S		1	
AOC1-B22-N15-P2.5		3/26/2018		1006		G		S		1	
AOC1-B22-N15-P15		3/26/2018		1008		G		S		1	
AOC1-B22-N15-P15		3/26/2018		1010		G		S		1	
AOC1-B22-N15-P2.5		3/26/2018		1012		G		S		1	
AOC1-B22-N15-P15		3/26/2018		1130		G		S		1	
AOC1-B22-N15-P2.5		3/26/2018		1132		G		S		1	
AOC1-B22-N15-P2.5		3/26/2018		1134		G		S		1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

Relinquished by: [Signature] Date/Time: 3/26/2018 1500

Relinquished by: [Signature] Date/Time: 3/26/2018 1840

Relinquished by: [Signature] Date/Time: 3/26/2018 1840

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phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Justin King Tel/Fax: 626-440-6133	Site Contact: Nenette Paulson Lab Contact: Patty Mata	Date: 3/26/2018 Carrier:
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133	Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below Std <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	COC No. 3 of 3 COCs Sampler: Nenette Paulson For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:	
Project Name: Reseda HS PEA Site: Reseda HS P.O.#			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	# of Matrix Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Arsenic	Sample Specific Notes:
A001-B8-SID-D1.5	3/26/2018	11:36	G	S	1		X	
A001-B8-S20-D1.5	3/26/18	11:39	G	S	1		H	
A001-B8-S20-D2.5	3/26/18	11:40	G	S	1		H	
A001-B8-AE15-D0.5	3/26/18	12:30	G	S	1		X	
A001-B81-NE15-D1.5	3/26/18	12:32	G	S	1		H	
A001-B81-NE15-D2.5	3/26/18	12:34	G	S	1		H	
A001-B81-NE20-D0.5	3/26/18	12:36	G	S	1		X	
A001-B81-NE20-D1.5	3/26/18	12:38	G	S	1		H	
A001-B81-NE20-D2.5	3/26/18	12:40	G	S	1		H	
A001-B81-SW15-D0.5	3/26/18	12:42	G	S	1		X	
A001-B81-SW15-D1.5	3/26/18	12:44	G	S	1		H	
A001-B81-SW15-D2.5	3/26/18	12:46	G	S	1		H	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other


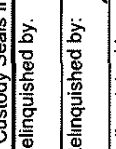
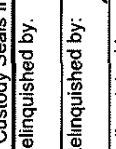
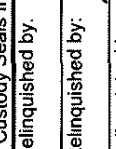
Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Company: Parsons	Date/Time: 3/26/2018	Received by: 	Company: Parsons	Date/Time: 3/26/18 15:00	Therm ID No.:
Relinquished by: 		Company: Parsons	Date/Time: 3/26/18 15:00	Received by: 	Company: Parsons	Date/Time: 3/26/18 15:00	
Relinquished by:		Company: Parsons	Date/Time:	Received in Laboratory by: 	Company: Parsons	Date/Time: 3/26/18 15:00	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018		COC No.	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		4 of 3 COCs	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		Arsenic	
Pasadena, CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		# of Cont.					
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Type (C=Comp, G=Grab)					
Project Name: Reseda HS PEA		Sample Date		Sample Time		Matrix			
Site: Reseda HS		Sample Date		Sample Time		Matrix			
P.O.#		Sample Date		Sample Time		Matrix			
AOC1-B81-SW20-P0.5		3/26/2018	1248	G	S	1		X	
AOC1-B81-SW20-P1.5		3/26/18	1250	G	S	1		H	
AOC1-B81-SW20-P2.5		3/26/18	1252	G	S	1		H	
AOC1-B77-NW5-P3.5		3/26/18	1300	G	S	1		X	
AOC1-B77-NW10-P3.5		3/26/18	1302	G	S	1		X	
AOC1-B77-NW10-P3.5		3/26/18	1304	G	S	1		X	
AOC1-B77-NW10-P3.5		3/26/18	1306	G	S	1		X	
AOC1-B77-NW10-P3.5		3/26/18	1308	G	S	1		X	
AOC1-B77-NW20-P1.5		3/26/18	1310	G	S	1		X	
AOC1-B77-NW20-P2.5		3/26/18	1312	G	S	1		X	
AOC1-B77-NW20-P3.5		3/26/18	1314	G	S	1		H	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

Custody Seal No.:		Cooler Temp. (°C): Obs'd.		Corr'd.		Therm ID No.:	
Relinquished by:	Company: Parsons	Received by:	Company: Parsons	Received by:	Company: Parsons	Date/Time:	3-26-18 1500
Relinquished by:	Company: Parsons	Received by:	Company: Parsons	Received by:	Company: Parsons	Date/Time:	3-26-18 1500
Relinquished by:	Company: Parsons	Received by:	Company: Parsons	Received by:	Company: Parsons	Date/Time:	3-26-18 1820

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Justin King	Site Contact: Nenette Paulson	Date: 3/26/2018
Parsons	Tel/Fax: 626-440-6133	Lab Contact: Patty Mata	Carrier:
100 West Walnut St	Analysis Turnaround Time		
Pasadena, Ca 91124	<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		
(626) 440-6133	TAT if different from Below: <input type="checkbox"/> Std		
Project Name: Reseda HS PEA	<input type="checkbox"/> 2 weeks		
Site: Reseda HS	<input type="checkbox"/> 1 week		
P O #	<input type="checkbox"/> 2 days		
	<input type="checkbox"/> 1 day		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)		Perform MS / MSD (Y / N)		Arsenic		Sample Specific Notes:
						Y	N	Y	N	Y	N	
AOC1-B77-NW38-P0.5	3/26/18	1316	G	S	1					X		
AOC1-B77-NW38-P1.5	3/26/18	1318	G	S	1					X		
AOC1-B77-NW38-P2.5	3/26/18	1320	G	S	1					X		
AOC1-B77-NW38-P3.5	3/26/18	1322	G	S	1					H		
AOC1-B77-SE22-P0.5	3/26/18	1324	G	S	1					X		
AOC1-B77-SE22-P1.5	3/26/18	1326	G	S	1					X		
AOC1-B77-SE22-P2.5	3/26/18	1328	G	S	1					H		
AOC1-B78-NW22-P0.5	3/26/18	1330	G	S	1					X		
AOC1-B78-NW22-P1.5	3/26/18	1332	G	S	1					H		
AOC1-B78-NW22-P2.5	3/26/18	1334	G	S	1					H		
			G	S	1							
			G	S	1							
			G	S	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No.:	Company: Parsons	Date/Time: 3/26/2018	Received by: [Signature]	Company: [Signature]	Corr'd:	Therm ID No.:
Relinquished by: [Signature]	Company: Parsons	Date/Time: 3/26/2018	Received by: [Signature]	Company: [Signature]		
Relinquished by: [Signature]	Company: Parsons	Date/Time: 3/26/2018	Received by: [Signature]	Company: [Signature]		
Relinquished by: [Signature]	Company: Parsons	Date/Time: 3/26/2018	Received by: [Signature]	Company: [Signature]		

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018		COC No:	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		6 of 4 COCs	
100 West Walnut St		Analysis Turnaround Time						Sampler: Nenette Paulson	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:	
(626) 440-6133		TAT if different from Below: <u>Std</u>						Walk-in Client:	
		<input type="checkbox"/> 2 weeks						Lab Sampling:	
		<input type="checkbox"/> 1 week						Job / SDG No.:	
		<input type="checkbox"/> 2 days							
		<input type="checkbox"/> 1 day							
Project Name: Reseda HS PEA									
Site: Reseda HS									
P O #									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)		Perform MS / MSD (Y / N)		Arsenic		Sample Specific Notes:
A001-B112-N15-P0.5	3/26/2018	1430	G	S	1					X		
A001-B112-N15-P1.5	3/26/18	1430	G	S	1					H		
A001-B112-N15-P2.5	3/26/18	1434	G	S	1					H		
A001-B112-N15-P0.5	3/26/18	1436	G	S	1					X		
A001-B112-N20-P1.5	3/26/18	1438	G	S	1					H		
A001-B112-N20-P2.5	3/26/18	1440	G	S	1					H		
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:	Company: Parsons	Date/Time: 3/26/2018	Received by:	Company:
Relinquished by:	Company:	Date/Time: 3/26/18	Received by:	Company:
Relinquished by:	Company:	Date/Time: 3/26/18	Received in Laboratory by:	Company:

TestAmerica Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact	Project Manager: Justin King Tel/Fax: 626-440-6133	Site Contact: Nenette Paulson Lab Contact: Patty Mata	Date: 3/26/2018	COC No: 7 of 7 COCs
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133	Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: <u>Std</u> <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	For Lab Use Only: Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/> Job / SDG No: <input type="checkbox"/>		
Project Name: Reseda HS PEA Site: Reseda HS PO #				


Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	# of Cont.	Matrix	Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		Arsenic	Sample Specific Notes:
						Y	N	Y	N		
T-032618A	3/26/2018	0730	G	1	4					X	Field Blank
A001B8-S15-P0.5-D	3/26/18	1130	G	1	S			X		X	
A001-B82-S20-P0.5-D	3/26/18	1109	G	1	S			X		X	
A001-B77-NW20-P0.5-D	3/26/18	1308	G	1	S			X		X	
A001-B77-NW38-P0.5-D	3/26/18	1316	G	1	S			X		X	
A001-B81-NE15-P0.5-D	3/26/18	1230	G	1	S			X		X	
A001-B81-SV20-P0.5-D	3/26/18	1248	G	1	S			X		X	
A001-B91-C10-P0.5-D	3/26/18	0919	G	1	S			X		X	
A001-B12-N15-P0.5-D	3/26/18	1430	G	1	S			X		X	
A001-B12-N15-P0.5-D			G	1	S						
			G	1	S						
			G	1	S						
			G	1	S						

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Company: Parsons	Date/Time: 3/26/2018	Received by: 	Company: Parsons	Date/Time: 3/26/18 1500
Relinquished by:	Company: Parsons	Date/Time: 3/26/18 1400	Received by:	Company: Parsons	Date/Time: 3/26/18 1800	
Relinquished by:	Company: Parsons	Date/Time: 3/26/18 1800	Received by:	Company: Parsons	Date/Time: 3/26/18 1800	

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-207080-3

Login Number: 207080

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-211214-2

Client Project/Site: LAUSD Reseda H.S., CA

For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

6/5/2018 1:28:28 PM

Dennis Tran, Project Manager I

dennis.tran@testamericainc.com

Designee for

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-211214-6	AOC1-B81-NE35-D1.5	Solid	05/12/18 09:44	05/12/18 14:10
440-211214-7	AOC1-B81-NE35-D2.5	Solid	05/12/18 09:48	05/12/18 14:10

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Job ID: 440-211214-2

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-211214-2

Comments

No additional comments.

Receipt

The samples were received on 5/12/2018 2:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0° C.

Receipt Exceptions

Only the results of additional tests requested per client's 5/24/18 email are included in this report.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Client Sample ID: AOC1-B81-NE35-D1.5

Lab Sample ID: 440-211214-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.6		2.9	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE35-D2.5

Lab Sample ID: 440-211214-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Client Sample ID: AOC1-B81-NE35-D1.5

Date Collected: 05/12/18 09:44

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-6

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		2.9	1.5	mg/Kg	—	05/29/18 08:26	06/04/18 12:22	5

Client Sample ID: AOC1-B81-NE35-D2.5

Date Collected: 05/12/18 09:48

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-7

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg	—	05/29/18 08:26	06/04/18 12:35	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Client Sample ID: AOC1-B81-NE35-D1.5

Date Collected: 05/12/18 09:44

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	50 mL	478928	05/29/18 08:26	DT	TAL IRV
Total/NA	Analysis	6010B		5			480198	06/04/18 12:22	VS	TAL IRV

Client Sample ID: AOC1-B81-NE35-D2.5

Date Collected: 05/12/18 09:48

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	478928	05/29/18 08:26	DT	TAL IRV
Total/NA	Analysis	6010B		5			480198	06/04/18 12:35	VS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-478928/1-A ^5

Matrix: Solid

Analysis Batch: 480198

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		05/29/18 08:26	06/04/18 12:17	5

Lab Sample ID: LCS 440-478928/2-A ^5

Matrix: Solid

Analysis Batch: 480198

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	47.2		mg/Kg		95	80 - 120

Lab Sample ID: 440-211214-6 MS

Matrix: Solid

Analysis Batch: 480198

Client Sample ID: AOC1-B81-NE35-D1.5

Prep Type: Total/NA

Prep Batch: 478928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	6.6		49.8	51.8		mg/Kg		91	75 - 125

Lab Sample ID: 440-211214-6 MSD

Matrix: Solid

Analysis Batch: 480198

Client Sample ID: AOC1-B81-NE35-D1.5

Prep Type: Total/NA

Prep Batch: 478928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	6.6		49.8	50.5		mg/Kg		88	75 - 125	3	20

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Metals

Prep Batch: 478928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211214-6	AOC1-B81-NE35-D1.5	Total/NA	Solid	3050B	
440-211214-7	AOC1-B81-NE35-D2.5	Total/NA	Solid	3050B	
MB 440-478928/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-478928/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-211214-6 MS	AOC1-B81-NE35-D1.5	Total/NA	Solid	3050B	
440-211214-6 MSD	AOC1-B81-NE35-D1.5	Total/NA	Solid	3050B	

Analysis Batch: 480198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211214-6	AOC1-B81-NE35-D1.5	Total/NA	Solid	6010B	478928
440-211214-7	AOC1-B81-NE35-D2.5	Total/NA	Solid	6010B	478928
MB 440-478928/1-A ^5	Method Blank	Total/NA	Solid	6010B	478928
LCS 440-478928/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	478928
440-211214-6 MS	AOC1-B81-NE35-D1.5	Total/NA	Solid	6010B	478928
440-211214-6 MSD	AOC1-B81-NE35-D1.5	Total/NA	Solid	6010B	478928

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-2

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18 *
Analysis Method	Prep Method	Matrix	Analyte	

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

TestAmerica Irvine

17461 Deirien Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ PW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact

Project Manager: Justin King

Site Contact: N. Anderson

Date: 5/12/18

COC No. 2 of 2 COCs

Parsons

Tel/Fax: 626-440-6133

Lab Contact: Patty Mata

Carrier:

Sampler: Jennifer Paulson

100 West Walnut St

Analysis Turnaround Time

For Lab Use Only:

Walk-In Client:

Lab Sampling:

Pasadena, Ca 91124

CALENDAR DAYS ☐ WORKING DAYS ☒

Job / SDG No.:

Sample Specific Notes:

Project Name: Reseda HS PEA

Site: Reseda HS

TAT if different from Below: ☐ 1 day ☐ 1 week ☐ 2 weeks ☒ 2 days

Filtered Sample (Y / N)

Perform MS / MSD (Y / N)

Arsonic

P.O. # 450810

Sample Identification

Sample Date

Sample Time

Sample Type (C-Comp, G-Grab)

Matrix

ACI-1377-SW5-D3.5

5/12/18 1030

C

S

1

ACI-1377-SW5-D5.0

5/12/18 1036

C

S

1

ACI-1381-D3.5

5/12/18 0936

C

S

1

ACI-1381-D5.0

5/12/18 0936

C

S

1

ACI-1381-D3.5

5/12/18 0940

C

S

1

ACI-1381-D5.0

5/12/18 0944

C

S

1

ACI-1381-D3.5

5/12/18 0948

C

S

1

ACI-1381-D5.0

5/12/18 0944

C

S

1

ACI-1381-D3.5

5/12/18 0948

C

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ACI-1381-D5.0

5/12/18 0944

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ACI-1381-D3.5

5/12/18 0948

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ACI-1381-D5.0

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ACI-1381-D5.0

5/12/18 0944

C

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ACI-1381-D3.5

5/12/18 0948

C

S

1

ACI-1381-D5.0

5/12/18 0944

C

S

1

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Wednesday, May 23, 2018 5:25 PM
To: Mata, Patty
Subject: RE: TestAmerica report files from 440-211214-1 LAUSD Reseda H.S., CA

-External Email-

Patty
Can you run samples AOC1-B81-NW35-D1.5 and AOC1-B81-NW35-D2.5 for arsenic?
Thanks
Justin

From: Mata, Patty <patty.mata@testamericainc.com>
Sent: Wednesday, May 23, 2018 10:41 AM
To: King, Justin <Justin.King@parsons.com>
Subject: TestAmerica report files from 440-211214-1 LAUSD Reseda H.S., CA

Hello,

Attached please find the report files for job 440-211214-1; LAUSD Reseda H.S., CA

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback\[surveymonkey.com\]](https://www.surveymonkey.com/projects/ProjectFeedback)

PATTY MATA
Project Manager

TestAmerica Irvine
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 949.261,1022

Reference: [449221]
Attachments: 1

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Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Friday, May 25, 2018 1:40 PM
To: Mata, Patty
Subject: RE: TestAmerica report files from 440-211214-1 LAUSD Reseda H.S., CA
Attachments: SKMBT_36318052513340.pdf

-External Email-

Patty

I just realized that there was an error with a sample ID. I have corrected it on the attached COC but it is a little hard to see. Can you please change the following:

AOC1-B81-NW35-D0.5 should be AOC1-B81-NE35-D0.5

AOC1-B81-NW35-D0.5D should be AOC1-B81-NE35-D0.5D

AOC1-B81-NW35-D1.5 should be AOC1-B81-NE35-D1.5

AOC1-B81-NW35-D2.5 should be AOC1-B81-NE35-D2.5

This will affect the two samples that I released for analysis.

Thanks

Justin

From: Mata, Patty <patty.mata@testamericainc.com>
Sent: Wednesday, May 23, 2018 10:41 AM
To: King, Justin <Justin.King@parsons.com>
Subject: TestAmerica report files from 440-211214-1 LAUSD Reseda H.S., CA

Hello,

Attached please find the report files for job 440-211214-1; LAUSD Reseda H.S., CA

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback\[surveymonkey.com\]](https://www.surveymonkey.com/projects/ProjectFeedback)

PATTY MATA
Project Manager

TestAmerica Irvine
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 949.261,1022

Reference: [449221]
Attachments: 1

TestAmerica Irvine
17461 Derian Avenue
Suite 100


Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other:		Project Manager: Justin King		Site Contact: N. Paulson		Date: 5/12/18		COC No. 1 of 2 COCs	
Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:				Sampler: Nette Paulson	
Analysis Turnaround Time		CALENDAR DAYS		WORKING DAYS		TAT if different from Below		For Lab Use Only:	
<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day		Walk-in Client:	
<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day		Lab Sampling:	
Project Name: Reseda HS PEA		Site: Reseda HS		P O # 450810				Job / SDG No.	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes:
AOC1-B77-SW5-D3.5	5/12/18	1030	C	S	1		X		 440-211214 Chain of Custody
AOC1-B77-SW5-D5.0	5/12/18	1036	C	S	1		H		
AOC1-B81-D3.5	5/12/18	0930	C	S	1		X		
AOC1-B81-D5.0	5/12/18	0936	C	S	1		H		
AOC1-B81-NW35-D0.5	5/12/18	0940	C	S	1		X		
AOC1-B81-NW35-D1.5	5/12/18	0944	C	S	1		H		
AOC1-B81-NW35-D2.5	5/12/18	0948	C	S	1		H		
AOC1-B81-NW35-D0.5D	5/12/18	0941	C	S	1		X		
AOC1-B91-N5-D3.5	5/12/18	0830	C	S	1		X		
AOC1-B91-N5-D5.0	5/12/18	0836	C	S	1		H		
AOC1-B91-N30-D0.5	5/12/18	0840	C	S	1		X		
AOC1-B91-N30-D1.5	5/12/18	0844	C	S	1		H		
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please list any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Return to Client <input type="checkbox"/> Archive for <input type="checkbox"/> Disposal by Lab <input checked="" type="checkbox"/> Months		
Special Instructions/QC Requirements & Comments:							Cooler Temp. (°C) Obs'd: _____		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No							Therm ID No. _____		
Relinquished by: N. Paulson							Date/Time: 5/12/18 1103		
Relinquished by: Dan							Date/Time: 5/12/18 1410		
Relinquished by: Dan							Date/Time: 5/12/18 1910		

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

1011.0 112-564

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-211214-2

Login Number: 211214

List Source: TestAmerica Irvine

List Number: 1

Creator: Bonta, Lucia F

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-203718-1

Client Project/Site: Reseda HS PEA

Revision: 1

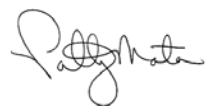
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

3/5/2018 11:10:26 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@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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Sample Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-203718-1	F 021918	Water	02/19/18 07:30	02/19/18 17:20
440-203718-2	AOC1-B22-N5-D0.5	Solid	02/19/18 08:20	02/19/18 17:20
440-203718-5	AOC1-B22-N10-D0.5	Solid	02/19/18 08:35	02/19/18 17:20
440-203718-8	AOC1-B22-E5-D0.5	Solid	02/19/18 08:50	02/19/18 17:20
440-203718-11	AOC1-B22-N10-D0.5-D	Solid	02/19/18 08:35	02/19/18 17:20
440-203718-12	AOC1-B100-E5-D0.5-D	Solid	02/19/18 10:50	02/19/18 17:20
440-203718-13	AOC1-B22-S5-D0.5	Solid	02/19/18 09:05	02/19/18 17:20
440-203718-16	AOC1-B22-S10-D0.5	Solid	02/19/18 09:20	02/19/18 17:20
440-203718-19	AOC1-B100-N5-D0.5	Solid	02/19/18 09:35	02/19/18 17:20
440-203718-22	AOC1-B100-W5-D0.5	Solid	02/19/18 09:50	02/19/18 17:20
440-203718-25	AOC1-B100-W10-D0.5	Solid	02/19/18 10:05	02/19/18 17:20
440-203718-28	AOC1-B100-S5-D0.5	Solid	02/19/18 10:20	02/19/18 17:20
440-203718-31	AOC1-B100-S10-D0.5	Solid	02/19/18 10:35	02/19/18 17:20
440-203718-34	AOC1-B100-E5-D0.5	Solid	02/19/18 10:50	02/19/18 17:20
440-203718-37	AOC1-B100-E10-D0.5	Solid	02/19/18 11:05	02/19/18 17:20
440-203718-40	AOC1-B77-NW5-D0.5	Solid	02/19/18 11:20	02/19/18 17:20
440-203718-41	AOC1-B77-NW5-D1.5	Solid	02/19/18 11:22	02/19/18 17:20
440-203718-42	AOC1-B77-NW5-D2.5	Solid	02/19/18 11:24	02/19/18 17:20
440-203718-43	AOC1-B77-NW10-D0.5	Solid	02/19/18 11:26	02/19/18 17:20
440-203718-44	AOC1-B77-NW10-D1.5	Solid	02/19/18 11:28	02/19/18 17:20
440-203718-45	AOC1-B77-NW10-D2.5	Solid	02/19/18 11:30	02/19/18 17:20
440-203718-46	AOC1-B77-SW5-D0.5	Solid	02/19/18 11:32	02/19/18 17:20
440-203718-47	AOC1-B77-SW5-D1.5	Solid	02/19/18 11:34	02/19/18 17:20
440-203718-48	AOC1-B77-SW5-D2.5	Solid	02/19/18 11:36	02/19/18 17:20
440-203718-49	AOC1-B77-SW10-D0.5	Solid	02/19/18 11:38	02/19/18 17:20
440-203718-50	AOC1-B77-SW10-D1.5	Solid	02/19/18 11:40	02/19/18 17:20
440-203718-51	AOC1-B77-SW10-D2.5	Solid	02/19/18 11:42	02/19/18 17:20
440-203718-52	AOC1-B77-SE5-D0.5	Solid	02/19/18 11:44	02/19/18 17:20
440-203718-53	AOC1-B77-SE5-D1.5	Solid	02/19/18 11:46	02/19/18 17:20
440-203718-54	AOC1-B77-SE5-D2.5	Solid	02/19/18 11:48	02/19/18 17:20
440-203718-55	AOC1-B77-SE10-D0.5	Solid	02/19/18 11:50	02/19/18 17:20
440-203718-56	AOC1-B77-SE10-D1.5	Solid	02/19/18 11:52	02/19/18 17:20
440-203718-57	AOC1-B77-SE10-D2.5	Solid	02/19/18 11:54	02/19/18 17:20
440-203718-58	AOC1-B78-NW5-D0.5	Solid	02/19/18 11:56	02/19/18 17:20
440-203718-59	AOC1-B78-NW5-D1.5	Solid	02/19/18 11:58	02/19/18 17:20
440-203718-61	AOC1-B77-NW5-D2.5-D	Solid	02/19/18 11:24	02/19/18 17:20
440-203718-62	AOC1-B78-NW10-D0.5-D	Solid	02/19/18 12:02	02/19/18 17:20
440-203718-63	AOC1-B78-SW10-D0.5-D	Solid	02/19/18 12:14	02/19/18 17:20
440-203718-64	AOC1-B78-SE5-D1.5-D	Solid	02/19/18 12:22	02/19/18 17:20
440-203718-65	AOC1-B78-NW10-D0.5	Solid	02/19/18 12:02	02/19/18 17:20
440-203718-66	AOC1-B78-NW10-D1.5	Solid	02/19/18 12:04	02/19/18 17:20
440-203718-68	AOC1-B78-SW5-D0.5	Solid	02/19/18 12:08	02/19/18 17:20
440-203718-69	AOC1-B78-SW5-D1.5	Solid	02/19/18 12:10	02/19/18 17:20
440-203718-71	AOC1-B81-SW5-D1.5	Solid	02/19/18 12:46	02/19/18 17:20
440-203718-72	AOC1-B81-NW5-D1.5-D	Solid	02/19/18 12:26	02/19/18 17:20
440-203718-73	AOC1-B78-SW10-D0.5	Solid	02/19/18 12:14	02/19/18 17:20
440-203718-74	AOC1-B78-SW10-D1.5	Solid	02/19/18 12:16	02/19/18 17:20
440-203718-76	AOC1-B78-SE5-D0.5	Solid	02/19/18 12:20	02/19/18 17:20
440-203718-77	AOC1-B78-SE5-D1.5	Solid	02/19/18 12:22	02/19/18 17:20
440-203718-79	AOC1-B81-NW5-D0.5	Solid	02/19/18 12:26	02/19/18 17:20
440-203718-80	AOC1-B81-NW5-D1.5	Solid	02/19/18 12:28	02/19/18 17:20
440-203718-81	AOC1-B81-NW5-D2.5	Solid	02/19/18 12:30	02/19/18 17:20
440-203718-82	AOC1-B81-NE5-D0.5	Solid	02/19/18 12:32	02/19/18 17:20

TestAmerica Irvine

Sample Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-203718-83	AOC1-B81-NE5-D1.5	Solid	02/19/18 12:34	02/19/18 17:20
440-203718-84	AOC1-B81-NE5-D2.5	Solid	02/19/18 12:36	02/19/18 17:20
440-203718-85	AOC1-B81-NE10-D0.5	Solid	02/19/18 12:38	02/19/18 17:20
440-203718-86	AOC1-B81-NE10-D1.5	Solid	02/19/18 12:40	02/19/18 17:20
440-203718-87	AOC1-B81-NE10-D2.5	Solid	02/19/18 12:42	02/19/18 17:20
440-203718-88	AOC1-B81-SW5-D0.5	Solid	02/19/18 12:44	02/19/18 17:20
440-203718-89	AOC1-B81-SW5-D1.5	Solid	02/19/18 12:46	02/19/18 17:20
440-203718-90	AOC1-B81-SW5-D2.5	Solid	02/19/18 12:48	02/19/18 17:20
440-203718-91	AOC1-B81-SW10-D0.5	Solid	02/19/18 12:50	02/19/18 17:20
440-203718-92	AOC1-B81-SW10-D1.5	Solid	02/19/18 12:52	02/19/18 17:20
440-203718-93	AOC1-B81-SW10-D2.5	Solid	02/19/18 12:54	02/19/18 17:20
440-203718-94	AOC1-B81-SE5-D0.5	Solid	02/19/18 12:56	02/19/18 17:20
440-203718-95	AOC1-B81-SE5-D1.5	Solid	02/19/18 12:58	02/19/18 17:20
440-203718-96	AOC1-B81-SE5-D2.5	Solid	02/19/18 13:00	02/19/18 17:20
440-203718-97	AOC1-B81-SE10-D0.5	Solid	02/19/18 13:02	02/19/18 17:20
440-203718-98	AOC1-B81-SE10-D1.5	Solid	02/19/18 13:04	02/19/18 17:20
440-203718-99	AOC1-B81-SE10-D2.5	Solid	02/19/18 13:06	02/19/18 17:20
440-203718-100	AOC1-B112-N5-D0.5	Solid	02/19/18 13:08	02/19/18 17:20
440-203718-103	AOC1-B112-N10-D0.5	Solid	02/19/18 13:14	02/19/18 17:20
440-203718-106	AOC1-B112-W5-D0.5	Solid	02/19/18 13:20	02/19/18 17:20
440-203718-109	AOC1-B108-S10-D0.5	Solid	02/19/18 13:44	02/19/18 17:20
440-203718-112	AOC1-B6-N5-D0.5	Solid	02/19/18 13:36	02/19/18 17:20
440-203718-115	AOC1-B6-N10-D0.5	Solid	02/19/18 13:30	02/19/18 17:20
440-203718-118	AOC1-B6-W5-D0.5	Solid	02/19/18 13:40	02/19/18 17:20
440-203718-121	AOC1-B6-W10-D0.5	Solid	02/19/18 13:46	02/19/18 17:20
440-203718-124	AOC1-B6-S5-D0.5	Solid	02/19/18 13:52	02/19/18 17:20
440-203718-127	AOC1-B6-S10-D0.5	Solid	02/19/18 13:57	02/19/18 17:20
440-203718-130	AOC1-B8-S10-D0.5	Solid	02/19/18 14:14	02/19/18 17:20
440-203718-133	AOC1-B112-W10-D0.5	Solid	02/19/18 13:26	02/19/18 17:20
440-203718-136	AOC1-B112-W5-D0.5-D	Solid	02/19/18 13:20	02/19/18 17:20
440-203718-137	AOC1-B108-E5-D0.5	Solid	02/19/18 13:44	02/19/18 17:20
440-203718-140	AOC1-B108-S5-D0.5	Solid	02/19/18 13:32	02/19/18 17:20
440-203718-143	AOC1-B108-S10-D0.5-D	Solid	02/19/18 13:38	02/19/18 17:20
440-203718-144	AOC1-B8-S10-D0.5-D	Solid	02/19/18 14:15	02/19/18 17:20

TestAmerica Irvine

Case Narrative

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Job ID: 440-203718-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-203718-1

Comments

This report was revised on 3/5/18 to change the sample ID for the following sample per client's 3/2/18 email request:
AOC1-B81-NW5-D1.5-D (440-203718-72).

Receipt

The samples were received on 2/19/2018 5:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.3° C, 1.5° C, 3.1° C and 3.3° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): AOC1-B100-E5-D0.5 (440-203718-34), AOC1-B78-SE5-D1.5-D (440-203718-64), AOC1-B81-NW5-D1.5 (440-203718-72), AOC1-B81-SW5-D1.5 (440-203718-89), AOC1-B108-S10-D0.5 (440-203718-109), AOC1-B108-S10-D1.5 (440-203718-110) and AOC1-B108-S10-D2.5 (440-203718-111).

Sample #34 The container labels list AOC1-B100-E5-00.5 09:50 , while the COC lists AOC1-B100-E5-00.5 @10:50.
Sample #64 The container labels list AOC1-B78-SW10-D1.5. @12:22 , while the COC lists AOC1-B78-SE5-D1.5-D @12:22.
Sample #72 The container labels list AOC1-B81-NW5-01.5-D @12:26, while the COC lists AOC1-B81-NW5-01.5 @12:26.
Sample #89 The container labels list AOC1-B81-SW5-D1.5-D @12:46, while the COC lists AOC1-B81-SW5-D1.5 @12:46.
Sample #109 The container labels list AOC1-B108-S10-00.5 @13:38, while the COC lists AOC1-B108-S10-00.5 @13:44.
Sample #110 The container labels list AOC1-B108-S10-01.5 @13:40, while the COC lists AOC1-B108-S10-01.5 @13:46.
Sample #111 The container labels list AOC1-B108-S10-D2.5 @13:42, while the COC lists AOC1-B108-S10-D2.5 @13:48.

Samples were logged in per COC.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: F 021918

Lab Sample ID: 440-203718-1

No Detections.

Client Sample ID: AOC1-B22-N5-D0.5

Lab Sample ID: 440-203718-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N10-D0.5

Lab Sample ID: 440-203718-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	23		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-E5-D0.5

Lab Sample ID: 440-203718-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N10-D0.5-D

Lab Sample ID: 440-203718-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-E5-D0.5-D

Lab Sample ID: 440-203718-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S5-D0.5

Lab Sample ID: 440-203718-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S10-D0.5

Lab Sample ID: 440-203718-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-N5-D0.5

Lab Sample ID: 440-203718-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.8		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-W5-D0.5

Lab Sample ID: 440-203718-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	36		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-W10-D0.5

Lab Sample ID: 440-203718-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17		2.0	0.99	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B100-S5-D0.5

Lab Sample ID: 440-203718-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-S10-D0.5

Lab Sample ID: 440-203718-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	26		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-E5-D0.5

Lab Sample ID: 440-203718-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B100-E10-D0.5

Lab Sample ID: 440-203718-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	29		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW5-D0.5

Lab Sample ID: 440-203718-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	31		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW5-D1.5

Lab Sample ID: 440-203718-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	20		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW5-D2.5

Lab Sample ID: 440-203718-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW10-D0.5

Lab Sample ID: 440-203718-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW10-D1.5

Lab Sample ID: 440-203718-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW10-D2.5

Lab Sample ID: 440-203718-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SW5-D0.5

Lab Sample ID: 440-203718-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-SW5-D0.5 (Continued)

Lab Sample ID: 440-203718-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SW5-D1.5

Lab Sample ID: 440-203718-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	31		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SW5-D2.5

Lab Sample ID: 440-203718-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SW10-D0.5

Lab Sample ID: 440-203718-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SW10-D1.5

Lab Sample ID: 440-203718-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SW10-D2.5

Lab Sample ID: 440-203718-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE5-D0.5

Lab Sample ID: 440-203718-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	26		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE5-D1.5

Lab Sample ID: 440-203718-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE5-D2.5

Lab Sample ID: 440-203718-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE10-D0.5

Lab Sample ID: 440-203718-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	32		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE10-D1.5

Lab Sample ID: 440-203718-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-SE10-D1.5 (Continued)

Lab Sample ID: 440-203718-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE10-D2.5

Lab Sample ID: 440-203718-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-NW5-D0.5

Lab Sample ID: 440-203718-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-NW5-D1.5

Lab Sample ID: 440-203718-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW5-D2.5-D

Lab Sample ID: 440-203718-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-NW10-D0.5-D

Lab Sample ID: 440-203718-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	22		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SW10-D0.5-D

Lab Sample ID: 440-203718-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SE5-D1.5-D

Lab Sample ID: 440-203718-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-NW10-D0.5

Lab Sample ID: 440-203718-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	19		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-NW10-D1.5

Lab Sample ID: 440-203718-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SW5-D0.5

Lab Sample ID: 440-203718-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B78-SW5-D0.5 (Continued)

Lab Sample ID: 440-203718-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SW5-D1.5

Lab Sample ID: 440-203718-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW5-D1.5

Lab Sample ID: 440-203718-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NW5-D1.5-D

Lab Sample ID: 440-203718-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SW10-D0.5

Lab Sample ID: 440-203718-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SW10-D1.5

Lab Sample ID: 440-203718-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SE5-D0.5

Lab Sample ID: 440-203718-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	31		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-SE5-D1.5

Lab Sample ID: 440-203718-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NW5-D0.5

Lab Sample ID: 440-203718-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NW5-D1.5

Lab Sample ID: 440-203718-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NW5-D2.5

Lab Sample ID: 440-203718-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-NW5-D2.5 (Continued)

Lab Sample ID: 440-203718-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE5-D0.5

Lab Sample ID: 440-203718-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE5-D1.5

Lab Sample ID: 440-203718-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE5-D2.5

Lab Sample ID: 440-203718-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE10-D0.5

Lab Sample ID: 440-203718-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	19		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE10-D1.5

Lab Sample ID: 440-203718-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE10-D2.5

Lab Sample ID: 440-203718-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW5-D0.5

Lab Sample ID: 440-203718-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW5-D1.5

Lab Sample ID: 440-203718-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW5-D2.5

Lab Sample ID: 440-203718-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW10-D0.5

Lab Sample ID: 440-203718-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-SW10-D0.5 (Continued)

Lab Sample ID: 440-203718-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	33		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW10-D1.5

Lab Sample ID: 440-203718-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW10-D2.5

Lab Sample ID: 440-203718-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SE5-D0.5

Lab Sample ID: 440-203718-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SE5-D1.5

Lab Sample ID: 440-203718-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SE5-D2.5

Lab Sample ID: 440-203718-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SE10-D0.5

Lab Sample ID: 440-203718-97

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SE10-D1.5

Lab Sample ID: 440-203718-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SE10-D2.5

Lab Sample ID: 440-203718-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N5-D0.5

Lab Sample ID: 440-203718-100

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N10-D0.5

Lab Sample ID: 440-203718-103

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B112-N10-D0.5 (Continued)

Lab Sample ID: 440-203718-103

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-W5-D0.5

Lab Sample ID: 440-203718-106

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B108-S10-D0.5

Lab Sample ID: 440-203718-109

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	7.4		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-N5-D0.5

Lab Sample ID: 440-203718-112

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-N10-D0.5

Lab Sample ID: 440-203718-115

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.3		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-W5-D0.5

Lab Sample ID: 440-203718-118

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.5		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-W10-D0.5

Lab Sample ID: 440-203718-121

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.3		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-S5-D0.5

Lab Sample ID: 440-203718-124

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.0		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B6-S10-D0.5

Lab Sample ID: 440-203718-127

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.6		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S10-D0.5

Lab Sample ID: 440-203718-130

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-W10-D0.5

Lab Sample ID: 440-203718-133

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B112-W10-D0.5 (Continued)

Lab Sample ID: 440-203718-133

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-W5-D0.5-D

Lab Sample ID: 440-203718-136

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B108-E5-D0.5

Lab Sample ID: 440-203718-137

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.1		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.6		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B108-S5-D0.5

Lab Sample ID: 440-203718-140

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	6.0		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B108-S10-D0.5-D

Lab Sample ID: 440-203718-143

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA
Lead	5.3		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S10-D0.5-D

Lab Sample ID: 440-203718-144

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	17		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: F 021918

Date Collected: 02/19/18 07:30

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-1

Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		02/22/18 13:51	02/23/18 12:02	1
Lead	ND		0.0050	0.0038	mg/L		02/22/18 13:51	02/23/18 12:02	1

Client Sample ID: AOC1-B22-N5-D0.5

Date Collected: 02/19/18 08:20

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-2

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 15:43	5

Client Sample ID: AOC1-B22-N10-D0.5

Date Collected: 02/19/18 08:35

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-5

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	23		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 15:46	5

Client Sample ID: AOC1-B22-E5-D0.5

Date Collected: 02/19/18 08:50

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-8

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		3.0	1.5	mg/Kg		02/26/18 09:11	02/26/18 17:33	5

Client Sample ID: AOC1-B22-N10-D0.5-D

Date Collected: 02/19/18 08:35

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-11

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 15:32	5

Client Sample ID: AOC1-B100-E5-D0.5-D

Date Collected: 02/19/18 10:50

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-12

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13		2.0	1.0	mg/Kg		02/23/18 08:51	02/23/18 16:38	5

Client Sample ID: AOC1-B22-S5-D0.5

Date Collected: 02/19/18 09:05

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-13

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 15:48	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B22-S10-D0.5

Lab Sample ID: 440-203718-16

Date Collected: 02/19/18 09:20

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 15:56	5

Client Sample ID: AOC1-B100-N5-D0.5

Lab Sample ID: 440-203718-19

Date Collected: 02/19/18 09:35

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.8		2.0	0.99	mg/Kg		02/23/18 08:51	02/23/18 15:59	5

Client Sample ID: AOC1-B100-W5-D0.5

Lab Sample ID: 440-203718-22

Date Collected: 02/19/18 09:50

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	36		2.0	1.0	mg/Kg		02/23/18 08:51	02/23/18 16:01	5

Client Sample ID: AOC1-B100-W10-D0.5

Lab Sample ID: 440-203718-25

Date Collected: 02/19/18 10:05

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17		2.0	0.99	mg/Kg		02/23/18 08:51	02/23/18 16:04	5

Client Sample ID: AOC1-B100-S5-D0.5

Lab Sample ID: 440-203718-28

Date Collected: 02/19/18 10:20

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11		2.0	1.0	mg/Kg		02/23/18 08:51	02/23/18 16:06	5

Client Sample ID: AOC1-B100-S10-D0.5

Lab Sample ID: 440-203718-31

Date Collected: 02/19/18 10:35

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	26		2.0	0.99	mg/Kg		02/23/18 08:51	02/23/18 16:08	5

Client Sample ID: AOC1-B100-E5-D0.5

Lab Sample ID: 440-203718-34

Date Collected: 02/19/18 10:50

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21		2.0	1.0	mg/Kg		02/23/18 08:51	02/23/18 16:11	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B100-E10-D0.5

Lab Sample ID: 440-203718-37

Date Collected: 02/19/18 11:05

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	29		2.0	0.99	mg/Kg		02/23/18 08:51	02/23/18 16:13	5

Client Sample ID: AOC1-B77-NW5-D0.5

Lab Sample ID: 440-203718-40

Date Collected: 02/19/18 11:20

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	31		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 16:15	5

Client Sample ID: AOC1-B77-NW5-D1.5

Lab Sample ID: 440-203718-41

Date Collected: 02/19/18 11:22

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 16:18	5

Client Sample ID: AOC1-B77-NW5-D2.5

Lab Sample ID: 440-203718-42

Date Collected: 02/19/18 11:24

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 16:26	5

Client Sample ID: AOC1-B77-NW10-D0.5

Lab Sample ID: 440-203718-43

Date Collected: 02/19/18 11:26

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 16:28	5

Client Sample ID: AOC1-B77-NW10-D1.5

Lab Sample ID: 440-203718-44

Date Collected: 02/19/18 11:28

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 16:31	5

Client Sample ID: AOC1-B77-NW10-D2.5

Lab Sample ID: 440-203718-45

Date Collected: 02/19/18 11:30

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 16:33	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-SW5-D0.5

Lab Sample ID: 440-203718-46

Date Collected: 02/19/18 11:32

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		3.0	1.5	mg/Kg	-	02/23/18 08:51	02/23/18 16:35	5

Client Sample ID: AOC1-B77-SW5-D1.5

Lab Sample ID: 440-203718-47

Date Collected: 02/19/18 11:34

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	31		3.0	1.5	mg/Kg	-	02/23/18 08:53	02/23/18 21:17	5

Client Sample ID: AOC1-B77-SW5-D2.5

Lab Sample ID: 440-203718-48

Date Collected: 02/19/18 11:36

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg	-	02/23/18 08:53	02/23/18 21:20	5

Client Sample ID: AOC1-B77-SW10-D0.5

Lab Sample ID: 440-203718-49

Date Collected: 02/19/18 11:38

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg	-	02/23/18 08:53	02/23/18 21:22	5

Client Sample ID: AOC1-B77-SW10-D1.5

Lab Sample ID: 440-203718-50

Date Collected: 02/19/18 11:40

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg	-	02/23/18 08:53	02/23/18 21:24	5

Client Sample ID: AOC1-B77-SW10-D2.5

Lab Sample ID: 440-203718-51

Date Collected: 02/19/18 11:42

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		3.0	1.5	mg/Kg	-	02/23/18 08:53	02/23/18 21:27	5

Client Sample ID: AOC1-B77-SE5-D0.5

Lab Sample ID: 440-203718-52

Date Collected: 02/19/18 11:44

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26		3.0	1.5	mg/Kg	-	02/23/18 08:53	02/23/18 21:29	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-SE5-D1.5

Lab Sample ID: 440-203718-53

Date Collected: 02/19/18 11:46

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:31	5

Client Sample ID: AOC1-B77-SE5-D2.5

Lab Sample ID: 440-203718-54

Date Collected: 02/19/18 11:48

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:38	5

Client Sample ID: AOC1-B77-SE10-D0.5

Lab Sample ID: 440-203718-55

Date Collected: 02/19/18 11:50

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	32		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:41	5

Client Sample ID: AOC1-B77-SE10-D1.5

Lab Sample ID: 440-203718-56

Date Collected: 02/19/18 11:52

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:43	5

Client Sample ID: AOC1-B77-SE10-D2.5

Lab Sample ID: 440-203718-57

Date Collected: 02/19/18 11:54

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:45	5

Client Sample ID: AOC1-B78-NW5-D0.5

Lab Sample ID: 440-203718-58

Date Collected: 02/19/18 11:56

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:48	5

Client Sample ID: AOC1-B78-NW5-D1.5

Lab Sample ID: 440-203718-59

Date Collected: 02/19/18 11:58

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:50	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-NW5-D2.5-D

Date Collected: 02/19/18 11:24

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-61

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.4		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:01	5

Client Sample ID: AOC1-B78-NW10-D0.5-D

Date Collected: 02/19/18 12:02

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-62

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	22		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 22:09	5

Client Sample ID: AOC1-B78-SW10-D0.5-D

Date Collected: 02/19/18 12:14

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-63

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg		02/23/18 11:04	02/26/18 11:09	5

Client Sample ID: AOC1-B78-SE5-D1.5-D

Date Collected: 02/19/18 12:22

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-64

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		3.0	1.5	mg/Kg		02/23/18 11:04	02/26/18 12:30	5

Client Sample ID: AOC1-B78-NW10-D0.5

Date Collected: 02/19/18 12:02

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-65

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:53	5

Client Sample ID: AOC1-B78-NW10-D1.5

Date Collected: 02/19/18 12:04

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-66

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:55	5

Client Sample ID: AOC1-B78-SW5-D0.5

Date Collected: 02/19/18 12:08

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-68

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.6		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 21:57	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B78-SW5-D1.5

Date Collected: 02/19/18 12:10

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-69

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 22:00	5

Client Sample ID: AOC1-B81-SW5-D1.5

Date Collected: 02/19/18 12:46

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-71

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 22:07	5

Client Sample ID: AOC1-B81-NW5-D1.5-D

Date Collected: 02/19/18 12:26

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-72

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		3.0	1.5	mg/Kg		02/23/18 11:04	02/26/18 11:21	5

Client Sample ID: AOC1-B78-SW10-D0.5

Date Collected: 02/19/18 12:14

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-73

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		3.0	1.5	mg/Kg		02/23/18 11:04	02/26/18 11:23	5

Client Sample ID: AOC1-B78-SW10-D1.5

Date Collected: 02/19/18 12:16

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-74

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:54	5

Client Sample ID: AOC1-B78-SE5-D0.5

Date Collected: 02/19/18 12:20

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-76

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	31		3.0	1.5	mg/Kg		02/23/18 11:04	02/26/18 11:26	5

Client Sample ID: AOC1-B78-SE5-D1.5

Date Collected: 02/19/18 12:22

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-77

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.5		3.0	1.5	mg/Kg		02/23/18 11:04	02/26/18 11:48	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-NW5-D0.5

Lab Sample ID: 440-203718-79

Date Collected: 02/19/18 12:26

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 11:50	5

Client Sample ID: AOC1-B81-NW5-D1.5

Lab Sample ID: 440-203718-80

Date Collected: 02/19/18 12:28

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 11:53	5

Client Sample ID: AOC1-B81-NW5-D2.5

Lab Sample ID: 440-203718-81

Date Collected: 02/19/18 12:30

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 11:55	5

Client Sample ID: AOC1-B81-NE5-D0.5

Lab Sample ID: 440-203718-82

Date Collected: 02/19/18 12:32

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 11:57	5

Client Sample ID: AOC1-B81-NE5-D1.5

Lab Sample ID: 440-203718-83

Date Collected: 02/19/18 12:34

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:00	5

Client Sample ID: AOC1-B81-NE5-D2.5

Lab Sample ID: 440-203718-84

Date Collected: 02/19/18 12:36

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.4		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:02	5

Client Sample ID: AOC1-B81-NE10-D0.5

Lab Sample ID: 440-203718-85

Date Collected: 02/19/18 12:38

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:04	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-NE10-D1.5

Lab Sample ID: 440-203718-86

Date Collected: 02/19/18 12:40

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:07	5

Client Sample ID: AOC1-B81-NE10-D2.5

Lab Sample ID: 440-203718-87

Date Collected: 02/19/18 12:42

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:09	5

Client Sample ID: AOC1-B81-SW5-D0.5

Lab Sample ID: 440-203718-88

Date Collected: 02/19/18 12:44

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:18	5

Client Sample ID: AOC1-B81-SW5-D1.5

Lab Sample ID: 440-203718-89

Date Collected: 02/19/18 12:46

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:20	5

Client Sample ID: AOC1-B81-SW5-D2.5

Lab Sample ID: 440-203718-90

Date Collected: 02/19/18 12:48

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:22	5

Client Sample ID: AOC1-B81-SW10-D0.5

Lab Sample ID: 440-203718-91

Date Collected: 02/19/18 12:50

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	33		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:25	5

Client Sample ID: AOC1-B81-SW10-D1.5

Lab Sample ID: 440-203718-92

Date Collected: 02/19/18 12:52

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg	-	02/23/18 11:04	02/26/18 12:27	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-SW10-D2.5

Lab Sample ID: 440-203718-93

Date Collected: 02/19/18 12:54

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg	-	02/23/18 11:08	02/26/18 13:05	5

Client Sample ID: AOC1-B81-SE5-D0.5

Lab Sample ID: 440-203718-94

Date Collected: 02/19/18 12:56

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg	-	02/23/18 11:08	02/26/18 13:07	5

Client Sample ID: AOC1-B81-SE5-D1.5

Lab Sample ID: 440-203718-95

Date Collected: 02/19/18 12:58

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg	-	02/23/18 11:08	02/26/18 13:10	5

Client Sample ID: AOC1-B81-SE5-D2.5

Lab Sample ID: 440-203718-96

Date Collected: 02/19/18 13:00

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		3.0	1.5	mg/Kg	-	02/23/18 11:08	02/26/18 13:17	5

Client Sample ID: AOC1-B81-SE10-D0.5

Lab Sample ID: 440-203718-97

Date Collected: 02/19/18 13:02

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		3.0	1.5	mg/Kg	-	02/23/18 11:08	02/26/18 13:19	5

Client Sample ID: AOC1-B81-SE10-D1.5

Lab Sample ID: 440-203718-98

Date Collected: 02/19/18 13:04

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.0	1.5	mg/Kg	-	02/23/18 11:08	02/26/18 13:22	5

Client Sample ID: AOC1-B81-SE10-D2.5

Lab Sample ID: 440-203718-99

Date Collected: 02/19/18 13:06

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg	-	02/23/18 11:08	02/26/18 13:24	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B112-N5-D0.5

Lab Sample ID: 440-203718-100

Date Collected: 02/19/18 13:08

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:26	5

Client Sample ID: AOC1-B112-N10-D0.5

Lab Sample ID: 440-203718-103

Date Collected: 02/19/18 13:14

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:29	5

Client Sample ID: AOC1-B112-W5-D0.5

Lab Sample ID: 440-203718-106

Date Collected: 02/19/18 13:20

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.2		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:31	5

Client Sample ID: AOC1-B108-S10-D0.5

Lab Sample ID: 440-203718-109

Date Collected: 02/19/18 13:44

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:33	5
Lead	7.4		2.0	1.0	mg/Kg		02/23/18 11:08	02/26/18 13:33	5

Client Sample ID: AOC1-B6-N5-D0.5

Lab Sample ID: 440-203718-112

Date Collected: 02/19/18 13:36

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		2.0	0.99	mg/Kg		02/23/18 11:08	02/26/18 13:36	5

Client Sample ID: AOC1-B6-N10-D0.5

Lab Sample ID: 440-203718-115

Date Collected: 02/19/18 13:30

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.3		2.0	0.99	mg/Kg		02/23/18 12:46	02/26/18 17:21	5

Client Sample ID: AOC1-B6-W5-D0.5

Lab Sample ID: 440-203718-118

Date Collected: 02/19/18 13:40

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.5		2.0	0.99	mg/Kg		02/23/18 12:46	02/26/18 17:23	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B6-W10-D0.5

Lab Sample ID: 440-203718-121

Date Collected: 02/19/18 13:46

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.3		2.0	1.0	mg/Kg		02/23/18 12:46	02/26/18 17:26	5

Client Sample ID: AOC1-B6-S5-D0.5

Lab Sample ID: 440-203718-124

Date Collected: 02/19/18 13:52

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.0		2.0	0.99	mg/Kg		02/23/18 11:08	02/26/18 13:38	5

Client Sample ID: AOC1-B6-S10-D0.5

Lab Sample ID: 440-203718-127

Date Collected: 02/19/18 13:57

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.6		2.0	1.0	mg/Kg		02/23/18 11:08	02/26/18 13:45	5

Client Sample ID: AOC1-B8-S10-D0.5

Lab Sample ID: 440-203718-130

Date Collected: 02/19/18 14:14

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:47	5

Client Sample ID: AOC1-B112-W10-D0.5

Lab Sample ID: 440-203718-133

Date Collected: 02/19/18 13:26

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:50	5

Client Sample ID: AOC1-B112-W5-D0.5-D

Lab Sample ID: 440-203718-136

Date Collected: 02/19/18 13:20

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 12:53	5

Client Sample ID: AOC1-B108-E5-D0.5

Lab Sample ID: 440-203718-137

Date Collected: 02/19/18 13:44

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		3.0	1.5	mg/Kg		02/23/18 12:46	02/26/18 17:28	5
Lead	6.6		2.0	0.99	mg/Kg		02/23/18 12:46	02/26/18 17:28	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B108-S5-D0.5

Lab Sample ID: 440-203718-140

Date Collected: 02/19/18 13:32

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:52	5
Lead	6.0		2.0	0.99	mg/Kg		02/23/18 11:08	02/26/18 13:52	5

Client Sample ID: AOC1-B108-S10-D0.5-D

Lab Sample ID: 440-203718-143

Date Collected: 02/19/18 13:38

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg		02/23/18 12:46	02/26/18 17:04	5
Lead	5.3		2.0	0.99	mg/Kg		02/23/18 12:46	02/26/18 17:04	5

Client Sample ID: AOC1-B8-S10-D0.5-D

Lab Sample ID: 440-203718-144

Date Collected: 02/19/18 14:15

Matrix: Solid

Date Received: 02/19/18 17:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 13:57	5

Method Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: F 021918

Date Collected: 02/19/18 07:30

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	459265	02/22/18 13:51	JL	TAL IRV
Total Recoverable	Analysis	6010B		1			459536	02/23/18 12:02	B1H	TAL IRV

Client Sample ID: AOC1-B22-N5-D0.5

Date Collected: 02/19/18 08:20

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 15:43	K1E	TAL IRV

Client Sample ID: AOC1-B22-N10-D0.5

Date Collected: 02/19/18 08:35

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 15:46	K1E	TAL IRV

Client Sample ID: AOC1-B22-E5-D0.5

Date Collected: 02/19/18 08:50

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459538	02/26/18 09:11	DT	TAL IRV
Total/NA	Analysis	6010B		5			460039	02/26/18 17:33	B1H	TAL IRV

Client Sample ID: AOC1-B22-N10-D0.5-D

Date Collected: 02/19/18 08:35

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 15:32	K1E	TAL IRV

Client Sample ID: AOC1-B100-E5-D0.5-D

Date Collected: 02/19/18 10:50

Date Received: 02/19/18 17:20

Lab Sample ID: 440-203718-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:38	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B22-S5-D0.5

Lab Sample ID: 440-203718-13

Date Collected: 02/19/18 09:05

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 15:48	K1E	TAL IRV

Client Sample ID: AOC1-B22-S10-D0.5

Lab Sample ID: 440-203718-16

Date Collected: 02/19/18 09:20

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 15:56	K1E	TAL IRV

Client Sample ID: AOC1-B100-N5-D0.5

Lab Sample ID: 440-203718-19

Date Collected: 02/19/18 09:35

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 15:59	K1E	TAL IRV

Client Sample ID: AOC1-B100-W5-D0.5

Lab Sample ID: 440-203718-22

Date Collected: 02/19/18 09:50

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:01	K1E	TAL IRV

Client Sample ID: AOC1-B100-W10-D0.5

Lab Sample ID: 440-203718-25

Date Collected: 02/19/18 10:05

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:04	K1E	TAL IRV

Client Sample ID: AOC1-B100-S5-D0.5

Lab Sample ID: 440-203718-28

Date Collected: 02/19/18 10:20

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:06	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B100-S10-D0.5

Lab Sample ID: 440-203718-31

Date Collected: 02/19/18 10:35

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:08	K1E	TAL IRV

Client Sample ID: AOC1-B100-E5-D0.5

Lab Sample ID: 440-203718-34

Date Collected: 02/19/18 10:50

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:11	K1E	TAL IRV

Client Sample ID: AOC1-B100-E10-D0.5

Lab Sample ID: 440-203718-37

Date Collected: 02/19/18 11:05

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:13	K1E	TAL IRV

Client Sample ID: AOC1-B77-NW5-D0.5

Lab Sample ID: 440-203718-40

Date Collected: 02/19/18 11:20

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:15	K1E	TAL IRV

Client Sample ID: AOC1-B77-NW5-D1.5

Lab Sample ID: 440-203718-41

Date Collected: 02/19/18 11:22

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:18	K1E	TAL IRV

Client Sample ID: AOC1-B77-NW5-D2.5

Lab Sample ID: 440-203718-42

Date Collected: 02/19/18 11:24

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:26	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-NW10-D0.5

Lab Sample ID: 440-203718-43

Date Collected: 02/19/18 11:26

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:28	K1E	TAL IRV

Client Sample ID: AOC1-B77-NW10-D1.5

Lab Sample ID: 440-203718-44

Date Collected: 02/19/18 11:28

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:31	K1E	TAL IRV

Client Sample ID: AOC1-B77-NW10-D2.5

Lab Sample ID: 440-203718-45

Date Collected: 02/19/18 11:30

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:33	K1E	TAL IRV

Client Sample ID: AOC1-B77-SW5-D0.5

Lab Sample ID: 440-203718-46

Date Collected: 02/19/18 11:32

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459452	02/23/18 08:51	DT	TAL IRV
Total/NA	Analysis	6010B		5			459695	02/23/18 16:35	K1E	TAL IRV

Client Sample ID: AOC1-B77-SW5-D1.5

Lab Sample ID: 440-203718-47

Date Collected: 02/19/18 11:34

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:17	K1E	TAL IRV

Client Sample ID: AOC1-B77-SW5-D2.5

Lab Sample ID: 440-203718-48

Date Collected: 02/19/18 11:36

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:20	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-SW10-D0.5

Lab Sample ID: 440-203718-49

Date Collected: 02/19/18 11:38

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:22	K1E	TAL IRV

Client Sample ID: AOC1-B77-SW10-D1.5

Lab Sample ID: 440-203718-50

Date Collected: 02/19/18 11:40

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:24	K1E	TAL IRV

Client Sample ID: AOC1-B77-SW10-D2.5

Lab Sample ID: 440-203718-51

Date Collected: 02/19/18 11:42

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:27	K1E	TAL IRV

Client Sample ID: AOC1-B77-SE5-D0.5

Lab Sample ID: 440-203718-52

Date Collected: 02/19/18 11:44

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:29	K1E	TAL IRV

Client Sample ID: AOC1-B77-SE5-D1.5

Lab Sample ID: 440-203718-53

Date Collected: 02/19/18 11:46

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:31	K1E	TAL IRV

Client Sample ID: AOC1-B77-SE5-D2.5

Lab Sample ID: 440-203718-54

Date Collected: 02/19/18 11:48

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:38	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B77-SE10-D0.5

Lab Sample ID: 440-203718-55

Date Collected: 02/19/18 11:50

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:41	K1E	TAL IRV

Client Sample ID: AOC1-B77-SE10-D1.5

Lab Sample ID: 440-203718-56

Date Collected: 02/19/18 11:52

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:43	K1E	TAL IRV

Client Sample ID: AOC1-B77-SE10-D2.5

Lab Sample ID: 440-203718-57

Date Collected: 02/19/18 11:54

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:45	K1E	TAL IRV

Client Sample ID: AOC1-B78-NW5-D0.5

Lab Sample ID: 440-203718-58

Date Collected: 02/19/18 11:56

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:48	K1E	TAL IRV

Client Sample ID: AOC1-B78-NW5-D1.5

Lab Sample ID: 440-203718-59

Date Collected: 02/19/18 11:58

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:50	K1E	TAL IRV

Client Sample ID: AOC1-B77-NW5-D2.5-D

Lab Sample ID: 440-203718-61

Date Collected: 02/19/18 11:24

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:01	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B78-NW10-D0.5-D

Lab Sample ID: 440-203718-62

Date Collected: 02/19/18 12:02

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 22:09	K1E	TAL IRV

Client Sample ID: AOC1-B78-SW10-D0.5-D

Lab Sample ID: 440-203718-63

Date Collected: 02/19/18 12:14

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:09	B1H	TAL IRV

Client Sample ID: AOC1-B78-SE5-D1.5-D

Lab Sample ID: 440-203718-64

Date Collected: 02/19/18 12:22

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:30	B1H	TAL IRV

Client Sample ID: AOC1-B78-NW10-D0.5

Lab Sample ID: 440-203718-65

Date Collected: 02/19/18 12:02

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:53	K1E	TAL IRV

Client Sample ID: AOC1-B78-NW10-D1.5

Lab Sample ID: 440-203718-66

Date Collected: 02/19/18 12:04

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:55	K1E	TAL IRV

Client Sample ID: AOC1-B78-SW5-D0.5

Lab Sample ID: 440-203718-68

Date Collected: 02/19/18 12:08

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 21:57	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B78-SW5-D1.5

Lab Sample ID: 440-203718-69

Date Collected: 02/19/18 12:10

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 22:00	K1E	TAL IRV

Client Sample ID: AOC1-B81-SW5-D1.5

Lab Sample ID: 440-203718-71

Date Collected: 02/19/18 12:46

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459453	02/23/18 08:53	DT	TAL IRV
Total/NA	Analysis	6010B		5			459698	02/23/18 22:07	K1E	TAL IRV

Client Sample ID: AOC1-B81-NW5-D1.5-D

Lab Sample ID: 440-203718-72

Date Collected: 02/19/18 12:26

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:21	B1H	TAL IRV

Client Sample ID: AOC1-B78-SW10-D0.5

Lab Sample ID: 440-203718-73

Date Collected: 02/19/18 12:14

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:23	B1H	TAL IRV

Client Sample ID: AOC1-B78-SW10-D1.5

Lab Sample ID: 440-203718-74

Date Collected: 02/19/18 12:16

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:54	B1H	TAL IRV

Client Sample ID: AOC1-B78-SE5-D0.5

Lab Sample ID: 440-203718-76

Date Collected: 02/19/18 12:20

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:26	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B78-SE5-D1.5

Lab Sample ID: 440-203718-77

Date Collected: 02/19/18 12:22

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:48	B1H	TAL IRV

Client Sample ID: AOC1-B81-NW5-D0.5

Lab Sample ID: 440-203718-79

Date Collected: 02/19/18 12:26

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:50	B1H	TAL IRV

Client Sample ID: AOC1-B81-NW5-D1.5

Lab Sample ID: 440-203718-80

Date Collected: 02/19/18 12:28

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:53	B1H	TAL IRV

Client Sample ID: AOC1-B81-NW5-D2.5

Lab Sample ID: 440-203718-81

Date Collected: 02/19/18 12:30

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:55	B1H	TAL IRV

Client Sample ID: AOC1-B81-NE5-D0.5

Lab Sample ID: 440-203718-82

Date Collected: 02/19/18 12:32

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 11:57	B1H	TAL IRV

Client Sample ID: AOC1-B81-NE5-D1.5

Lab Sample ID: 440-203718-83

Date Collected: 02/19/18 12:34

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:00	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-NE5-D2.5

Lab Sample ID: 440-203718-84

Date Collected: 02/19/18 12:36

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:02	B1H	TAL IRV

Client Sample ID: AOC1-B81-NE10-D0.5

Lab Sample ID: 440-203718-85

Date Collected: 02/19/18 12:38

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:04	B1H	TAL IRV

Client Sample ID: AOC1-B81-NE10-D1.5

Lab Sample ID: 440-203718-86

Date Collected: 02/19/18 12:40

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:07	B1H	TAL IRV

Client Sample ID: AOC1-B81-NE10-D2.5

Lab Sample ID: 440-203718-87

Date Collected: 02/19/18 12:42

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:09	B1H	TAL IRV

Client Sample ID: AOC1-B81-SW5-D0.5

Lab Sample ID: 440-203718-88

Date Collected: 02/19/18 12:44

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:18	B1H	TAL IRV

Client Sample ID: AOC1-B81-SW5-D1.5

Lab Sample ID: 440-203718-89

Date Collected: 02/19/18 12:46

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:20	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-SW5-D2.5

Lab Sample ID: 440-203718-90

Date Collected: 02/19/18 12:48

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:22	B1H	TAL IRV

Client Sample ID: AOC1-B81-SW10-D0.5

Lab Sample ID: 440-203718-91

Date Collected: 02/19/18 12:50

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:25	B1H	TAL IRV

Client Sample ID: AOC1-B81-SW10-D1.5

Lab Sample ID: 440-203718-92

Date Collected: 02/19/18 12:52

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459485	02/23/18 11:04	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459945	02/26/18 12:27	B1H	TAL IRV

Client Sample ID: AOC1-B81-SW10-D2.5

Lab Sample ID: 440-203718-93

Date Collected: 02/19/18 12:54

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:05	B1H	TAL IRV

Client Sample ID: AOC1-B81-SE5-D0.5

Lab Sample ID: 440-203718-94

Date Collected: 02/19/18 12:56

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:07	B1H	TAL IRV

Client Sample ID: AOC1-B81-SE5-D1.5

Lab Sample ID: 440-203718-95

Date Collected: 02/19/18 12:58

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:10	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B81-SE5-D2.5

Lab Sample ID: 440-203718-96

Date Collected: 02/19/18 13:00

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:17	B1H	TAL IRV

Client Sample ID: AOC1-B81-SE10-D0.5

Lab Sample ID: 440-203718-97

Date Collected: 02/19/18 13:02

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:19	B1H	TAL IRV

Client Sample ID: AOC1-B81-SE10-D1.5

Lab Sample ID: 440-203718-98

Date Collected: 02/19/18 13:04

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:22	B1H	TAL IRV

Client Sample ID: AOC1-B81-SE10-D2.5

Lab Sample ID: 440-203718-99

Date Collected: 02/19/18 13:06

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:24	B1H	TAL IRV

Client Sample ID: AOC1-B112-N5-D0.5

Lab Sample ID: 440-203718-100

Date Collected: 02/19/18 13:08

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:26	B1H	TAL IRV

Client Sample ID: AOC1-B112-N10-D0.5

Lab Sample ID: 440-203718-103

Date Collected: 02/19/18 13:14

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:29	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B112-W5-D0.5

Lab Sample ID: 440-203718-106

Date Collected: 02/19/18 13:20

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:31	B1H	TAL IRV

Client Sample ID: AOC1-B108-S10-D0.5

Lab Sample ID: 440-203718-109

Date Collected: 02/19/18 13:44

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:33	B1H	TAL IRV

Client Sample ID: AOC1-B6-N5-D0.5

Lab Sample ID: 440-203718-112

Date Collected: 02/19/18 13:36

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:36	B1H	TAL IRV

Client Sample ID: AOC1-B6-N10-D0.5

Lab Sample ID: 440-203718-115

Date Collected: 02/19/18 13:30

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459538	02/23/18 12:46	DT	TAL IRV
Total/NA	Analysis	6010B		5			460039	02/26/18 17:21	B1H	TAL IRV

Client Sample ID: AOC1-B6-W5-D0.5

Lab Sample ID: 440-203718-118

Date Collected: 02/19/18 13:40

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459538	02/23/18 12:46	DT	TAL IRV
Total/NA	Analysis	6010B		5			460039	02/26/18 17:23	B1H	TAL IRV

Client Sample ID: AOC1-B6-W10-D0.5

Lab Sample ID: 440-203718-121

Date Collected: 02/19/18 13:46

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459538	02/23/18 12:46	DT	TAL IRV
Total/NA	Analysis	6010B		5			460039	02/26/18 17:26	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B6-S5-D0.5

Lab Sample ID: 440-203718-124

Date Collected: 02/19/18 13:52

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:38	B1H	TAL IRV

Client Sample ID: AOC1-B6-S10-D0.5

Lab Sample ID: 440-203718-127

Date Collected: 02/19/18 13:57

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:45	B1H	TAL IRV

Client Sample ID: AOC1-B8-S10-D0.5

Lab Sample ID: 440-203718-130

Date Collected: 02/19/18 14:14

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:47	B1H	TAL IRV

Client Sample ID: AOC1-B112-W10-D0.5

Lab Sample ID: 440-203718-133

Date Collected: 02/19/18 13:26

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:50	B1H	TAL IRV

Client Sample ID: AOC1-B112-W5-D0.5-D

Lab Sample ID: 440-203718-136

Date Collected: 02/19/18 13:20

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 12:53	B1H	TAL IRV

Client Sample ID: AOC1-B108-E5-D0.5

Lab Sample ID: 440-203718-137

Date Collected: 02/19/18 13:44

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459538	02/23/18 12:46	DT	TAL IRV
Total/NA	Analysis	6010B		5			460039	02/26/18 17:28	B1H	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Client Sample ID: AOC1-B108-S5-D0.5

Lab Sample ID: 440-203718-140

Date Collected: 02/19/18 13:32

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:52	B1H	TAL IRV

Client Sample ID: AOC1-B108-S10-D0.5-D

Lab Sample ID: 440-203718-143

Date Collected: 02/19/18 13:38

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	459538	02/23/18 12:46	DT	TAL IRV
Total/NA	Analysis	6010B		5			460039	02/26/18 17:04	B1H	TAL IRV

Client Sample ID: AOC1-B8-S10-D0.5-D

Lab Sample ID: 440-203718-144

Date Collected: 02/19/18 14:15

Matrix: Solid

Date Received: 02/19/18 17:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	459487	02/23/18 11:08	CDH	TAL IRV
Total/NA	Analysis	6010B		5			459958	02/26/18 13:57	B1H	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-459452/1-A ^5

Matrix: Solid

Analysis Batch: 459695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 459452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/23/18 08:51	02/23/18 15:27	5
Lead	ND		2.0	0.99	mg/Kg		02/23/18 08:51	02/23/18 15:27	5

Lab Sample ID: LCS 440-459452/2-A ^5

Matrix: Solid

Analysis Batch: 459695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 459452

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	52.8		mg/Kg		106	80 - 120
Lead	49.8	52.9		mg/Kg		106	80 - 120

Lab Sample ID: 440-203718-11 MS

Matrix: Solid

Analysis Batch: 459695

Client Sample ID: AOC1-B22-N10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459452

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	6.9		49.5	57.3		mg/Kg		102	75 - 125

Lab Sample ID: 440-203718-11 MSD

Matrix: Solid

Analysis Batch: 459695

Client Sample ID: AOC1-B22-N10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459452

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	6.9		50.0	59.2		mg/Kg		105	75 - 125	3	20

Lab Sample ID: 440-203718-12 MS

Matrix: Solid

Analysis Batch: 459695

Client Sample ID: AOC1-B100-E5-D0.5-D

Prep Type: Total/NA

Prep Batch: 459452

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	13		49.5	62.5		mg/Kg		100	75 - 125

Lab Sample ID: 440-203718-12 MSD

Matrix: Solid

Analysis Batch: 459695

Client Sample ID: AOC1-B100-E5-D0.5-D

Prep Type: Total/NA

Prep Batch: 459452

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	13		49.3	62.9		mg/Kg		101	75 - 125	1	20

Lab Sample ID: MB 440-459453/1-A ^5

Matrix: Solid

Analysis Batch: 459698

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 459453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/23/18 08:53	02/23/18 20:56	5

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

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

Lab Sample ID: LCS 440-459453/2-A ^5

Matrix: Solid

Analysis Batch: 459698

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 459453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	48.6		mg/Kg		98	80 - 120

Lab Sample ID: 440-203718-61 MS

Matrix: Solid

Analysis Batch: 459698

Client Sample ID: AOC1-B77-NW5-D2.5-D

Prep Type: Total/NA

Prep Batch: 459453

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	9.4		49.3	53.8		mg/Kg		90	75 - 125

Lab Sample ID: 440-203718-61 MSD

Matrix: Solid

Analysis Batch: 459698

Client Sample ID: AOC1-B77-NW5-D2.5-D

Prep Type: Total/NA

Prep Batch: 459453

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	9.4		49.8	53.7		mg/Kg		89	75 - 125	0	20

Lab Sample ID: 440-203718-62 MS

Matrix: Solid

Analysis Batch: 459698

Client Sample ID: AOC1-B78-NW10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459453

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	22		49.5	68.3		mg/Kg		94	75 - 125

Lab Sample ID: 440-203718-62 MSD

Matrix: Solid

Analysis Batch: 459698

Client Sample ID: AOC1-B78-NW10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459453

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	22		49.5	63.5		mg/Kg		84	75 - 125	7	20

Lab Sample ID: MB 440-459485/1-A ^5

Matrix: Solid

Analysis Batch: 459945

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 459485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/23/18 11:04	02/26/18 11:05	5

Lab Sample ID: LCS 440-459485/2-A ^5

Matrix: Solid

Analysis Batch: 459945

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 459485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.3	47.5		mg/Kg		96	80 - 120

Lab Sample ID: 440-203718-63 MS

Matrix: Solid

Analysis Batch: 459945

Client Sample ID: AOC1-B78-SW10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459485

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	7.3		50.0	54.3		mg/Kg		94	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Lab Sample ID: 440-203718-63 MSD

Matrix: Solid

Analysis Batch: 459945

Client Sample ID: AOC1-B78-SW10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459485

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	7.3		49.8	54.3		mg/Kg		94	75 - 125	0	20

Lab Sample ID: 440-203718-64 MS

Matrix: Solid

Analysis Batch: 459945

Client Sample ID: AOC1-B78-SE5-D1.5-D

Prep Type: Total/NA

Prep Batch: 459485

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	8.6		49.5	48.9		mg/Kg		82	75 - 125		

Lab Sample ID: 440-203718-64 MSD

Matrix: Solid

Analysis Batch: 459945

Client Sample ID: AOC1-B78-SE5-D1.5-D

Prep Type: Total/NA

Prep Batch: 459485

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	8.6		49.8	50.7		mg/Kg		85	75 - 125	4	20

Lab Sample ID: MB 440-459487/1-A ^5

Matrix: Solid

Analysis Batch: 459958

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 459487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/23/18 11:08	02/26/18 12:49	5
Lead	ND		2.0	0.99	mg/Kg		02/23/18 11:08	02/26/18 12:49	5

Lab Sample ID: LCS 440-459487/2-A ^5

Matrix: Solid

Analysis Batch: 459958

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 459487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	49.8	48.3		mg/Kg		97	80 - 120		
Lead	49.8	48.8		mg/Kg		98	80 - 120		

Lab Sample ID: 440-203718-136 MS

Matrix: Solid

Analysis Batch: 459958

Client Sample ID: AOC1-B112-W5-D0.5-D

Prep Type: Total/NA

Prep Batch: 459487

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	8.4		49.3	54.9		mg/Kg		94	75 - 125		

Lab Sample ID: 440-203718-136 MSD

Matrix: Solid

Analysis Batch: 459958

Client Sample ID: AOC1-B112-W5-D0.5-D

Prep Type: Total/NA

Prep Batch: 459487

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	8.4		49.8	57.0		mg/Kg		98	75 - 125	4	20

Lab Sample ID: 440-203718-144 MS

Matrix: Solid

Analysis Batch: 459958

Client Sample ID: AOC1-B8-S10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459487

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	17		49.8	66.4		mg/Kg		99	75 - 125		

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Lab Sample ID: 440-203718-144 MSD

Matrix: Solid

Analysis Batch: 459958

Client Sample ID: AOC1-B8-S10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459487

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	17		49.5	62.6		mg/Kg		92	75 - 125	6	20

Lab Sample ID: MB 440-459538/1-A ^5

Matrix: Solid

Analysis Batch: 460039

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 459538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/23/18 12:46	02/26/18 16:59	5
Lead	ND		2.0	0.99	mg/Kg		02/23/18 12:46	02/26/18 16:59	5

Lab Sample ID: LCS 440-459538/2-A ^5

Matrix: Solid

Analysis Batch: 460039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 459538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	45.1		mg/Kg		91	80 - 120
Lead	49.8	45.0		mg/Kg		90	80 - 120

Lab Sample ID: 440-203718-143 MS

Matrix: Solid

Analysis Batch: 460039

Client Sample ID: AOC1-B108-S10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459538

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.8		49.5	53.4		mg/Kg		96	75 - 125
Lead	5.3		49.5	50.1		mg/Kg		91	75 - 125

Lab Sample ID: 440-203718-143 MSD

Matrix: Solid

Analysis Batch: 460039

Client Sample ID: AOC1-B108-S10-D0.5-D

Prep Type: Total/NA

Prep Batch: 459538

Analyte	Sample Result	Sample Qualifier	Spike Added	FD Result	FD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	5.8		49.8	50.1		mg/Kg		89	75 - 125	6	20
Lead	5.3		49.8	47.7		mg/Kg		85	75 - 125	5	20

Lab Sample ID: MB 440-459265/1-A

Matrix: Water

Analysis Batch: 459536

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 459265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		02/22/18 13:51	02/23/18 11:57	1
Lead	ND		0.0050	0.0038	mg/L		02/22/18 13:51	02/23/18 11:57	1

Lab Sample ID: LCS 440-459265/2-A

Matrix: Water

Analysis Batch: 459536

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 459265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.03		mg/L		103	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

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

Lab Sample ID: 440-203718-1 MS

Matrix: Water

Analysis Batch: 459536

Client Sample ID: F 021918

Prep Type: Total Recoverable

Prep Batch: 459265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125
Lead	ND		1.00	1.00		mg/L		100	75 - 125

Lab Sample ID: 440-203718-1 MSD

Matrix: Water

Analysis Batch: 459536

Client Sample ID: F 021918

Prep Type: Total Recoverable

Prep Batch: 459265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125	4	20
Lead	ND		1.00	1.04		mg/L		104	75 - 125	4	20

QC Association Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Metals

Prep Batch: 459265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-1	F 021918	Total Recoverable	Water	3005A	
MB 440-459265/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-459265/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-203718-1 MS	F 021918	Total Recoverable	Water	3005A	
440-203718-1 MSD	F 021918	Total Recoverable	Water	3005A	

Prep Batch: 459452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-2	AOC1-B22-N5-D0.5	Total/NA	Solid	3050B	
440-203718-5	AOC1-B22-N10-D0.5	Total/NA	Solid	3050B	
440-203718-11	AOC1-B22-N10-D0.5-D	Total/NA	Solid	3050B	
440-203718-12	AOC1-B100-E5-D0.5-D	Total/NA	Solid	3050B	
440-203718-13	AOC1-B22-S5-D0.5	Total/NA	Solid	3050B	
440-203718-16	AOC1-B22-S10-D0.5	Total/NA	Solid	3050B	
440-203718-19	AOC1-B100-N5-D0.5	Total/NA	Solid	3050B	
440-203718-22	AOC1-B100-W5-D0.5	Total/NA	Solid	3050B	
440-203718-25	AOC1-B100-W10-D0.5	Total/NA	Solid	3050B	
440-203718-28	AOC1-B100-S5-D0.5	Total/NA	Solid	3050B	
440-203718-31	AOC1-B100-S10-D0.5	Total/NA	Solid	3050B	
440-203718-34	AOC1-B100-E5-D0.5	Total/NA	Solid	3050B	
440-203718-37	AOC1-B100-E10-D0.5	Total/NA	Solid	3050B	
440-203718-40	AOC1-B77-NW5-D0.5	Total/NA	Solid	3050B	
440-203718-41	AOC1-B77-NW5-D1.5	Total/NA	Solid	3050B	
440-203718-42	AOC1-B77-NW5-D2.5	Total/NA	Solid	3050B	
440-203718-43	AOC1-B77-NW10-D0.5	Total/NA	Solid	3050B	
440-203718-44	AOC1-B77-NW10-D1.5	Total/NA	Solid	3050B	
440-203718-45	AOC1-B77-NW10-D2.5	Total/NA	Solid	3050B	
440-203718-46	AOC1-B77-SW5-D0.5	Total/NA	Solid	3050B	
MB 440-459452/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-459452/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-203718-11 MS	AOC1-B22-N10-D0.5-D	Total/NA	Solid	3050B	
440-203718-11 MSD	AOC1-B22-N10-D0.5-D	Total/NA	Solid	3050B	
440-203718-12 MS	AOC1-B100-E5-D0.5-D	Total/NA	Solid	3050B	
440-203718-12 MSD	AOC1-B100-E5-D0.5-D	Total/NA	Solid	3050B	

Prep Batch: 459453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-47	AOC1-B77-SW5-D1.5	Total/NA	Solid	3050B	
440-203718-48	AOC1-B77-SW5-D2.5	Total/NA	Solid	3050B	
440-203718-49	AOC1-B77-SW10-D0.5	Total/NA	Solid	3050B	
440-203718-50	AOC1-B77-SW10-D1.5	Total/NA	Solid	3050B	
440-203718-51	AOC1-B77-SW10-D2.5	Total/NA	Solid	3050B	
440-203718-52	AOC1-B77-SE5-D0.5	Total/NA	Solid	3050B	
440-203718-53	AOC1-B77-SE5-D1.5	Total/NA	Solid	3050B	
440-203718-54	AOC1-B77-SE5-D2.5	Total/NA	Solid	3050B	
440-203718-55	AOC1-B77-SE10-D0.5	Total/NA	Solid	3050B	
440-203718-56	AOC1-B77-SE10-D1.5	Total/NA	Solid	3050B	
440-203718-57	AOC1-B77-SE10-D2.5	Total/NA	Solid	3050B	
440-203718-58	AOC1-B78-NW5-D0.5	Total/NA	Solid	3050B	
440-203718-59	AOC1-B78-NW5-D1.5	Total/NA	Solid	3050B	
440-203718-61	AOC1-B77-NW5-D2.5-D	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Metals (Continued)

Prep Batch: 459453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-62	AOC1-B78-NW10-D0.5-D	Total/NA	Solid	3050B	
440-203718-65	AOC1-B78-NW10-D0.5	Total/NA	Solid	3050B	
440-203718-66	AOC1-B78-NW10-D1.5	Total/NA	Solid	3050B	
440-203718-68	AOC1-B78-SW5-D0.5	Total/NA	Solid	3050B	
440-203718-69	AOC1-B78-SW5-D1.5	Total/NA	Solid	3050B	
440-203718-71	AOC1-B81-SW5-D1.5	Total/NA	Solid	3050B	
MB 440-459453/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-459453/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-203718-61 MS	AOC1-B77-NW5-D2.5-D	Total/NA	Solid	3050B	
440-203718-61 MSD	AOC1-B77-NW5-D2.5-D	Total/NA	Solid	3050B	
440-203718-62 MS	AOC1-B78-NW10-D0.5-D	Total/NA	Solid	3050B	
440-203718-62 MSD	AOC1-B78-NW10-D0.5-D	Total/NA	Solid	3050B	

Prep Batch: 459485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-63	AOC1-B78-SW10-D0.5-D	Total/NA	Solid	3050B	
440-203718-64	AOC1-B78-SE5-D1.5-D	Total/NA	Solid	3050B	
440-203718-72	AOC1-B81-NW5-D1.5-D	Total/NA	Solid	3050B	
440-203718-73	AOC1-B78-SW10-D0.5	Total/NA	Solid	3050B	
440-203718-76	AOC1-B78-SE5-D0.5	Total/NA	Solid	3050B	
440-203718-77	AOC1-B78-SE5-D1.5	Total/NA	Solid	3050B	
440-203718-79	AOC1-B81-NW5-D0.5	Total/NA	Solid	3050B	
440-203718-80	AOC1-B81-NW5-D1.5	Total/NA	Solid	3050B	
440-203718-81	AOC1-B81-NW5-D2.5	Total/NA	Solid	3050B	
440-203718-82	AOC1-B81-NE5-D0.5	Total/NA	Solid	3050B	
440-203718-83	AOC1-B81-NE5-D1.5	Total/NA	Solid	3050B	
440-203718-84	AOC1-B81-NE5-D2.5	Total/NA	Solid	3050B	
440-203718-85	AOC1-B81-NE10-D0.5	Total/NA	Solid	3050B	
440-203718-86	AOC1-B81-NE10-D1.5	Total/NA	Solid	3050B	
440-203718-87	AOC1-B81-NE10-D2.5	Total/NA	Solid	3050B	
440-203718-88	AOC1-B81-SW5-D0.5	Total/NA	Solid	3050B	
440-203718-89	AOC1-B81-SW5-D1.5	Total/NA	Solid	3050B	
440-203718-90	AOC1-B81-SW5-D2.5	Total/NA	Solid	3050B	
440-203718-91	AOC1-B81-SW10-D0.5	Total/NA	Solid	3050B	
440-203718-92	AOC1-B81-SW10-D1.5	Total/NA	Solid	3050B	
MB 440-459485/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-459485/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-203718-63 MS	AOC1-B78-SW10-D0.5-D	Total/NA	Solid	3050B	
440-203718-63 MSD	AOC1-B78-SW10-D0.5-D	Total/NA	Solid	3050B	
440-203718-64 MS	AOC1-B78-SE5-D1.5-D	Total/NA	Solid	3050B	
440-203718-64 MSD	AOC1-B78-SE5-D1.5-D	Total/NA	Solid	3050B	

Prep Batch: 459487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-74	AOC1-B78-SW10-D1.5	Total/NA	Solid	3050B	
440-203718-93	AOC1-B81-SW10-D2.5	Total/NA	Solid	3050B	
440-203718-94	AOC1-B81-SE5-D0.5	Total/NA	Solid	3050B	
440-203718-95	AOC1-B81-SE5-D1.5	Total/NA	Solid	3050B	
440-203718-96	AOC1-B81-SE5-D2.5	Total/NA	Solid	3050B	
440-203718-97	AOC1-B81-SE10-D0.5	Total/NA	Solid	3050B	
440-203718-98	AOC1-B81-SE10-D1.5	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Metals (Continued)

Prep Batch: 459487 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-99	AOC1-B81-SE10-D2.5	Total/NA	Solid	3050B	
440-203718-100	AOC1-B112-N5-D0.5	Total/NA	Solid	3050B	
440-203718-103	AOC1-B112-N10-D0.5	Total/NA	Solid	3050B	
440-203718-106	AOC1-B112-W5-D0.5	Total/NA	Solid	3050B	
440-203718-109	AOC1-B108-S10-D0.5	Total/NA	Solid	3050B	
440-203718-112	AOC1-B6-N5-D0.5	Total/NA	Solid	3050B	
440-203718-124	AOC1-B6-S5-D0.5	Total/NA	Solid	3050B	
440-203718-127	AOC1-B6-S10-D0.5	Total/NA	Solid	3050B	
440-203718-130	AOC1-B8-S10-D0.5	Total/NA	Solid	3050B	
440-203718-133	AOC1-B112-W10-D0.5	Total/NA	Solid	3050B	
440-203718-136	AOC1-B112-W5-D0.5-D	Total/NA	Solid	3050B	
440-203718-140	AOC1-B108-S5-D0.5	Total/NA	Solid	3050B	
440-203718-144	AOC1-B8-S10-D0.5-D	Total/NA	Solid	3050B	
MB 440-459487/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-459487/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-203718-136 MS	AOC1-B112-W5-D0.5-D	Total/NA	Solid	3050B	
440-203718-136 MSD	AOC1-B112-W5-D0.5-D	Total/NA	Solid	3050B	
440-203718-144 MS	AOC1-B8-S10-D0.5-D	Total/NA	Solid	3050B	
440-203718-144 MSD	AOC1-B8-S10-D0.5-D	Total/NA	Solid	3050B	

Analysis Batch: 459536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-1	F 021918	Total Recoverable	Water	6010B	459265
MB 440-459265/1-A	Method Blank	Total Recoverable	Water	6010B	459265
LCS 440-459265/2-A	Lab Control Sample	Total Recoverable	Water	6010B	459265
440-203718-1 MS	F 021918	Total Recoverable	Water	6010B	459265
440-203718-1 MSD	F 021918	Total Recoverable	Water	6010B	459265

Prep Batch: 459538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-8	AOC1-B22-E5-D0.5	Total/NA	Solid	3050B	
440-203718-115	AOC1-B6-N10-D0.5	Total/NA	Solid	3050B	
440-203718-118	AOC1-B6-W5-D0.5	Total/NA	Solid	3050B	
440-203718-121	AOC1-B6-W10-D0.5	Total/NA	Solid	3050B	
440-203718-137	AOC1-B108-E5-D0.5	Total/NA	Solid	3050B	
440-203718-143	AOC1-B108-S10-D0.5-D	Total/NA	Solid	3050B	
MB 440-459538/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-459538/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-203718-143 MS	AOC1-B108-S10-D0.5-D	Total/NA	Solid	3050B	
440-203718-143 MSD	AOC1-B108-S10-D0.5-D	Total/NA	Solid	3050B	

Analysis Batch: 459695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-2	AOC1-B22-N5-D0.5	Total/NA	Solid	6010B	459452
440-203718-5	AOC1-B22-N10-D0.5	Total/NA	Solid	6010B	459452
440-203718-11	AOC1-B22-N10-D0.5-D	Total/NA	Solid	6010B	459452
440-203718-12	AOC1-B100-E5-D0.5-D	Total/NA	Solid	6010B	459452
440-203718-13	AOC1-B22-S5-D0.5	Total/NA	Solid	6010B	459452
440-203718-16	AOC1-B22-S10-D0.5	Total/NA	Solid	6010B	459452
440-203718-19	AOC1-B100-N5-D0.5	Total/NA	Solid	6010B	459452
440-203718-22	AOC1-B100-W5-D0.5	Total/NA	Solid	6010B	459452

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Metals (Continued)

Analysis Batch: 459695 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-25	AOC1-B100-W10-D0.5	Total/NA	Solid	6010B	459452
440-203718-28	AOC1-B100-S5-D0.5	Total/NA	Solid	6010B	459452
440-203718-31	AOC1-B100-S10-D0.5	Total/NA	Solid	6010B	459452
440-203718-34	AOC1-B100-E5-D0.5	Total/NA	Solid	6010B	459452
440-203718-37	AOC1-B100-E10-D0.5	Total/NA	Solid	6010B	459452
440-203718-40	AOC1-B77-NW5-D0.5	Total/NA	Solid	6010B	459452
440-203718-41	AOC1-B77-NW5-D1.5	Total/NA	Solid	6010B	459452
440-203718-42	AOC1-B77-NW5-D2.5	Total/NA	Solid	6010B	459452
440-203718-43	AOC1-B77-NW10-D0.5	Total/NA	Solid	6010B	459452
440-203718-44	AOC1-B77-NW10-D1.5	Total/NA	Solid	6010B	459452
440-203718-45	AOC1-B77-NW10-D2.5	Total/NA	Solid	6010B	459452
440-203718-46	AOC1-B77-SW5-D0.5	Total/NA	Solid	6010B	459452
MB 440-459452/1-A ^5	Method Blank	Total/NA	Solid	6010B	459452
LCS 440-459452/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	459452
440-203718-11 MS	AOC1-B22-N10-D0.5-D	Total/NA	Solid	6010B	459452
440-203718-11 MSD	AOC1-B22-N10-D0.5-D	Total/NA	Solid	6010B	459452
440-203718-12 MS	AOC1-B100-E5-D0.5-D	Total/NA	Solid	6010B	459452
440-203718-12 MSD	AOC1-B100-E5-D0.5-D	Total/NA	Solid	6010B	459452

Analysis Batch: 459698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-47	AOC1-B77-SW5-D1.5	Total/NA	Solid	6010B	459453
440-203718-48	AOC1-B77-SW5-D2.5	Total/NA	Solid	6010B	459453
440-203718-49	AOC1-B77-SW10-D0.5	Total/NA	Solid	6010B	459453
440-203718-50	AOC1-B77-SW10-D1.5	Total/NA	Solid	6010B	459453
440-203718-51	AOC1-B77-SW10-D2.5	Total/NA	Solid	6010B	459453
440-203718-52	AOC1-B77-SE5-D0.5	Total/NA	Solid	6010B	459453
440-203718-53	AOC1-B77-SE5-D1.5	Total/NA	Solid	6010B	459453
440-203718-54	AOC1-B77-SE5-D2.5	Total/NA	Solid	6010B	459453
440-203718-55	AOC1-B77-SE10-D0.5	Total/NA	Solid	6010B	459453
440-203718-56	AOC1-B77-SE10-D1.5	Total/NA	Solid	6010B	459453
440-203718-57	AOC1-B77-SE10-D2.5	Total/NA	Solid	6010B	459453
440-203718-58	AOC1-B78-NW5-D0.5	Total/NA	Solid	6010B	459453
440-203718-59	AOC1-B78-NW5-D1.5	Total/NA	Solid	6010B	459453
440-203718-61	AOC1-B77-NW5-D2.5-D	Total/NA	Solid	6010B	459453
440-203718-62	AOC1-B78-NW10-D0.5-D	Total/NA	Solid	6010B	459453
440-203718-65	AOC1-B78-NW10-D0.5	Total/NA	Solid	6010B	459453
440-203718-66	AOC1-B78-NW10-D1.5	Total/NA	Solid	6010B	459453
440-203718-68	AOC1-B78-SW5-D0.5	Total/NA	Solid	6010B	459453
440-203718-69	AOC1-B78-SW5-D1.5	Total/NA	Solid	6010B	459453
440-203718-71	AOC1-B81-SW5-D1.5	Total/NA	Solid	6010B	459453
MB 440-459453/1-A ^5	Method Blank	Total/NA	Solid	6010B	459453
LCS 440-459453/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	459453
440-203718-61 MS	AOC1-B77-NW5-D2.5-D	Total/NA	Solid	6010B	459453
440-203718-61 MSD	AOC1-B77-NW5-D2.5-D	Total/NA	Solid	6010B	459453
440-203718-62 MS	AOC1-B78-NW10-D0.5-D	Total/NA	Solid	6010B	459453
440-203718-62 MSD	AOC1-B78-NW10-D0.5-D	Total/NA	Solid	6010B	459453

Analysis Batch: 459945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-63	AOC1-B78-SW10-D0.5-D	Total/NA	Solid	6010B	459485

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Metals (Continued)

Analysis Batch: 459945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-64	AOC1-B78-SE5-D1.5-D	Total/NA	Solid	6010B	459485
440-203718-72	AOC1-B81-NW5-D1.5-D	Total/NA	Solid	6010B	459485
440-203718-73	AOC1-B78-SW10-D0.5	Total/NA	Solid	6010B	459485
440-203718-76	AOC1-B78-SE5-D0.5	Total/NA	Solid	6010B	459485
440-203718-77	AOC1-B78-SE5-D1.5	Total/NA	Solid	6010B	459485
440-203718-79	AOC1-B81-NW5-D0.5	Total/NA	Solid	6010B	459485
440-203718-80	AOC1-B81-NW5-D1.5	Total/NA	Solid	6010B	459485
440-203718-81	AOC1-B81-NW5-D2.5	Total/NA	Solid	6010B	459485
440-203718-82	AOC1-B81-NE5-D0.5	Total/NA	Solid	6010B	459485
440-203718-83	AOC1-B81-NE5-D1.5	Total/NA	Solid	6010B	459485
440-203718-84	AOC1-B81-NE5-D2.5	Total/NA	Solid	6010B	459485
440-203718-85	AOC1-B81-NE10-D0.5	Total/NA	Solid	6010B	459485
440-203718-86	AOC1-B81-NE10-D1.5	Total/NA	Solid	6010B	459485
440-203718-87	AOC1-B81-NE10-D2.5	Total/NA	Solid	6010B	459485
440-203718-88	AOC1-B81-SW5-D0.5	Total/NA	Solid	6010B	459485
440-203718-89	AOC1-B81-SW5-D1.5	Total/NA	Solid	6010B	459485
440-203718-90	AOC1-B81-SW5-D2.5	Total/NA	Solid	6010B	459485
440-203718-91	AOC1-B81-SW10-D0.5	Total/NA	Solid	6010B	459485
440-203718-92	AOC1-B81-SW10-D1.5	Total/NA	Solid	6010B	459485
MB 440-459485/1-A ^5	Method Blank	Total/NA	Solid	6010B	459485
LCS 440-459485/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	459485
440-203718-63 MS	AOC1-B78-SW10-D0.5-D	Total/NA	Solid	6010B	459485
440-203718-63 MSD	AOC1-B78-SW10-D0.5-D	Total/NA	Solid	6010B	459485
440-203718-64 MS	AOC1-B78-SE5-D1.5-D	Total/NA	Solid	6010B	459485
440-203718-64 MSD	AOC1-B78-SE5-D1.5-D	Total/NA	Solid	6010B	459485

Analysis Batch: 459958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-74	AOC1-B78-SW10-D1.5	Total/NA	Solid	6010B	459487
440-203718-93	AOC1-B81-SW10-D2.5	Total/NA	Solid	6010B	459487
440-203718-94	AOC1-B81-SE5-D0.5	Total/NA	Solid	6010B	459487
440-203718-95	AOC1-B81-SE5-D1.5	Total/NA	Solid	6010B	459487
440-203718-96	AOC1-B81-SE5-D2.5	Total/NA	Solid	6010B	459487
440-203718-97	AOC1-B81-SE10-D0.5	Total/NA	Solid	6010B	459487
440-203718-98	AOC1-B81-SE10-D1.5	Total/NA	Solid	6010B	459487
440-203718-99	AOC1-B81-SE10-D2.5	Total/NA	Solid	6010B	459487
440-203718-100	AOC1-B112-N5-D0.5	Total/NA	Solid	6010B	459487
440-203718-103	AOC1-B112-N10-D0.5	Total/NA	Solid	6010B	459487
440-203718-106	AOC1-B112-W5-D0.5	Total/NA	Solid	6010B	459487
440-203718-109	AOC1-B108-S10-D0.5	Total/NA	Solid	6010B	459487
440-203718-112	AOC1-B6-N5-D0.5	Total/NA	Solid	6010B	459487
440-203718-124	AOC1-B6-S5-D0.5	Total/NA	Solid	6010B	459487
440-203718-127	AOC1-B6-S10-D0.5	Total/NA	Solid	6010B	459487
440-203718-130	AOC1-B8-S10-D0.5	Total/NA	Solid	6010B	459487
440-203718-133	AOC1-B112-W10-D0.5	Total/NA	Solid	6010B	459487
440-203718-136	AOC1-B112-W5-D0.5-D	Total/NA	Solid	6010B	459487
440-203718-140	AOC1-B108-S5-D0.5	Total/NA	Solid	6010B	459487
440-203718-144	AOC1-B8-S10-D0.5-D	Total/NA	Solid	6010B	459487
MB 440-459487/1-A ^5	Method Blank	Total/NA	Solid	6010B	459487
LCS 440-459487/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	459487
440-203718-136 MS	AOC1-B112-W5-D0.5-D	Total/NA	Solid	6010B	459487

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Metals (Continued)

Analysis Batch: 459958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-136 MSD	AOC1-B112-W5-D0.5-D	Total/NA	Solid	6010B	459487
440-203718-144 MS	AOC1-B8-S10-D0.5-D	Total/NA	Solid	6010B	459487
440-203718-144 MSD	AOC1-B8-S10-D0.5-D	Total/NA	Solid	6010B	459487

Analysis Batch: 460039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-203718-8	AOC1-B22-E5-D0.5	Total/NA	Solid	6010B	459538
440-203718-115	AOC1-B6-N10-D0.5	Total/NA	Solid	6010B	459538
440-203718-118	AOC1-B6-W5-D0.5	Total/NA	Solid	6010B	459538
440-203718-121	AOC1-B6-W10-D0.5	Total/NA	Solid	6010B	459538
440-203718-137	AOC1-B108-E5-D0.5	Total/NA	Solid	6010B	459538
440-203718-143	AOC1-B108-S10-D0.5-D	Total/NA	Solid	6010B	459538
MB 440-459538/1-A ^5	Method Blank	Total/NA	Solid	6010B	459538
LCS 440-459538/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	459538
440-203718-143 MS	AOC1-B108-S10-D0.5-D	Total/NA	Solid	6010B	459538
440-203718-143 MSD	AOC1-B108-S10-D0.5-D	Total/NA	Solid	6010B	459538

Definitions/Glossary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: Reseda HS PEA

TestAmerica Job ID: 440-203718-1

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

Analysis Method	Prep Method	Matrix	Analyte
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TestAmerica Irvine
17481 Derian Avenue
Suite 100
Irvine, CA 92614-5943
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ PDES ☐ RCRA ☒ Other: _____

Project Manager: Justin King Tel/Fax: 626-440-6133

Site Contact: Nonette Paulson Date: 2/19/2018

Lab Contact: Patty Mata

COC No. 6 of 13 COCs

Sampler: Nonette Paulson

For Lab Use Only:

Walk-in Client: ☐

Lab Sampling: ☐

Job / SDG No.:

Sample Specific Notes:

Lead

Perform MS / MSD (Y / N)

Filtered Sample (Y / N)

Sample Date

Sample Time

Sample Type (e.g., G, S, L)

Matrix Cont.

of

Sample

Analysis Turnaround Time

CALENDAR DAYS

WORKING DAYS

TAT if different from Below: _____

2 weeks

1 week

2 days

1 day

Project Name: Reseda HS PEA

Site: Reseda HS

P.O.#

Sample Identification

AOC1-B77-NW5-D1.5-D

AOC1-B78-NW10-D1.5-D

AOC1-B78-SW10-D1.5-D

AOC1-B78-SEB-D1.5-D

AOC1-B78-NW10-D1.5

AOC1-B78-NW10-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

Client Contact

Parsons

100 West Walnut St

Pasadena, CA 91124

(626) 440-6133

Project Name: Reseda HS PEA

Site: Reseda HS

P.O.#

Sample Identification

AOC1-B77-NW5-D1.5-D

AOC1-B78-NW10-D1.5-D

AOC1-B78-SW10-D1.5-D

AOC1-B78-SEB-D1.5-D

AOC1-B78-NW10-D1.5

AOC1-B78-NW10-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

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AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

AOC1-B78-SW5-D1.5

Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client

Disposal by Lab

Archive for

Months

Therm ID No.

Company

Date/Time

Company

Date/Time

Company

Date/Time

Company

Date/Time

Company

Date/Time

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Date/Time

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Company

Date/Time

Company

Date/Time

Company

Date/Time

Company

Date/Time

Company

Date/Time

Company

Date/Time

Company

Date/Time

Company

Client Contact		Project Manager: Justin King		Site Contact: Nette Paulson		Date: 2/19/2018		COC No									
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		1 of 13 COCs									
100 West Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic		Lead									
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Type (C-Comp, G-Grab)		Matrix		# of Cont.									
(626) 440-6133		TAT if different from Below _____		Sample Date		Sample Time		Sample Specific Notes									
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time		Sample Specific Notes									
Site: Reseda HS		PO#		Sample Date		Sample Time		Sample Specific Notes									
A001-B22-N5-D0.5		2/19/18		0830		G		S		1		N		X		8/1/18	
A001-B22-N5-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N5-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-D0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-ES-D0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-ES-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-ES-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P2.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P0.5		2/19/18		0830		G		S		1		N		X			
A001-B22-N10-P1.5		2/19/18		0830													

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Ch 1 of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		2 of 13 COCs			
100 West Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic		Sampler: Nenette Paulson			
Pasadena, CA 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y / N)		Lead		For Lab Use Only:			
(626) 440-6133		TAT if different from Below: _____		# of				Walk-in Client:			
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks		Matrix				Lab Sampling:			
Site: Reseda HS		<input type="checkbox"/> 1 week		Sample Type (C-Comp, G-Grab)				Job / SDG No.:			
PO#		<input type="checkbox"/> 2 days		Sample Date							
		<input type="checkbox"/> 1 day		Sample Time							
Sample Identification		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)		Matrix		# of Cont.	
AOC1-B22-SS-P0.5		2/19/18		0915		G		S		1	
AOC1-B22-SS-P1.5		2/19/18		0910		G		S		1	
AOC1-B22-SS-P2.5		2/19/18		0915		G		S		1	
AOC1-B22-S10-P0.5		2/19/18		0920		G		S		1	
AOC1-B22-S10-P1.5		2/19/18		0925		G		S		1	
AOC1-B22-S10-P2.5		2/19/18		0930		G		S		1	
AOC1-B100-N15-P0.5		2/19/18		0935		G		S		1	
AOC1-B100-N15-P1.5		2/19/18		0940		G		S		1	
AOC1-B100-N15-P2.5		2/19/18		0945		G		S		1	
AOC1-B100-W15-P0.5		2/19/18		0950		G		S		1	
AOC1-B100-W15-P1.5		2/19/18		0955		G		S		1	
AOC1-B100-W15-P2.5		2/19/18		1000		G		S		1	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other		1									
Possible Hazard Identification:											
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:			
Relinquished by: [Signature]		Company: Parsons		Received by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1500			
Relinquished by: [Signature]		Company: TA-IRV		Received by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1720			
Relinquished by: [Signature]		Company: [Signature]		Received in Laboratory by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1720			

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Client Contact				Project Manager: Justin King				Site Contact: Nenette Paulson				Date: 2/19/2018				COC No.				
Parsons				Tel/Fax: 626-440-6133				Lab Contact: Patty Mata				Carrier:				3 of 15 COCs				
100 West Walnut St				Analysis Turnaround Time				Perform MS / MSD (Y / N)				Filtered Sample (Y / N)				Sample Specific Notes:				
Pasadena, Ca 91124				<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS				Arsenic												
(626) 440-6133				TAT if different from Below Std				Lead												
Project Name Reseda HS PEA				<input checked="" type="checkbox"/> 2 weeks																
Site: Reseda HS				<input type="checkbox"/> 1 week																
P O #				<input type="checkbox"/> 2 days																
				<input type="checkbox"/> 1 day																
Sample Identification				Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.												
AOC1-B100-W10-D0.5				2/19/18	1105	G	S	1												
AOC1-B100-W10-D1.5				2/19/18	1010	G	S	1												
AOC1-B100-W10-D2.5				2/19/18	1015	G	S	1												
AOC1-B100-S5-D0.5				2/19/18	1020	G	S	1												
AOC1-B100-S5-D1.5				2/19/18	1025	G	S	1												
AOC1-B100-S5-D2.5				2/19/18	1030	G	S	1												
AOC1-B100-S10-D0.5				2/19/18	1035	G	S	1												
AOC1-B100-S10-D1.5				2/19/18	1040	G	S	1												
AOC1-B100-S10-D2.5				2/19/18	1045	G	S	1												
AOC1-B100-E5-D0.5				2/19/18	1050	G	S	1												
AOC1-B100-E5-D1.5				2/19/18	1055	G	S	1												
AOC1-B100-E5-D2.5				2/19/18	1100	G	S	1												
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other																				
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.																				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Unknown <input type="checkbox"/> Poison B																				
Special Instructions/QC Requirements & Comments:																				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No				Custody Seal No.:				Cooler Temp. (°C): Obs'd:				Corr'd:				Therm ID No.:				
Relinquished by: [Signature]				Company: Parsons				Date/Time: 2/19/2018 1500				Received by: [Signature]				Company: TA-IRV				
Relinquished by: [Signature]				Company: TA-IRV				Date/Time: 2/19/18 1720				Received by: [Signature]				Company: TA-IRV				
Relinquished by: [Signature]				Company: [Signature]				Date/Time: [Signature]				Received in Laboratory by: [Signature]				Company: [Signature]				

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 2/19/2018 Carrier:		COC No: 4 of 13 COCs	
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: Sid <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
Project Name: Reseda HS PEA Site: Reseda HS PO #		Sample Date		Sample Time		Sample		Filtered Sample (Y/N)	
		2/19/18		1105		G		S 1	
		2/19/18		1110		G		S 1	
		2/19/18		1115		G		S 1	
		2/19/18		1120		G		S 1	
		2/19/18		1122		G		S 1	
		2/19/18		1124		G		S 1	
		2/19/18		1126		G		S 1	
		2/19/18		1128		G		S 1	
		2/19/18		1130		G		S 1	
		2/19/18		1132		G		S 1	
		2/19/18		1134		G		S 1	
		2/19/18		1136		G		S 1	
Sample Identification		ACC1-B100-E10-D0.5		ACC1-B100-E10-D1.5		ACC1-B100-E10-D2.5		ACC1-B377-NW5-D0.5	
		ACC1-B377-NW5-D1.5		ACC1-B377-NW5-D2.5		ACC1-B377-NW10-D0.5		ACC1-B377-NW10-D1.5	
		ACC1-B377-NW10-D2.5		ACC1-B377-SW5-D0.5		ACC1-B377-SW5-D1.5		ACC1-B377-SW5-D2.5	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other		1							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:	
Relinquished by: [Signature]		Company: Parsons		Received by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1500	
Relinquished by: [Signature]		Company: TA-IRV		Received by: [Signature]		Company: TA-IRV		Date/Time: 2/19/18 1720	
Relinquished by: [Signature]		Company: [Signature]		Received by: [Signature]		Company: [Signature]		Date/Time: 2/19/18 1720	

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		Date: 2/19/2018		COC No. 6 of 13 COCs	
Parsons 100 West Walnut St Pasadena, CA 91124 (626) 440-6133		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
Project Name: Reseda HS PEA Site: Reseda HS PO#		Sample Date		Sample Time		Sample		Filtered Sample (Y/N)	
Sample Identification		Sample Date		Sample Time		Sample		Filtered Sample (Y/N)	
ACC1-B77-NW5-D2.5-D		2/19/18	1124	G	S	1	N		
ACC1-B78-NW10-D6.5-D		2/19/18	1202	G	S	1	N		
ACC1-B78-SW10-D2.5-D		2/19/18	1214	G	S	1	N		
ACC1-B78-SEB-D15-D		2/19/18	1222	G	S	1	N		
ACC1-B78-NW10-D0.5		2/19/18	1202	G	S	1	N		
ACC1-B78-NW10-D1.5		2/19/18	1204	G	S	1	N		
ACC1-B78-NW10-D1.5		2/19/18	1206	G	S	1	N		
ACC1-B78-SW5-D0.5		2/19/18	1208	G	S	1	N		
ACC1-B78-SW5-D1.5		2/19/18	1210	G	S	1	N		
ACC1-B78-SW5-D2.5		2/19/18	1212	G	S	1	N		
ACC1-B81-SW5-D1.5		2/19/18	1246	G	S	1	N		
ACC1-B81-NW5-D1.5		2/19/18	1216	G	S	1	N		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Custody Seal No.:	Company: Parsons
Relinquished by:				
Relinquished by:				
Relinquished by:				

Received by:	Date/Time:	Received by:	Date/Time:	Received in Laboratory by:	Date/Time:	Company:	Therm ID No.:
Will. Rivera	2/19/18 1500	Will. Rivera	2/19/18 1500	Will. Rivera	2/19/18 1720	TA-IRV	
Will. Rivera	2/19/18 1720	Will. Rivera	2/19/18 1720	Will. Rivera	2/19/18 1720	TA-IRV	

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Ch. 1 of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other: <input type="checkbox"/>		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No.	
Parsons		Tel/Fax: 626-440-6133		Analysis Turnaround Time		Lab Contact: Patty Mata		Carrier:		COC No.	
100 West Walnut St		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Arsenic	
Pasadena, Ca 91124						Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)	
(626) 440-6133											
Project Name: Reseda HS PEA											
Site: Reseda HS											
P O #											
Sample Identification											
A001-B78-SW10-D0.5		2/19/18	1214	G	S	1	N	X			
A001-B78-SW10-D1.5		2/19/18	1216	G	S	1	N	X			
A001-B78-SW10-D2.5		2/19/18	1218	G	S	1	N	H			
A001-B78-SW10-D3.5		2/19/18	1220	G	S	1	N	X			
A001-B78-SW10-D4.5		2/19/18	1222	G	S	1	N	X			
A001-B78-SW10-D5.5		2/19/18	1224	G	S	1	N	H			
A001-B81-NW3-D0.5		2/19/18	1226	G	S	1	N	X			
A001-B81-NW3-D1.5		2/19/18	1228	G	S	1	N	X			
A001-B81-NW3-D2.5		2/19/18	1230	G	S	1	N	X			
A001-B81-NW3-D3.5		2/19/18	1232	G	S	1	N	X			
A001-B81-NW3-D4.5		2/19/18	1234	G	S	1	N	X			
A001-B81-NW3-D5.5		2/19/18	1236	G	S	1	N	X			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other											
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments:											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp (°C): Obs'd.		Corr'd.		Therm ID No.:			
Relinquished by: <i>W. Rivera</i>		Company: Parsons		Received by: <i>W. Rivera</i>		Company: TA-IRV		Date/Time: 2/19/18 1500			
Relinquished by: <i>W. Rivera</i>		Company: TA-IRV		Received by: <i>W. Rivera</i>		Company: TA-IRV		Date/Time: 2/19/18 1720			
Relinquished by: <i>W. Rivera</i>		Company: TA-IRV		Received by: <i>W. Rivera</i>		Company: TA-IRV		Date/Time: 2/19/18 1720			

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Ch. 1 of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		Carrier:		COC No.:	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata						COC No.:	
100 West Walnut St		Analysis Turnaround Time								Sampler: Nenette Paulson	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS								For Lab Use Only:	
(626) 440-6133		TAT if different from Below: _____ Sid _____								Walk-in Client:	
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks								Lab Sampling:	
Site: Reseda HS		<input type="checkbox"/> 1 week								Job / SDG No.:	
P O #		<input type="checkbox"/> 2 days									
		<input type="checkbox"/> 1 day									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Arsenic	Lead	Sample Specific Notes:	
A001-B81-NE10-P1.5		2/19/18	1238	G	S	1	N	X			
A001-B81-NE10-P1.5		2/19/18	1240	G	S	1	N	X			
A001-B81-NE10-P2.5		2/19/18	1244	G	S	1	N	X			
A001-B81-SW5-P1.5		2/19/18	1244	G	S	1	N	X			
A001-B81-SW5-P1.5		2/19/18	1246	G	S	1	N	X			
A001-B81-SW5-P2.5		2/19/18	1248	G	S	1	N	X			
A001-B81-SW10-P0.5		2/19/18	1250	G	S	1	N	X			
A001-B81-SW10-P1.5		2/19/18	1252	G	S	1	N	X			
A001-B81-SW10-P2.5		2/19/18	1254	G	S	1	N	X			
A001-B81-SE3-P0.5		2/19/18	1256	G	S	1	N	X			
A001-B81-SE5-P1.5		2/19/18	1258	G	S	1	N	X			
A001-B81-SE5-P2.5		2/19/18	1300	G	S	1	N	X			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other: _____

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: _____

Return to Client ☐ Disposal by Lab ☒ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Custody Seal No.	Cooler Temp. (°C): Obs'd	Corr'd	Therm ID No.:
Company: Parsons	Received by: Will Riera	Company: TH-IRV	Date/Time: 2/19/18 1500
Company: TH-IRV	Received by:	Company:	Date/Time:
Company:	Received in Laboratory by: Will Riera	Company: TH-IRV	Date/Time: 2/19/18 1720

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CL of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		Carrier:		COC No:	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata						COCs	
100 West Walnut St		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Analysis Turnaround Time						Sampler: Nenette Paulson	
Pasadena, Ca 91124		TAT if different from Below		Sid						For Lab Use Only:	
(626) 440-6133		<input checked="" type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week						Walk-in Client	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day						Lab Sampling:	
Site: Reseda HS		<input type="checkbox"/>		<input type="checkbox"/>						Job / SDG No.:	
P O #											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Lead	Arsenic	Perform MS / MSD (Y/N)	Sample Specific Notes:
A001 - B01 - SC10 - D0.5		2/19/18	1312	G	S	1	N	X			
A001 - B01 - SE10 - D1.5		2/19/18	1304	G	S	1	N	X			
A001 - B01 - SE10 - D2.5		2/19/18	1306	G	S	1	N	X			
A001 - B112 - N05 - D0.5		2/19/18	1308	G	S	1	N	X			
A001 - B112 - N05 - D1.5		2/19/18	1310	G	S	1	N	H			
A001 - B112 - N05 - D2.5		2/19/18	1312	G	S	1	N	H			
A001 - B112 - N10 - D0.5		2/19/18	1314	G	S	1	N	X			
A001 - B112 - N10 - D1.5		2/19/18	1316	G	S	1	N	H			
A001 - B112 - N10 - D2.5		2/19/18	1318	G	S	1	N	H			
A001 - B112 - W05 - D0.5		2/19/18	1320	G	S	1	N	X			
A001 - B112 - W05 - D1.5		2/19/18	1322	G	S	1	N	H			
A001 - B112 - W05 - D2.5		2/19/18	1324	G	S	1	N	H			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact.	Yes	No	Custody Seal No.	Company: Parsons	Date/Time: 2/19/2018 1500	Received by: Will. Rivera	Company: TA-IRV	Cooler Temp. (°C): Obs'd	Cor'd:	Therm ID No.:
Relinquished by:										
Relinquished by: Will. Rivera										
Relinquished by:										

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:
Project Manager: Justin King
Tel/Fax: 626-440-6133
Site Contact: Nenette Paulson
Date: 2/19/2018
Carrier:
Lab Contact: Patty Mata
COC No. 10 of 13 COCs
Parsons
100 West Walnut St
Pasadena, Ca 91124
(626) 440-6133
Sampler: Nenette Paulson
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
Sample Specific Notes:
Analysis Turnaround Time
☐ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day
Project Name: Reseda HS PEA
Site: Reseda HS
P O #
Sample Identification
Sample Date Sample Time Sample Type (C=Comp, G=Grab) Matrix # of Cont.
A001-B 108-510-D0.5 2/19/18 1344 G S 1
A001-B 108-510-D1.5 2/19/18 1346 G S 1
A001-B 108 510-D2.5 2/19/18 1348 G S 1
A001-B 66-N5-D0.5 2/19/18 1336 G S 1
A001-B 66-N5-P1.5 2/19/18 1337 G S 1
A001-B 66-N5-D0.5 2/19/18 1338 G S 1
A001-B 66-N10-D1.5 2/19/18 1330 G S 1
A001-B 66-N10-D2.5 2/19/18 1335 G S 1
A001-B 66-N5-D0.5 2/19/18 1340 G S 1
A001-B 66-N5-D1.5 2/19/18 1341 G S 1
A001-B 66-N5-D2.5 2/19/18 1344 G S 1
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 1
Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown
Special Instructions/QC Requirements & Comments:
Custody Seals Intact. ☐ Yes ☐ No
Relinquished by:
Relinquished by:
Relinquished by:
Custody Seal No.:
Company Parsons
Company: TA-IRV
Company:
Date/Time 2/19/2018 1500
Date/Time 2/19/18 1720
Date/Time:
Received by:
Received by:
Received in Laboratory by:
Cooler Temp. (°C): Obs'd:
Corr'd:
Therm ID No.:
Company: TA-IRV
Company:
Company:
Date/Time 2/19/18 1500
Date/Time:
Date/Time: 2/19/18 1720
Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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Client of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 2/19/2018		COC No.		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		11 of 13 COCs		
(626) 440-6133		Analysis Turnaround Time		Calendar Days		Working Days		Sampler: Nenette Paulson		
Project Name: Reseda HS PEA		TAT if different from Below		Sid				For Lab Use Only:		
Site: Reseda HS		<input checked="" type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		Walk-in Client:		
P.O.#		<input type="checkbox"/> 1 day						Lab Sampling:		
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Arsenic	Lead	Sample Specific Notes:
AOC1-B6-W10-P1.5	2/19/18	1346	G	S	1	N				
AOC1-B6-W10-P1.5	2/19/18	1349	G	S	1	N				
AOC1-B6-W10-P2.5	2/19/18	1350	G	S	1	N				
AOC1-B6-S5-P1.5	2/19/18	1352	G	S	1	N				
AOC1-B6-S5-P1.5	2/19/18	1354	G	S	1	N				
AOC1-B6-S5-P2.5	2/19/18	1357	G	S	1	N				
AOC1-B6-S10-P1.5	2/19/18	1357	G	S	1	N				
AOC1-B6-S10-P1.5	2/19/18	1400	G	S	1	N				
AOC1-B6-S10-P2.5	2/19/18	1402	G	S	1	N				
AOC1-B8-S10-P1.5	2/19/18	1419	G	S	1	N				
AOC1-B8-S10-P1.5	2/19/18	1417	G	S	1	N				
AOC1-B8-S10-P2.5	2/19/18	1418	G	S	1	N				

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	Yes	No	Custody Seal No.:	Company: Parsons	Received by:	Company: TA-IRV	Date/Time: 2/19/2018 1500	Therm ID No.:
Relinquished by:					Walter Rivas	TA-IRV	2/19/18 1500	
Relinquished by:					Walter Rivas	TA-IRV	2/19/18 1720	
Relinquished by:					Walter Rivas	TA-IRV	2/19/18 1720	

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nanette Paulson		Date: 2/19/2018	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:	
100 West Walnut St		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Arsenic	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y / N)		Lead	
(626) 440-6133		TAT if different from Below _____ Sid _____		Sample Type (C=Comp, G=Grab)		# of Cont.	
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time	
Site: Reseda HS		PO#		Sample Identification		Sample Specific Notes:	
				A001-15112-110-00.5			
				A001-15112-110-00.5			
				A001-15112-110-01.5			
				A001-15112-110-02.5			
				A001-15112-110-03.5			
				A001-15112-110-04.5			
				A001-15112-110-05.5			
				A001-15112-110-06.5			
				A001-15112-110-07.5			
				A001-15112-110-08.5			
				A001-15112-110-09.5			
				A001-15112-110-10.5			
				A001-15112-110-11.5			
				A001-15112-110-12.5			
				A001-15112-110-13.5			
				A001-15112-110-14.5			
				A001-15112-110-15.5			
				A001-15112-110-16.5			
				A001-15112-110-17.5			
				A001-15112-110-18.5			
				A001-15112-110-19.5			
				A001-15112-110-20.5			
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				A001-15112-110-31.5			
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				A001-15112-110-68.5			
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				A001-15112-110-81.5			
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				A001-15112-110-180.5			
				A001-15112-110-181.5			
				A001-15112-110-182.5			
				A001-15112-110-183.5			
				A001-15112-110-184.5			
				A001-15112-110-185.5			
				A001-15112-110-186.5			
				A001-15112-110-187.5			
				A001-15112-110-188.5			
				A001-15112-110-189.5			
				A001-15112-110-190.5			
				A001-15112-110-191.5			
				A001-15112-110-192.5			
				A001-15112-110-193.5			
				A001-15112-110-194.5			
				A001-15112-110-195.5			
				A001-15112-110-196.5			
				A001-15112-110-197.5			
				A001-15112-110-198.5			
				A001-15112-110-199.5			
				A001-15112-110-200.5			
				A001-15112-110-201.5			
				A001-15112-110-202.5			
				A001-15112-110-203.5			
				A001-15112-110-204.5			
				A001-15112-110-205.5			
				A001-15112-110-206.5			
				A001-15112-110-207.5			
				A001-15112-110-208.5			
				A001-15112-110-209.5			
				A001-15112-110-210.5			
				A001-15112-110-211.5			
				A001-15112-110-212.5			
				A001-15112-110-213.5			
				A001-15112-110-214.5			
				A001-15112-110-215.5			
				A001-15112-110-216.5			
				A001-15112-110-217.5			
				A001-15112-110-218.5</			

TestAmerica Irvine

17461 Derran Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Cl. 1 of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact

Project Manager: Justin King

Site Contact: Nette Paulson

Date: 2/19/2018

COC No.

Parsons

Tel/Fax: 626-440-6133

Lab Contact: Patty Mata

Carrier:

11 of 13 COCs

100 West Walnut St

Analysis Turnaround Time

Sample: Nette Paulson

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Pasadena, Ca 91124

☐ CALENDAR DAYS ☐ WORKING DAYS

Arsenic

Lead

Job / SDG No.:

(626) 440-6133

TAT if different from Below: ☒ 1 day ☐ 2 weeks ☐ 1 week ☐ 2 days

Filtered Sample (Y / N)

Perform MS / MSD (Y / N)

Sample Specific Notes:

Project Name: Reseda HS PEA

Sample Identification

Sample Date

Sample Time

Sample Type (C-Comp, G-Grab)

Matrix

of Cont.

Site: Reseda HS

Sample Date

Sample Time

Sample Type (C-Comp, G-Grab)

Matrix

of Cont.

P.O. #

Sample Date

Sample Time

Sample Type (C-Comp, G-Grab)

Matrix

of Cont.

Sample Identification

Sample Date

Sample Time

Sample Type (C-Comp, G-Grab)

Matrix

of Cont.

Acc1-B6-W10-P2.5

2/19/18

1346

G

S

1

N

Acc1-B6-W10-P1.5

2/19/18

1349

G

S

1

N

Acc1-B6-W10-P2.5

2/19/18

1350

G

S

1

N

Acc1-B6-S5-P2.5

2/19/18

1352

G

S

1

N

Acc1-B6-S5-P1.5

2/19/18

1354

G

S

1

N

Acc1-B6-S5-P2.5

2/19/18

1357

G

S

1

N

Acc1-B6-S10-P0.5

2/19/18

1357

G

S

1

N

Acc1-B6-S10-P1.5

2/19/18

1400

G

S

1

N

Acc1-B6-S10-P2.5

2/19/18

1402

G

S

1

N

Acc1-B8-S10-P0.5

2/19/18

1414

G

S

1

N

Acc1-B8-S10-P1.5

2/19/18

1417

G

S

1

N

Acc1-B8-S10-P2.5

2/19/18

1418

G

S

1

N

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

2/19/18

1

G

S

1

N

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client

Disposed by Lab

Archive for

Months

Special Instructions/QC Requirements & Comments:

Not Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Return to Client

Disposed by Lab

Archive for

Months

Custody Seal Intact: ☐ Yes ☐ No

Custody Seal No.:

Cooler Temp. (°C): Obs'd:

Cor'd:

Therm ID No.:

Relinquished by:

Company: Parsons

Date/Time: 2/19/2018 1502

Received by:

Company: TH-TRU

Date/Time: 2/19/18 1502

Relinquished by:

Company: TH-TRU

Date/Time: 2/19/18 1720

Received by:

Company: TH-TRU

Date/Time: 2/19/18 1720

Relinquished by:

Company: TH-TRU

Date/Time: 2/19/18 1720

Received by:

Company: TH-TRU

Date/Time: 2/19/18 1720

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-203718-1

Login Number: 203718

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-204170-1

Client Project/Site: LAUSD Reseda H.S., CA

Revision: 1

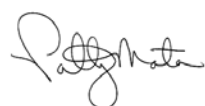
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

3/8/2018 10:55:28 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-204170-1	F022418	Water	02/24/18 07:30	02/26/18 18:10
440-204170-2	AOC1-B91-N5-D0.5	Solid	02/24/18 07:34	02/26/18 18:10
440-204170-5	AOC1-B91-N10-D0.5	Solid	02/24/18 07:40	02/26/18 18:10
440-204170-8	AOC1-B91-S5-D0.5	Solid	02/24/18 07:46	02/26/18 18:10
440-204170-11	AOC1-B91-N10-D0.5-D	Solid	02/24/18 07:40	02/26/18 18:10
440-204170-12	AOC1-B91-S10-D0.5-D	Solid	02/24/18 07:52	02/26/18 18:10
440-204170-13	AOC1-B91-S10-D0.5	Solid	02/24/18 07:52	02/26/18 18:10
440-204170-16	AOC1-B58-N5-D0.5	Solid	02/24/18 08:00	02/26/18 18:10
440-204170-19	AOC1-B58-N10-D0.5	Solid	02/24/18 08:06	02/26/18 18:10
440-204170-22	AOC1-B58-N5-D0.5-D	Solid	02/24/18 08:00	02/26/18 18:10
440-204170-23	AOC1-B58-E5-D0.5-D	Solid	02/24/18 08:12	02/26/18 18:10
440-204170-24	AOC1-B64-N5-D0.5-D	Solid	02/24/18 08:36	02/26/18 18:10
440-204170-25	AOC1-B58-E5-D0.5	Solid	02/24/18 08:12	02/26/18 18:10
440-204170-28	AOC1-B58-S5-D0.5	Solid	02/24/18 08:18	02/26/18 18:10
440-204170-31	AOC1-B58-S10-D0.5	Solid	02/24/18 08:24	02/26/18 18:10
440-204170-34	AOC1-B58/64-9-D0.5	Solid	02/24/18 08:30	02/26/18 18:10
440-204170-37	AOC1-B64-N5-D0.5	Solid	02/24/18 08:36	02/26/18 18:10
440-204170-40	AOC1-B64-N10-D0.5	Solid	02/24/18 08:42	02/26/18 18:10
440-204170-43	AOC1-B64-W5-D0.5	Solid	02/24/18 08:48	02/26/18 18:10
440-204170-46	AOC1-B64-S5-D0.5	Solid	02/24/18 08:54	02/26/18 18:10
440-204170-49	AOC1-B64-S10-D0.5	Solid	02/24/18 09:00	02/26/18 18:10
440-204170-52	AOC1-B64-W5-D0.5-D	Solid	02/24/18 08:50	02/26/18 18:10
440-204170-53	AOC1-B34-N5-D0.5	Solid	02/24/18 09:20	02/26/18 18:10
440-204170-56	AOC1-B34-N10-D0.5	Solid	02/24/18 09:26	02/26/18 18:10
440-204170-59	AOC1-B34-S5-D0.5-D	Solid	02/24/18 09:44	02/26/18 18:10
440-204170-60	AOC1-B34-E5-D0.5	Solid	02/24/18 09:32	02/26/18 18:10
440-204170-63	AOC1-B34-E10-D0.5	Solid	02/24/18 09:38	02/26/18 18:10
440-204170-66	AOC1-B34-S5-D0.5	Solid	02/24/18 09:44	02/26/18 18:10
440-204170-69	AOC1-B34-S10-D0.5	Solid	02/24/18 09:50	02/26/18 18:10
440-204170-72	AOC1-B1-N5-D0.5	Solid	02/24/18 07:37	02/26/18 18:10
440-204170-75	AOC1-B1-N10-D0.5	Solid	02/24/18 07:30	02/26/18 18:10
440-204170-78	AOC1-B1-W5-D0.5	Solid	02/24/18 08:20	02/26/18 18:10
440-204170-81	AOC1-B1-W10-D0.5	Solid	02/24/18 08:07	02/26/18 18:10
440-204170-84	AOC1-B1-N5-D0.5-DUP	Solid	02/24/18 07:40	02/26/18 18:10
440-204170-85	AOC1-B1-W10-D0.5-DUP	Solid	02/24/18 08:08	02/26/18 18:10
440-204170-86	AOC1-B1-E5-D0.5	Solid	02/24/18 08:00	02/26/18 18:10
440-204170-89	AOC1-B1-E10-D0.5	Solid	02/24/18 07:47	02/26/18 18:10
440-204170-92	AOC1-B10-N5-D0.5	Solid	02/24/18 08:46	02/26/18 18:10
440-204170-95	AOC1-B10-N5-D0.5-DUP	Solid	02/24/18 08:48	02/26/18 18:10
440-204170-96	AOC1-B10-N10-D0.5	Solid	02/24/18 08:38	02/26/18 18:10
440-204170-99	AOC1-B10-W5-D0.5	Solid	02/24/18 09:22	02/26/18 18:10
440-204170-102	AOC1-B10-W10-D0.5	Solid	02/24/18 09:10	02/26/18 18:10
440-204170-105	AOC1-B10-S5-D0.5	Solid	02/24/18 08:58	02/26/18 18:10
440-204170-108	AOC1-B10-S10-D0.5	Solid	02/24/18 08:52	02/26/18 18:10

TestAmerica Irvine

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Job ID: 440-204170-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-204170-1

Comments

This report was revised on 3/8/18 to change the following sample IDs per client's 3/8/18 email request: AOC1-B91-S10-D0.5-D (440-204170-12) and AOC1-B1-E5-D0.5 (440-204170-86).

Receipt

The samples were received on 2/26/2018 6:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.1° C, 0.8° C, 0.8° C and 2.0° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): AOC1-B34-S10-D0.5 (440-204170-69), AOC1-B34-S10-D2.5 (440-204170-71), AOC1-B1-N10-D2.5 (440-204170-77) and AOC1-B1-E5-D0.5-DUP (440-204170-86).

Sample #69 container labels list AOC1-B34-S10-D0.5 @ 09:54, while the COC lists AOC1-B34-S10-D0.5 @ 09:50.

Sample #71 container labels list AOC1-B34-S10-D0.5 @ 09:50, while the COC lists AOC1-B34-S10-D0.5 @ 09:54.

Sample #77 container labels list AOC1-B2-N10-D2.5 @ 07:35, while the COC lists AOC1-B1-N10-D2.5 @ 07:35.

Sample #86 container labels list AOC1-B1-E5-D0.5 @ 08:00, while the COC lists AOC1-B1-E5-D0.5-Dup @ 08:00.

Samples were logged in and labeled per COC. The client was contacted and they confirmed that COC times and IDs were the correct ones.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: F022418

Lab Sample ID: 440-204170-1

No Detections.

Client Sample ID: AOC1-B91-N5-D0.5

Lab Sample ID: 440-204170-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	25		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N10-D0.5

Lab Sample ID: 440-204170-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-S5-D0.5

Lab Sample ID: 440-204170-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	21		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N10-D0.5-D

Lab Sample ID: 440-204170-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-S10-D0.5-D

Lab Sample ID: 440-204170-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-S10-D0.5

Lab Sample ID: 440-204170-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-N5-D0.5

Lab Sample ID: 440-204170-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-N10-D0.5

Lab Sample ID: 440-204170-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-N5-D0.5-D

Lab Sample ID: 440-204170-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-E5-D0.5-D

Lab Sample ID: 440-204170-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B64-N5-D0.5-D

Lab Sample ID: 440-204170-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-E5-D0.5

Lab Sample ID: 440-204170-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-S5-D0.5

Lab Sample ID: 440-204170-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58-S10-D0.5

Lab Sample ID: 440-204170-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B58/64-9-D0.5

Lab Sample ID: 440-204170-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-N5-D0.5

Lab Sample ID: 440-204170-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-N10-D0.5

Lab Sample ID: 440-204170-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-W5-D0.5

Lab Sample ID: 440-204170-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-S5-D0.5

Lab Sample ID: 440-204170-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-S10-D0.5

Lab Sample ID: 440-204170-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B64-W5-D0.5-D

Lab Sample ID: 440-204170-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B64-W5-D0.5-D (Continued)

Lab Sample ID: 440-204170-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-N5-D0.5

Lab Sample ID: 440-204170-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	120		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-N10-D0.5

Lab Sample ID: 440-204170-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	19		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-S5-D0.5-D

Lab Sample ID: 440-204170-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-E5-D0.5

Lab Sample ID: 440-204170-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-E10-D0.5

Lab Sample ID: 440-204170-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.8		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-S5-D0.5

Lab Sample ID: 440-204170-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	43		2.0	0.99	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B34-S10-D0.5

Lab Sample ID: 440-204170-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	34		2.0	1.0	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-N5-D0.5

Lab Sample ID: 440-204170-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-N10-D0.5

Lab Sample ID: 440-204170-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-W5-D0.5

Lab Sample ID: 440-204170-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B1-W5-D0.5 (Continued)

Lab Sample ID: 440-204170-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-W10-D0.5

Lab Sample ID: 440-204170-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-N5-D0.5-DUP

Lab Sample ID: 440-204170-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-W10-D0.5-DUP

Lab Sample ID: 440-204170-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-E5-D0.5

Lab Sample ID: 440-204170-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B1-E10-D0.5

Lab Sample ID: 440-204170-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.8		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-N5-D0.5

Lab Sample ID: 440-204170-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-N5-D0.5-DUP

Lab Sample ID: 440-204170-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-N10-D0.5

Lab Sample ID: 440-204170-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-W5-D0.5

Lab Sample ID: 440-204170-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-W10-D0.5

Lab Sample ID: 440-204170-102

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B10-W10-D0.5 (Continued)

Lab Sample ID: 440-204170-102

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-S5-D0.5

Lab Sample ID: 440-204170-105

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.6		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B10-S10-D0.5

Lab Sample ID: 440-204170-108

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: F022418

Date Collected: 02/24/18 07:30

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-1

Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		03/02/18 10:19	03/05/18 19:13	1
Lead	ND		0.0050	0.0038	mg/L		03/02/18 10:19	03/05/18 19:13	1

Client Sample ID: AOC1-B91-N5-D0.5

Date Collected: 02/24/18 07:34

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-2

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	25		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:28	5

Client Sample ID: AOC1-B91-N10-D0.5

Date Collected: 02/24/18 07:40

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-5

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:30	5

Client Sample ID: AOC1-B91-S5-D0.5

Date Collected: 02/24/18 07:46

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-8

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:48	5

Client Sample ID: AOC1-B91-N10-D0.5-D

Date Collected: 02/24/18 07:40

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-11

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg		02/27/18 08:44	02/27/18 23:55	5

Client Sample ID: AOC1-B91-S10-D0.5-D

Date Collected: 02/24/18 07:52

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-12

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg		02/27/18 08:44	02/27/18 23:43	5

Client Sample ID: AOC1-B91-S10-D0.5

Date Collected: 02/24/18 07:52

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-13

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:50	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B58-N5-D0.5

Date Collected: 02/24/18 08:00

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-16

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 18:02	5

Client Sample ID: AOC1-B58-N10-D0.5

Date Collected: 02/24/18 08:06

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-19

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.3		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:52	5

Client Sample ID: AOC1-B58-N5-D0.5-D

Date Collected: 02/24/18 08:00

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-22

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg		02/27/18 08:44	02/28/18 00:14	5

Client Sample ID: AOC1-B58-E5-D0.5-D

Date Collected: 02/24/18 08:12

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-23

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		3.0	1.5	mg/Kg		02/27/18 08:47	02/28/18 00:19	5

Client Sample ID: AOC1-B64-N5-D0.5-D

Date Collected: 02/24/18 08:36

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-24

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		3.0	1.5	mg/Kg		02/27/18 08:44	02/28/18 00:07	5

Client Sample ID: AOC1-B58-E5-D0.5

Date Collected: 02/24/18 08:12

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-25

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:55	5

Client Sample ID: AOC1-B58-S5-D0.5

Date Collected: 02/24/18 08:18

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-28

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:57	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B58-S10-D0.5

Date Collected: 02/24/18 08:24

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-31

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 17:59	5

Client Sample ID: AOC1-B58/64-9-D0.5

Date Collected: 02/24/18 08:30

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-34

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 15:56	5

Client Sample ID: AOC1-B64-N5-D0.5

Date Collected: 02/24/18 08:36

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-37

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 15:59	5

Client Sample ID: AOC1-B64-N10-D0.5

Date Collected: 02/24/18 08:42

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-40

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:01	5

Client Sample ID: AOC1-B64-W5-D0.5

Date Collected: 02/24/18 08:48

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-43

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:10	5

Client Sample ID: AOC1-B64-S5-D0.5

Date Collected: 02/24/18 08:54

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-46

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.6		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:12	5

Client Sample ID: AOC1-B64-S10-D0.5

Date Collected: 02/24/18 09:00

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-49

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:14	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B64-W5-D0.5-D

Date Collected: 02/24/18 08:50

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-52

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg	-	02/27/18 08:47	02/28/18 00:31	5

Client Sample ID: AOC1-B34-N5-D0.5

Date Collected: 02/24/18 09:20

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-53

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	120		2.0	1.0	mg/Kg	-	02/28/18 10:22	03/01/18 16:17	5

Client Sample ID: AOC1-B34-N10-D0.5

Date Collected: 02/24/18 09:26

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-56

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	19		2.0	0.99	mg/Kg	-	02/28/18 10:22	03/01/18 16:19	5

Client Sample ID: AOC1-B34-S5-D0.5-D

Date Collected: 02/24/18 09:44

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-59

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18		2.0	0.99	mg/Kg	-	02/28/18 10:22	03/01/18 15:45	5

Client Sample ID: AOC1-B34-E5-D0.5

Date Collected: 02/24/18 09:32

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-60

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		2.0	0.99	mg/Kg	-	02/28/18 10:22	03/01/18 16:21	5

Client Sample ID: AOC1-B34-E10-D0.5

Date Collected: 02/24/18 09:38

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-63

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.8		2.0	0.99	mg/Kg	-	02/28/18 10:22	03/01/18 16:24	5

Client Sample ID: AOC1-B34-S5-D0.5

Date Collected: 02/24/18 09:44

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-66

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	43		2.0	0.99	mg/Kg	-	02/28/18 10:22	03/01/18 16:26	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B34-S10-D0.5

Lab Sample ID: 440-204170-69

Date Collected: 02/24/18 09:50

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	34		2.0	1.0	mg/Kg		02/28/18 10:22	03/01/18 16:28	5

Client Sample ID: AOC1-B1-N5-D0.5

Lab Sample ID: 440-204170-72

Date Collected: 02/24/18 07:37

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:31	5

Client Sample ID: AOC1-B1-N10-D0.5

Lab Sample ID: 440-204170-75

Date Collected: 02/24/18 07:30

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:38	5

Client Sample ID: AOC1-B1-W5-D0.5

Lab Sample ID: 440-204170-78

Date Collected: 02/24/18 08:20

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:40	5

Client Sample ID: AOC1-B1-W10-D0.5

Lab Sample ID: 440-204170-81

Date Collected: 02/24/18 08:07

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 16:42	5

Client Sample ID: AOC1-B1-N5-D0.5-DUP

Lab Sample ID: 440-204170-84

Date Collected: 02/24/18 07:40

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		3.0	1.5	mg/Kg		02/27/18 08:47	02/28/18 00:38	5

Client Sample ID: AOC1-B1-W10-D0.5-DUP

Lab Sample ID: 440-204170-85

Date Collected: 02/24/18 08:08

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		02/27/18 08:47	02/28/18 00:45	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B1-E5-D0.5

Lab Sample ID: 440-204170-86

Date Collected: 02/24/18 08:00

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		3.0	1.5	mg/Kg	-	02/28/18 10:22	03/01/18 16:45	5

Client Sample ID: AOC1-B1-E10-D0.5

Lab Sample ID: 440-204170-89

Date Collected: 02/24/18 07:47

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8		3.0	1.5	mg/Kg	-	02/28/18 10:22	03/01/18 16:47	5

Client Sample ID: AOC1-B10-N5-D0.5

Lab Sample ID: 440-204170-92

Date Collected: 02/24/18 08:46

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		3.0	1.5	mg/Kg	-	02/28/18 10:22	03/01/18 16:50	5

Client Sample ID: AOC1-B10-N5-D0.5-DUP

Lab Sample ID: 440-204170-95

Date Collected: 02/24/18 08:48

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg	-	02/27/18 08:47	02/28/18 00:52	5

Client Sample ID: AOC1-B10-N10-D0.5

Lab Sample ID: 440-204170-96

Date Collected: 02/24/18 08:38

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		3.0	1.5	mg/Kg	-	02/28/18 09:22	03/01/18 18:04	5

Client Sample ID: AOC1-B10-W5-D0.5

Lab Sample ID: 440-204170-99

Date Collected: 02/24/18 09:22

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg	-	02/28/18 09:22	03/01/18 18:06	5

Client Sample ID: AOC1-B10-W10-D0.5

Lab Sample ID: 440-204170-102

Date Collected: 02/24/18 09:10

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg	-	02/28/18 09:22	03/01/18 18:09	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B10-S5-D0.5

Lab Sample ID: 440-204170-105

Date Collected: 02/24/18 08:58

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 18:17	5

Client Sample ID: AOC1-B10-S10-D0.5

Lab Sample ID: 440-204170-108

Date Collected: 02/24/18 08:52

Matrix: Solid

Date Received: 02/26/18 18:10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		3.0	1.5	mg/Kg		02/28/18 09:22	03/01/18 18:20	5

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: F022418

Date Collected: 02/24/18 07:30

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	461030	03/02/18 10:19	MN1	TAL IRV
Total Recoverable	Analysis	6010B		1			461579	03/05/18 19:13	B1H	TAL IRV

Client Sample ID: AOC1-B91-N5-D0.5

Date Collected: 02/24/18 07:34

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:28	K1E	TAL IRV

Client Sample ID: AOC1-B91-N10-D0.5

Date Collected: 02/24/18 07:40

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:30	K1E	TAL IRV

Client Sample ID: AOC1-B91-S5-D0.5

Date Collected: 02/24/18 07:46

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:48	K1E	TAL IRV

Client Sample ID: AOC1-B91-N10-D0.5-D

Date Collected: 02/24/18 07:40

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460113	02/27/18 08:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/27/18 23:55	VS	TAL IRV

Client Sample ID: AOC1-B91-S10-D0.5-D

Date Collected: 02/24/18 07:52

Date Received: 02/26/18 18:10

Lab Sample ID: 440-204170-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460113	02/27/18 08:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/27/18 23:43	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B91-S10-D0.5

Lab Sample ID: 440-204170-13

Date Collected: 02/24/18 07:52

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:50	K1E	TAL IRV

Client Sample ID: AOC1-B58-N5-D0.5

Lab Sample ID: 440-204170-16

Date Collected: 02/24/18 08:00

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 18:02	K1E	TAL IRV

Client Sample ID: AOC1-B58-N10-D0.5

Lab Sample ID: 440-204170-19

Date Collected: 02/24/18 08:06

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:52	K1E	TAL IRV

Client Sample ID: AOC1-B58-N5-D0.5-D

Lab Sample ID: 440-204170-22

Date Collected: 02/24/18 08:00

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460113	02/27/18 08:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/28/18 00:14	VS	TAL IRV

Client Sample ID: AOC1-B58-E5-D0.5-D

Lab Sample ID: 440-204170-23

Date Collected: 02/24/18 08:12

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460113	02/27/18 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/28/18 00:19	VS	TAL IRV

Client Sample ID: AOC1-B64-N5-D0.5-D

Lab Sample ID: 440-204170-24

Date Collected: 02/24/18 08:36

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460113	02/27/18 08:44	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/28/18 00:07	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B58-E5-D0.5

Lab Sample ID: 440-204170-25

Date Collected: 02/24/18 08:12

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:55	K1E	TAL IRV

Client Sample ID: AOC1-B58-S5-D0.5

Lab Sample ID: 440-204170-28

Date Collected: 02/24/18 08:18

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:57	K1E	TAL IRV

Client Sample ID: AOC1-B58-S10-D0.5

Lab Sample ID: 440-204170-31

Date Collected: 02/24/18 08:24

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 17:59	K1E	TAL IRV

Client Sample ID: AOC1-B58/64-9-D0.5

Lab Sample ID: 440-204170-34

Date Collected: 02/24/18 08:30

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 15:56	K1E	TAL IRV

Client Sample ID: AOC1-B64-N5-D0.5

Lab Sample ID: 440-204170-37

Date Collected: 02/24/18 08:36

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 15:59	K1E	TAL IRV

Client Sample ID: AOC1-B64-N10-D0.5

Lab Sample ID: 440-204170-40

Date Collected: 02/24/18 08:42

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:01	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B64-W5-D0.5

Lab Sample ID: 440-204170-43

Date Collected: 02/24/18 08:48

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:10	K1E	TAL IRV

Client Sample ID: AOC1-B64-S5-D0.5

Lab Sample ID: 440-204170-46

Date Collected: 02/24/18 08:54

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:12	K1E	TAL IRV

Client Sample ID: AOC1-B64-S10-D0.5

Lab Sample ID: 440-204170-49

Date Collected: 02/24/18 09:00

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:14	K1E	TAL IRV

Client Sample ID: AOC1-B64-W5-D0.5-D

Lab Sample ID: 440-204170-52

Date Collected: 02/24/18 08:50

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460113	02/27/18 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/28/18 00:31	VS	TAL IRV

Client Sample ID: AOC1-B34-N5-D0.5

Lab Sample ID: 440-204170-53

Date Collected: 02/24/18 09:20

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:17	K1E	TAL IRV

Client Sample ID: AOC1-B34-N10-D0.5

Lab Sample ID: 440-204170-56

Date Collected: 02/24/18 09:26

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:19	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B34-S5-D0.5-D

Lab Sample ID: 440-204170-59

Date Collected: 02/24/18 09:44

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 15:45	K1E	TAL IRV

Client Sample ID: AOC1-B34-E5-D0.5

Lab Sample ID: 440-204170-60

Date Collected: 02/24/18 09:32

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:21	K1E	TAL IRV

Client Sample ID: AOC1-B34-E10-D0.5

Lab Sample ID: 440-204170-63

Date Collected: 02/24/18 09:38

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:24	K1E	TAL IRV

Client Sample ID: AOC1-B34-S5-D0.5

Lab Sample ID: 440-204170-66

Date Collected: 02/24/18 09:44

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:26	K1E	TAL IRV

Client Sample ID: AOC1-B34-S10-D0.5

Lab Sample ID: 440-204170-69

Date Collected: 02/24/18 09:50

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:28	K1E	TAL IRV

Client Sample ID: AOC1-B1-N5-D0.5

Lab Sample ID: 440-204170-72

Date Collected: 02/24/18 07:37

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:31	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B1-N10-D0.5

Lab Sample ID: 440-204170-75

Date Collected: 02/24/18 07:30

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:38	K1E	TAL IRV

Client Sample ID: AOC1-B1-W5-D0.5

Lab Sample ID: 440-204170-78

Date Collected: 02/24/18 08:20

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:40	K1E	TAL IRV

Client Sample ID: AOC1-B1-W10-D0.5

Lab Sample ID: 440-204170-81

Date Collected: 02/24/18 08:07

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:42	K1E	TAL IRV

Client Sample ID: AOC1-B1-N5-D0.5-DUP

Lab Sample ID: 440-204170-84

Date Collected: 02/24/18 07:40

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460113	02/27/18 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/28/18 00:38	VS	TAL IRV

Client Sample ID: AOC1-B1-W10-D0.5-DUP

Lab Sample ID: 440-204170-85

Date Collected: 02/24/18 08:08

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460113	02/27/18 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/28/18 00:45	VS	TAL IRV

Client Sample ID: AOC1-B1-E5-D0.5

Lab Sample ID: 440-204170-86

Date Collected: 02/24/18 08:00

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:45	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B1-E10-D0.5

Lab Sample ID: 440-204170-89

Date Collected: 02/24/18 07:47

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:47	K1E	TAL IRV

Client Sample ID: AOC1-B10-N5-D0.5

Lab Sample ID: 440-204170-92

Date Collected: 02/24/18 08:46

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	460453	02/28/18 10:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460890	03/01/18 16:50	K1E	TAL IRV

Client Sample ID: AOC1-B10-N5-D0.5-DUP

Lab Sample ID: 440-204170-95

Date Collected: 02/24/18 08:48

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	460113	02/27/18 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			460397	02/28/18 00:52	VS	TAL IRV

Client Sample ID: AOC1-B10-N10-D0.5

Lab Sample ID: 440-204170-96

Date Collected: 02/24/18 08:38

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 18:04	K1E	TAL IRV

Client Sample ID: AOC1-B10-W5-D0.5

Lab Sample ID: 440-204170-99

Date Collected: 02/24/18 09:22

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 18:06	K1E	TAL IRV

Client Sample ID: AOC1-B10-W10-D0.5

Lab Sample ID: 440-204170-102

Date Collected: 02/24/18 09:10

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 18:09	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Client Sample ID: AOC1-B10-S5-D0.5

Lab Sample ID: 440-204170-105

Date Collected: 02/24/18 08:58

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 18:17	K1E	TAL IRV

Client Sample ID: AOC1-B10-S10-D0.5

Lab Sample ID: 440-204170-108

Date Collected: 02/24/18 08:52

Matrix: Solid

Date Received: 02/26/18 18:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	460414	02/28/18 09:22	DT	TAL IRV
Total/NA	Analysis	6010B		5			460919	03/01/18 18:20	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-460113/1-A ^5

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 460113

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/27/18 08:44	02/27/18 23:39	5

Lab Sample ID: LCS 440-460113/2-A ^5

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	42.8		mg/Kg		86	80 - 120

Lab Sample ID: 440-204170-11 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B91-N10-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	16		49.5	64.2		mg/Kg		98	75 - 125

Lab Sample ID: 440-204170-11 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B91-N10-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	16		49.3	62.9		mg/Kg		96	75 - 125	2	20

Lab Sample ID: 440-204170-12 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B91-S10-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	7.3		49.3	52.3		mg/Kg		91	75 - 125

Lab Sample ID: 440-204170-12 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B91-S10-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	7.3		50.0	52.2		mg/Kg		90	75 - 125	0	20

Lab Sample ID: 440-204170-22 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B58-N5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.8		49.8	52.0		mg/Kg		93	75 - 125

Lab Sample ID: 440-204170-22 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B58-N5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	5.8		49.5	61.9		mg/Kg		113	75 - 125	17	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Lab Sample ID: 440-204170-23 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B58-E5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	8.4		49.3	53.4		mg/Kg		91	75 - 125		

Lab Sample ID: 440-204170-23 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B58-E5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	8.4		49.5	55.8		mg/Kg		96	75 - 125	4	20

Lab Sample ID: 440-204170-24 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B64-N5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	10		49.8	51.2		mg/Kg		82	75 - 125		

Lab Sample ID: 440-204170-24 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B64-N5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	10		49.3	59.0		mg/Kg		99	75 - 125	14	20

Lab Sample ID: 440-204170-52 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B64-W5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	12		49.3	60.2		mg/Kg		98	75 - 125		

Lab Sample ID: 440-204170-52 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B64-W5-D0.5-D

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	12		49.8	61.2		mg/Kg		99	75 - 125	2	20

Lab Sample ID: 440-204170-84 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B1-N5-D0.5-DUP

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	8.0		49.5	63.0		mg/Kg		111	75 - 125		

Lab Sample ID: 440-204170-84 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B1-N5-D0.5-DUP

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	8.0		49.5	58.0		mg/Kg		101	75 - 125	8	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

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

Lab Sample ID: 440-204170-85 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B1-W10-D0.5-DUP

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	11		50.0	57.1		mg/Kg		92	75 - 125

Lab Sample ID: 440-204170-85 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B1-W10-D0.5-DUP

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	11		49.8	69.2		mg/Kg		117	75 - 125	19	20

Lab Sample ID: 440-204170-95 MS

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B10-N5-D0.5-DUP

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	11		49.5	61.9		mg/Kg		102	75 - 125

Lab Sample ID: 440-204170-95 MSD

Matrix: Solid

Analysis Batch: 460397

Client Sample ID: AOC1-B10-N5-D0.5-DUP

Prep Type: Total/NA

Prep Batch: 460113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	11		49.8	58.5		mg/Kg		95	75 - 125	6	20

Lab Sample ID: MB 440-460414/1-A ^5

Matrix: Solid

Analysis Batch: 460919

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 460414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/28/18 08:33	03/01/18 16:52	5

Lab Sample ID: LCS 440-460414/2-A ^5

Matrix: Solid

Analysis Batch: 460919

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 460414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	44.1		mg/Kg		89	80 - 120

Lab Sample ID: 440-203962-D-1-G MS ^10

Matrix: Solid

Analysis Batch: 460919

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 460414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	5.0	J	49.5	45.5		mg/Kg		82	75 - 125

Lab Sample ID: 440-203962-D-1-H MSD ^10

Matrix: Solid

Analysis Batch: 460919

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 460414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	5.0	J	49.8	47.8		mg/Kg		86	75 - 125	5	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Lab Sample ID: MB 440-460453/1-A ^5
Matrix: Solid
Analysis Batch: 460890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 460453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		02/28/18 10:22	03/01/18 15:40	5
Lead	ND		2.0	0.99	mg/Kg		02/28/18 10:22	03/01/18 15:40	5

Lab Sample ID: LCS 440-460453/2-A ^5
Matrix: Solid
Analysis Batch: 460890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 460453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.5	44.0		mg/Kg		89	80 - 120
Lead	49.5	44.3		mg/Kg		90	80 - 120

Lab Sample ID: 440-204170-59 MS
Matrix: Solid
Analysis Batch: 460890

Client Sample ID: AOC1-B34-S5-D0.5-D
Prep Type: Total/NA
Prep Batch: 460453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	18		49.8	64.5		mg/Kg		93	75 - 125

Lab Sample ID: 440-204170-59 MSD
Matrix: Solid
Analysis Batch: 460890

Client Sample ID: AOC1-B34-S5-D0.5-D
Prep Type: Total/NA
Prep Batch: 460453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	18		49.3	63.0		mg/Kg		91	75 - 125	2	20

Lab Sample ID: MB 440-461030/1-A
Matrix: Water
Analysis Batch: 461579

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 461030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		03/02/18 10:19	03/05/18 18:08	1
Lead	ND		0.0050	0.0038	mg/L		03/02/18 10:19	03/05/18 18:08	1

Lab Sample ID: LCS 440-461030/2-A
Matrix: Water
Analysis Batch: 461579

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 461030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.13		mg/L		113	80 - 120
Lead	1.00	1.09		mg/L		109	80 - 120

Lab Sample ID: 440-203937-F-3-B MS
Matrix: Water
Analysis Batch: 461579

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 461030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.10		mg/L		110	75 - 125
Lead	ND		1.00	1.07		mg/L		107	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

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

Lab Sample ID: 440-203937-F-3-C MSD

Matrix: Water

Analysis Batch: 461579

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 461030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.10		mg/L		110	75 - 125	1	20
Lead	ND		1.00	1.07		mg/L		107	75 - 125	1	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Metals

Prep Batch: 460113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-11	AOC1-B91-N10-D0.5-D	Total/NA	Solid	3050B	
440-204170-12	AOC1-B91-S10-D0.5-D	Total/NA	Solid	3050B	
440-204170-22	AOC1-B58-N5-D0.5-D	Total/NA	Solid	3050B	
440-204170-23	AOC1-B58-E5-D0.5-D	Total/NA	Solid	3050B	
440-204170-24	AOC1-B64-N5-D0.5-D	Total/NA	Solid	3050B	
440-204170-52	AOC1-B64-W5-D0.5-D	Total/NA	Solid	3050B	
440-204170-84	AOC1-B1-N5-D0.5-DUP	Total/NA	Solid	3050B	
440-204170-85	AOC1-B1-W10-D0.5-DUP	Total/NA	Solid	3050B	
440-204170-95	AOC1-B10-N5-D0.5-DUP	Total/NA	Solid	3050B	
MB 440-460113/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-460113/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-204170-11 MS	AOC1-B91-N10-D0.5-D	Total/NA	Solid	3050B	
440-204170-11 MSD	AOC1-B91-N10-D0.5-D	Total/NA	Solid	3050B	
440-204170-12 MS	AOC1-B91-S10-D0.5-D	Total/NA	Solid	3050B	
440-204170-12 MSD	AOC1-B91-S10-D0.5-D	Total/NA	Solid	3050B	
440-204170-22 MS	AOC1-B58-N5-D0.5-D	Total/NA	Solid	3050B	
440-204170-22 MSD	AOC1-B58-N5-D0.5-D	Total/NA	Solid	3050B	
440-204170-23 MS	AOC1-B58-E5-D0.5-D	Total/NA	Solid	3050B	
440-204170-23 MSD	AOC1-B58-E5-D0.5-D	Total/NA	Solid	3050B	
440-204170-24 MS	AOC1-B64-N5-D0.5-D	Total/NA	Solid	3050B	
440-204170-24 MSD	AOC1-B64-N5-D0.5-D	Total/NA	Solid	3050B	
440-204170-52 MS	AOC1-B64-W5-D0.5-D	Total/NA	Solid	3050B	
440-204170-52 MSD	AOC1-B64-W5-D0.5-D	Total/NA	Solid	3050B	
440-204170-84 MS	AOC1-B1-N5-D0.5-DUP	Total/NA	Solid	3050B	
440-204170-84 MSD	AOC1-B1-N5-D0.5-DUP	Total/NA	Solid	3050B	
440-204170-85 MS	AOC1-B1-W10-D0.5-DUP	Total/NA	Solid	3050B	
440-204170-85 MSD	AOC1-B1-W10-D0.5-DUP	Total/NA	Solid	3050B	
440-204170-95 MS	AOC1-B10-N5-D0.5-DUP	Total/NA	Solid	3050B	
440-204170-95 MSD	AOC1-B10-N5-D0.5-DUP	Total/NA	Solid	3050B	

Analysis Batch: 460397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-11	AOC1-B91-N10-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-12	AOC1-B91-S10-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-22	AOC1-B58-N5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-23	AOC1-B58-E5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-24	AOC1-B64-N5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-52	AOC1-B64-W5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-84	AOC1-B1-N5-D0.5-DUP	Total/NA	Solid	6010B	460113
440-204170-85	AOC1-B1-W10-D0.5-DUP	Total/NA	Solid	6010B	460113
440-204170-95	AOC1-B10-N5-D0.5-DUP	Total/NA	Solid	6010B	460113
MB 440-460113/1-A ^5	Method Blank	Total/NA	Solid	6010B	460113
LCS 440-460113/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	460113
440-204170-11 MS	AOC1-B91-N10-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-11 MSD	AOC1-B91-N10-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-12 MS	AOC1-B91-S10-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-12 MSD	AOC1-B91-S10-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-22 MS	AOC1-B58-N5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-22 MSD	AOC1-B58-N5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-23 MS	AOC1-B58-E5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-23 MSD	AOC1-B58-E5-D0.5-D	Total/NA	Solid	6010B	460113

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Metals (Continued)

Analysis Batch: 460397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-24 MS	AOC1-B64-N5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-24 MSD	AOC1-B64-N5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-52 MS	AOC1-B64-W5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-52 MSD	AOC1-B64-W5-D0.5-D	Total/NA	Solid	6010B	460113
440-204170-84 MS	AOC1-B1-N5-D0.5-DUP	Total/NA	Solid	6010B	460113
440-204170-84 MSD	AOC1-B1-N5-D0.5-DUP	Total/NA	Solid	6010B	460113
440-204170-85 MS	AOC1-B1-W10-D0.5-DUP	Total/NA	Solid	6010B	460113
440-204170-85 MSD	AOC1-B1-W10-D0.5-DUP	Total/NA	Solid	6010B	460113
440-204170-95 MS	AOC1-B10-N5-D0.5-DUP	Total/NA	Solid	6010B	460113
440-204170-95 MSD	AOC1-B10-N5-D0.5-DUP	Total/NA	Solid	6010B	460113

Prep Batch: 460414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-2	AOC1-B91-N5-D0.5	Total/NA	Solid	3050B	
440-204170-5	AOC1-B91-N10-D0.5	Total/NA	Solid	3050B	
440-204170-8	AOC1-B91-S5-D0.5	Total/NA	Solid	3050B	
440-204170-13	AOC1-B91-S10-D0.5	Total/NA	Solid	3050B	
440-204170-16	AOC1-B58-N5-D0.5	Total/NA	Solid	3050B	
440-204170-19	AOC1-B58-N10-D0.5	Total/NA	Solid	3050B	
440-204170-25	AOC1-B58-E5-D0.5	Total/NA	Solid	3050B	
440-204170-28	AOC1-B58-S5-D0.5	Total/NA	Solid	3050B	
440-204170-31	AOC1-B58-S10-D0.5	Total/NA	Solid	3050B	
440-204170-96	AOC1-B10-N10-D0.5	Total/NA	Solid	3050B	
440-204170-99	AOC1-B10-W5-D0.5	Total/NA	Solid	3050B	
440-204170-102	AOC1-B10-W10-D0.5	Total/NA	Solid	3050B	
440-204170-105	AOC1-B10-S5-D0.5	Total/NA	Solid	3050B	
440-204170-108	AOC1-B10-S10-D0.5	Total/NA	Solid	3050B	
MB 440-460414/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-460414/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-203962-D-1-G MS ^10	Matrix Spike	Total/NA	Solid	3050B	
440-203962-D-1-H MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 460453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-34	AOC1-B58/64-9-D0.5	Total/NA	Solid	3050B	
440-204170-37	AOC1-B64-N5-D0.5	Total/NA	Solid	3050B	
440-204170-40	AOC1-B64-N10-D0.5	Total/NA	Solid	3050B	
440-204170-43	AOC1-B64-W5-D0.5	Total/NA	Solid	3050B	
440-204170-46	AOC1-B64-S5-D0.5	Total/NA	Solid	3050B	
440-204170-49	AOC1-B64-S10-D0.5	Total/NA	Solid	3050B	
440-204170-53	AOC1-B34-N5-D0.5	Total/NA	Solid	3050B	
440-204170-56	AOC1-B34-N10-D0.5	Total/NA	Solid	3050B	
440-204170-59	AOC1-B34-S5-D0.5-D	Total/NA	Solid	3050B	
440-204170-60	AOC1-B34-E5-D0.5	Total/NA	Solid	3050B	
440-204170-63	AOC1-B34-E10-D0.5	Total/NA	Solid	3050B	
440-204170-66	AOC1-B34-S5-D0.5	Total/NA	Solid	3050B	
440-204170-69	AOC1-B34-S10-D0.5	Total/NA	Solid	3050B	
440-204170-72	AOC1-B1-N5-D0.5	Total/NA	Solid	3050B	
440-204170-75	AOC1-B1-N10-D0.5	Total/NA	Solid	3050B	
440-204170-78	AOC1-B1-W5-D0.5	Total/NA	Solid	3050B	
440-204170-81	AOC1-B1-W10-D0.5	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Metals (Continued)

Prep Batch: 460453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-86	AOC1-B1-E5-D0.5	Total/NA	Solid	3050B	
440-204170-89	AOC1-B1-E10-D0.5	Total/NA	Solid	3050B	
440-204170-92	AOC1-B10-N5-D0.5	Total/NA	Solid	3050B	
MB 440-460453/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-460453/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-204170-59 MS	AOC1-B34-S5-D0.5-D	Total/NA	Solid	3050B	
440-204170-59 MSD	AOC1-B34-S5-D0.5-D	Total/NA	Solid	3050B	

Analysis Batch: 460890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-34	AOC1-B58/64-9-D0.5	Total/NA	Solid	6010B	460453
440-204170-37	AOC1-B64-N5-D0.5	Total/NA	Solid	6010B	460453
440-204170-40	AOC1-B64-N10-D0.5	Total/NA	Solid	6010B	460453
440-204170-43	AOC1-B64-W5-D0.5	Total/NA	Solid	6010B	460453
440-204170-46	AOC1-B64-S5-D0.5	Total/NA	Solid	6010B	460453
440-204170-49	AOC1-B64-S10-D0.5	Total/NA	Solid	6010B	460453
440-204170-53	AOC1-B34-N5-D0.5	Total/NA	Solid	6010B	460453
440-204170-56	AOC1-B34-N10-D0.5	Total/NA	Solid	6010B	460453
440-204170-59	AOC1-B34-S5-D0.5-D	Total/NA	Solid	6010B	460453
440-204170-60	AOC1-B34-E5-D0.5	Total/NA	Solid	6010B	460453
440-204170-63	AOC1-B34-E10-D0.5	Total/NA	Solid	6010B	460453
440-204170-66	AOC1-B34-S5-D0.5	Total/NA	Solid	6010B	460453
440-204170-69	AOC1-B34-S10-D0.5	Total/NA	Solid	6010B	460453
440-204170-72	AOC1-B1-N5-D0.5	Total/NA	Solid	6010B	460453
440-204170-75	AOC1-B1-N10-D0.5	Total/NA	Solid	6010B	460453
440-204170-78	AOC1-B1-W5-D0.5	Total/NA	Solid	6010B	460453
440-204170-81	AOC1-B1-W10-D0.5	Total/NA	Solid	6010B	460453
440-204170-86	AOC1-B1-E5-D0.5	Total/NA	Solid	6010B	460453
440-204170-89	AOC1-B1-E10-D0.5	Total/NA	Solid	6010B	460453
440-204170-92	AOC1-B10-N5-D0.5	Total/NA	Solid	6010B	460453
MB 440-460453/1-A ^5	Method Blank	Total/NA	Solid	6010B	460453
LCS 440-460453/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	460453
440-204170-59 MS	AOC1-B34-S5-D0.5-D	Total/NA	Solid	6010B	460453
440-204170-59 MSD	AOC1-B34-S5-D0.5-D	Total/NA	Solid	6010B	460453

Analysis Batch: 460919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-2	AOC1-B91-N5-D0.5	Total/NA	Solid	6010B	460414
440-204170-5	AOC1-B91-N10-D0.5	Total/NA	Solid	6010B	460414
440-204170-8	AOC1-B91-S5-D0.5	Total/NA	Solid	6010B	460414
440-204170-13	AOC1-B91-S10-D0.5	Total/NA	Solid	6010B	460414
440-204170-16	AOC1-B58-N5-D0.5	Total/NA	Solid	6010B	460414
440-204170-19	AOC1-B58-N10-D0.5	Total/NA	Solid	6010B	460414
440-204170-25	AOC1-B58-E5-D0.5	Total/NA	Solid	6010B	460414
440-204170-28	AOC1-B58-S5-D0.5	Total/NA	Solid	6010B	460414
440-204170-31	AOC1-B58-S10-D0.5	Total/NA	Solid	6010B	460414
440-204170-96	AOC1-B10-N10-D0.5	Total/NA	Solid	6010B	460414
440-204170-99	AOC1-B10-W5-D0.5	Total/NA	Solid	6010B	460414
440-204170-102	AOC1-B10-W10-D0.5	Total/NA	Solid	6010B	460414
440-204170-105	AOC1-B10-S5-D0.5	Total/NA	Solid	6010B	460414
440-204170-108	AOC1-B10-S10-D0.5	Total/NA	Solid	6010B	460414

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Metals (Continued)

Analysis Batch: 460919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-460414/1-A ^5	Method Blank	Total/NA	Solid	6010B	460414
LCS 440-460414/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	460414
440-203962-D-1-G MS ^10	Matrix Spike	Total/NA	Solid	6010B	460414
440-203962-D-1-H MSD ^10	Matrix Spike Duplicate	Total/NA	Solid	6010B	460414

Prep Batch: 461030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-1	F022418	Total Recoverable	Water	3005A	
MB 440-461030/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-461030/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-203937-F-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
440-203937-F-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 461579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-204170-1	F022418	Total Recoverable	Water	6010B	461030
MB 440-461030/1-A	Method Blank	Total Recoverable	Water	6010B	461030
LCS 440-461030/2-A	Lab Control Sample	Total Recoverable	Water	6010B	461030
440-203937-F-3-B MS	Matrix Spike	Total Recoverable	Water	6010B	461030
440-203937-F-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	461030

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-204170-1

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

Analysis Method	Prep Method	Matrix	Analyte
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TestAmerica Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949 261 1022 fax 949 260 3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:	
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018	
Project Name: Reseda HS PEA		Analysis Turnaround Time		Filtered Sample (Y/N)		Arsenic		Lead	
Site: Reseda HS		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
P O #		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Date		Sample Time			
F022418		2/24/2018		0730		G		2	
A001-B91-N5-P0.5		2/24/2018		0730		G		1	
A001-B91-N5-P1.5		2/24/2018		0730		G		1	
A001-B91-N5-P2.5		2/24/2018		0730		G		1	
A001-B91-N10-P0.5		2/24/2018		0740		G		1	
A001-B91-N10-P1.5		2/24/2018		0740		G		1	
A001-B91-N10-P2.5		2/24/2018		0744		G		1	
A001-B91-S5-P0.5		2/24/2018		0746		G		1	
A001-B91-S5-P1.5		2/24/2018		0748		G		1	
A001-B91-S5-P2.5		2/24/2018		0750		G		1	
A001-B91-N10-P0.5-D		2/24/2018		0746		G		1	
A001-B91-S10-P0.5		2/24/2018		0752		G		1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client ☐ Disposal by Lab ☒ Archive for Months

2/26/18 0.6/0.1 25/2.0 1.3/0.8

4.6

Therm ID No.:

Received by: [Signature] Date/Time: 2-26-18 12:00

Received by: [Signature] Date/Time: 2-26-18 18:00

Received in Laboratory by: [Signature] Date/Time: 2-26-18 18:00

TestAmerica, Irvine
17461 Denian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						2 of 12 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson		
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:		
Project Name: Reseda HS PEA								Walk-in Client		
Site: Reseda HS								Lab Sampling:		
P O #								Job / SDG No.		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Arsenic	Lead	Sample Specific Notes:
A001-B91-S10-P05		2/24/2018	0752	G	S	1				
A001-B91-S10-P15		2/24/2018	0754	G	S	1				
A001-B91-S10-P25		2/24/2018	0756	G	S	1				
A001-B58-N15-P05		2/24/2018	0800	G	S	1				
A001-B58-N30-P15		2/24/2018	0802	G	S	1				
A001-B58-N5-P25		2/24/2018	0804	G	S	1				
A001-B58-N10-P05		2/24/2018	0806	G	S	1				
A001-B58-N10-P15		2/24/2018	0808	G	S	1				
A001-B58-N10-P25		2/24/2018	0810	G	S	1				
A001-B58-N10-P05		2/24/2018	0800	G	S	1				
A001-B58-N10-P15		2/24/2018	0812	G	S	1				
A001-B58-N10-P25		2/24/2018	0836	G	S	1				
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Corr'd:		Therm ID No.:
Relinquished by:		Company: Parsons		Date/Time: 2/26/2018		Received by:		Company: T		Date/Time: 2/26/18 12:00
Relinquished by:		Company: T		Date/Time: 2/26/18 12:00		Received by:		Company:		Date/Time:
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: TA-12 v		Date/Time: 2/26/18 1810

TestAmerica, Irvine
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						Sampler: Nenette Paulson		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:		
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client:		
Project Name: Reseda HS PEA								Lab Sampling:		
Site: Reseda HS								Job / SDG No.:		
P O #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Ascentic	Lead	Sample Specific Notes:
AOC1-B58-ES-00.5		2/24/2018	0812	G	S	1				
AOC1-B58-ES-01.5		2/24/2018	0814	G	S	1				
AOC1-B58-ES-02.5		2/24/2018	0816	G	S	1				
AOC1-B58-SS-00.5		2/24/2018	0818	G	S	1				
AOC1-B58-SS-01.5		2/24/2018	0820	G	S	1				
AOC1-B58-SS-02.5		2/24/2018	0822	G	S	1				
AOC1-B58-SS-00.5		2/24/2018	0824	G	S	1				
AOC1-B58-SS-01.5		2/24/2018	0826	G	S	1				
AOC1-B58-SS-02.5		2/24/2018	0828	G	S	1				
AOC1-B58-SS-00.5		2/24/2018	0830	G	S	1				
AOC1-B58-SS-01.5		2/24/2018	0832	G	S	1				
AOC1-B58-SS-02.5		2/24/2018	0834	G	S	1				
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample										
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:		
Relinquished by: <i>AN</i>		Company: Parsons		Date/Time: 2/26/2018		Received by: <i>AN</i>		Company: <i>AN</i>		
Relinquished by: <i>AN</i>		Company: <i>AN</i>		Date/Time: 2/26/2018		Received by: <i>AN</i>		Company: <i>AN</i>		
Relinquished by: <i>AN</i>		Company: <i>AN</i>		Date/Time: 2/26/2018		Received by: <i>AN</i>		Company: <i>AN</i>		

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

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17461 Derian Avenue
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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018			
100 West Walnut St		Analysis Turnaround Time						5 of 12 COCs			
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson			
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:			
Project Name: Reseda HS PEA								Walk-in Client:			
Site: Reseda HS								Lab Sampling:			
P O #								Job / SDG No.:			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead	Arsonic	Sample Specific Notes:
AOC1-B64-S10-D05		2/24/2018	0900	G	S	1					
AOC1-B64-S10-D15		2/24/2018	0900	G	S	1					
AOC1-B64-S10-D25		2/24/2018	0900	G	S	1					
AOC1-B64-W5-D05-D		2/24/2018	0850	G	S	1					
AOC1-B34-N5-D15		2/24/2018	0920	G	S	1					
AOC1-B34-N5-D15		2/24/2018	0922	G	S	1					
AOC1-B34-N5-D25		2/24/2018	0924	G	S	1					
AOC1-B34-N10-D05		2/24/2018	0926	G	S	1					
AOC1-B34-N10-D15		2/24/2018	0928	G	S	1					
AOC1-B34-N10-D25		2/24/2018	0930	G	S	1					
AOC1-B34-S5-D05-D		2/24/2018	0944	G	S	1					
2/24/2018		2/24/2018		G	S	1					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal No.:		Cooler Temp (°C): Obs'd		Therm ID No.:	
Relinquished by:	Company: Parsons	Received by:	Company: Tm	Date/Time:	2/26/18 12:00
Relinquished by:	Company: Tm	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Received in Laboratory by:	Company: TH-12V	Date/Time:	2/26/18 18:10

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

TestAmerica, Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949 261.1022 fax 949 260 3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No.			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018			
100 West Walnut St		Analysis Turnaround Time						of 12 COCs			
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson			
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:			
Project Name: Reseda HS PEA								Walk-in Client:			
Site: Reseda HS								Lab Sampling:			
P O #								Job / SDG No :			
Sample Identification		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Lead	Arsonic	Sample Specific Notes:
A001-B34-E5-D05		2/24/2018	0732	G	S	1			X		
A001-B34-E5-D15		2/24/2018	0734	G	S	1			X		
A001-B34-E5-D25		2/24/2018	0736	G	S	1			X		
A001-B34-E10-D05		2/24/2018	0738	G	S	1			X		
A001-B34-E16-D15		2/24/2018	0740	G	S	1			X		
A001-B34-E10-D25		2/24/2018	0742	G	S	1			X		
A001-B34-E5-D05		2/24/2018	0744	G	S	1			X		
A001-B34-E5-D15		2/24/2018	0746	G	S	1			X		
A001-B34-E5-D25		2/24/2018	0748	G	S	1			X		
A001-B34-E10-D05		2/24/2018	0750	G	S	1			X		
A001-B34-E10-D15		2/24/2018	0752	G	S	1			X		
A001-B34-E10-D25		2/24/2018	0754	G	S	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Relinquished by:	Company: Parsons	Received by:	Company: [Signature]	Date/Time:	2-26-18 12:00
Relinquished by:	Company: [Signature]	Received by:	Company: [Signature]	Date/Time:	2-26-18 12:00
Relinquished by:	Company: [Signature]	Received in Laboratory by:	Company: [Signature]	Date/Time:	2-26-18 1810

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

TestAmerica, Irvine
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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						7 of 10 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson		
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> Std						For Lab Use Only:		
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client:		
Site: Reseda HS		<input type="checkbox"/> 1 week						Lab Sampling:		
P O #		<input type="checkbox"/> 2 days						Job / SDG No.:		
		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Asesic	Lead	Sample Specific Notes:
AOC1-B1-N5-D0.5		2/24/2018	0737	G	S	1		X		
AOC1-B1-N5-D1.5		2/24/2018	0742	G	S	1		H		
AOC1-B1-N5-D2.5		2/24/2018	0745	G	S	1		H		
AOC1-B1-N10-D0.5		2/24/2018	0730	G	S	1		X		
AOC1-B1-N10-D1.5		2/24/2018	0732	G	S	1		H		
AOC1-B1-N10-D2.5		2/24/2018	0735	G	S	1		H		
AOC1-B1-W5-D0.5		2/24/2018	0820	G	S	1		X		
AOC1-B1-W5-D1.5		2/24/2018	0822	G	S	1		H		
AOC1-B1-W5-D2.5		2/24/2018	0825	G	S	1		H		
AOC1-B1-W10-D0.5		2/24/2018	0807	G	S	1		X		
AOC1-B1-W10-D1.5		2/24/2018	0810	G	S	1		H		
AOC1-B1-W10-D2.5		2/24/2018	0812	G	S	1		H		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other										
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp. (°C): Obs'd		Corr'd		Therm ID No.:		
Relinquished by:		Company: Parsons		Received by:		Company: Parsons		Date/Time: 2-26-18 12:10		
Relinquished by:		Company: JN		Received by:		Company: JN		Date/Time: 2/26/18 18:10		
Relinquished by:		Company:		Received in Laboratory by:		Company: JN		Date/Time: 2/26/18 18:10		

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

TestAmerica, Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chapter 1 of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						8 of 12 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nette Paulson		
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only:		
Project Name: Reseda HS PEA								Walk-in Client:		
Site: Reseda HS								Lab Sampling:		
P O #								Job / SDG No.:		
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Arsenic	Lead	Sample Specific Notes:
A001-B1-N5-D0.5-Dug		2/24/2018	0740	G	S	1				
A001-B1-W10-D0.5-Dug		2/24/2018	0808	G	S	1				
A001-B1-E5-D0.5-Dug		2/24/2018	0808	G	S	1				
A001-B1-E5-D1.5		2/24/2018	0802	G	S	1				
A001-B1-E5-D2.5		2/24/2018	0805	G	S	1				
A001-B1-E10-D0.5		2/24/2018	0747	G	S	1				
A001-B1-E10-D1.5		2/24/2018	0748	G	S	1				
A001-B1-E10-D2.5		2/24/2018	0750	G	S	1				
A001-B10-N5-D0.5		2/24/2018	0846	G	S	1				
A001-B10-N5-D1.5		2/24/2018	0850	G	S	1				
A001-B10-N5-D2.5		2/24/2018	0852	G	S	1				
A001-B10-N5-D0.5-Dug		2/24/2018	0848	G	S	1				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other:

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal Intact.	Yes	No	Custody Seal No.	Company: Parsons	Date/Time: 2/26/2018	Received by: [Signature]	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:									
Relinquished by:									
Relinquished by:									

Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

TestAmerica, Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ OW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Carrier:		COC No:		
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata				2/24/2018		
100 West Walnut St		Analysis Turnaround Time						9 of 10 COCs		
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						Sampler: Nenette Paulson		
(626) 440-6133		TAT if different from Below: _____						For Lab Use Only:		
Project Name: Reseda HS PEA		<input checked="" type="checkbox"/> 2 weeks						Walk-in Client.		
Site: Reseda HS		<input type="checkbox"/> 1 week						Lab Sampling.		
P O #		<input type="checkbox"/> 2 days						Job / SDG No.:		
		<input type="checkbox"/> 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Arsenic	Lead	Sample Specific Notes:
A001-B10-N10-D0.5		2/24/2018	0830	G	S	1		X		
A001-B10-N10-D1.5		2/24/2018	0840	G	S	1		H		
A001-B10-N10-D2.5		2/24/2018	0844	G	S	1		H		
A001-B10-W5-D0.5		2/24/2018	0922	G	S	1		X		
A001-B10-W3-D1.5		2/24/2018	0924	G	S	1		H		
A001-B10-W3-D2.5		2/24/2018	0925	G	S	1		H		
A001-B10-W10-D0.5		2/24/2018	0910	G	S	1		X		
A001-B10-W10-D1.5		2/24/2018	0912	G	S	1		H		
A001-B10-W10-D2.5		2/24/2018	0914	G	S	1		H		
A001-B10-S5-D0.5		2/24/2018	0858	G	S	1		X		
A001-B10-S5-D1.5		2/24/2018	0900	G	S	1		H		
A001-B10-S5-D2.5		2/24/2018	0902	G	S	1		H		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seal No	Custody Seal No	Cooler Temp. (°C)	Obs'd	Corr'd	Therm ID No.
Relinquished by: [Signature]	Company: Parsons	2/24/2018	2/24/2018	12:00	2/24/2018
Relinquished by: [Signature]	Company: [Signature]	2/24/2018	2/24/2018	12:00	2/24/2018
Relinquished by: [Signature]	Company: [Signature]	2/24/2018	2/24/2018	12:00	2/24/2018

Return to Client ☐ Disposal by Lab ☒ Archive for _____ Months

phone 949.261.1022 fax 949.260.3299

Irvine, CA 92614-5843

phone 949.261.1022 fax 949.260.3299

Regulatory Program: ☐ DW☒ Other:☐ RCRA ☒ Other:

TestAmerica Laboratories Inc

Client Contact		Project Manager: Justin King Tel/Fax: 626-440-6133		Site Contact: Nenette Paulson Lab Contact: Patty Mata		COC No: 2/24/2018	
Parsons 100 West Walnut St Pasadena, Ca 91124 (626) 440-6133						Carrier: _____ <u>10</u> of <u>10</u> COCs	
Analysis Turnaround Time						Sampler: Nenette Paulson	
<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____	
Project Name: Reseda HS PEA						Job / SDG No.: _____	
Site: Reseda HS							
PO # _____							

Sample Identification			Sample Date	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performance MS/MSD (Y/N)	Arsenic	Lead
A001 - B10-S10-D0.5			2/24/2018	G	S	1			X	
A001 - B10-S10-P1.5			2/24/2018	G	S	1			H	
A001 - B10-S10-D2.5			2/24/2018	G	S	1			H	
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				
			2/24/2018	G	S	1				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: *NOTE: H = HOLD Sample

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: _____ Cor'd: _____		Therm ID No.: _____	
Relinquished by: _____	Company: Parsons	Date/Time: 2/24/2018	Received by: _____	Company: _____	Date/Time: 2-26-18 12:00
Relinquished by: _____	Company: _____	Date/Time: 2-26-18 11:11	Received by: _____	Company: _____	Date/Time: _____
Relinquished by: _____	Company: _____	Date/Time: _____	Received in Laboratory by: _____	Company: A-12V	Date/Time: 2-26-18 1810

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-204170-1

Login Number: 204170

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-207080-1

Client Project/Site: LAUSD Reseda H.S., CA

Revision: 1

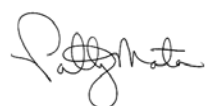
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

4/16/2018 2:57:31 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-207080-1	AOC1-B91-N15-D0.5	Solid	03/26/18 09:00	03/26/18 18:40
440-207080-4	AOC1-B91-N20-D0.5	Solid	03/26/18 09:06	03/26/18 18:40
440-207080-7	AOC1-B91-E5-D0.5	Solid	03/26/18 09:12	03/26/18 18:40
440-207080-10	AOC1-B91-E10-D0.5	Solid	03/26/18 09:18	03/26/18 18:40
440-207080-13	AOC1-B22-N15-D0.5	Solid	03/26/18 09:56	03/26/18 18:40
440-207080-16	AOC1-B22-S15-D0.5	Solid	03/26/18 10:02	03/26/18 18:40
440-207080-19	AOC1-B22-S20-D0.5	Solid	03/26/18 10:08	03/26/18 18:40
440-207080-22	AOC1-B8-S15-D0.5	Solid	03/26/18 11:30	03/26/18 18:40
440-207080-25	AOC1-B8-S20-D0.5	Solid	03/26/18 11:36	03/26/18 18:40
440-207080-28	AOC1-B81-NE15-D0.5	Solid	03/26/18 12:30	03/26/18 18:40
440-207080-31	AOC1-B81-NE20-D0.5	Solid	03/26/18 12:36	03/26/18 18:40
440-207080-34	AOC1-B81-SW15-D0.5	Solid	03/26/18 12:42	03/26/18 18:40
440-207080-37	AOC1-B81-SW20-D0.5	Solid	03/26/18 12:48	03/26/18 18:40
440-207080-40	AOC1-B77-NW5-D3.5	Solid	03/26/18 13:00	03/26/18 18:40
440-207080-41	AOC1-B77-NW10-D3.5	Solid	03/26/18 13:02	03/26/18 18:40
440-207080-42	AOC1-B77-N-SE5-D3.5	Solid	03/26/18 13:04	03/26/18 18:40
440-207080-43	AOC1-B77-D3.5	Solid	03/26/18 13:06	03/26/18 18:40
440-207080-44	AOC1-B77-NW20-D0.5	Solid	03/26/18 13:08	03/26/18 18:40
440-207080-45	AOC1-B77-NW20-D1.5	Solid	03/26/18 13:10	03/26/18 18:40
440-207080-46	AOC1-B77-NW20-D2.5	Solid	03/26/18 13:12	03/26/18 18:40
440-207080-48	AOC1-B77-NW38-D0.5	Solid	03/26/18 13:16	03/26/18 18:40
440-207080-49	AOC1-B77-NW38-D1.5	Solid	03/26/18 13:18	03/26/18 18:40
440-207080-50	AOC1-B77-NW38-D2.5	Solid	03/26/18 13:20	03/26/18 18:40
440-207080-52	AOC1-B77-SE22-D0.5	Solid	03/26/18 13:24	03/26/18 18:40
440-207080-53	AOC1-B77-SE22-D1.5	Solid	03/26/18 13:26	03/26/18 18:40
440-207080-55	AOC1-B78-NW22-D0.5	Solid	03/26/18 13:30	03/26/18 18:40
440-207080-58	AOC1-B112-N15-D0.5	Solid	03/26/18 14:30	03/26/18 18:40
440-207080-61	AOC1-B112-N20-D0.5	Solid	03/26/18 14:36	03/26/18 18:40
440-207080-65	AOC1-B8-S15-D0.5-D	Solid	03/26/18 11:30	03/26/18 18:40
440-207080-66	AOC1-B22-S20-D0.5-D	Solid	03/26/18 10:08	03/26/18 18:40
440-207080-67	AOC1-B77-NW20-D0.5-D	Solid	03/26/18 13:08	03/26/18 18:40
440-207080-68	AOC1-B77-NW38-D0.5-D	Solid	03/26/18 13:16	03/26/18 18:40
440-207080-69	AOC1-B81-NE15-D0.5-D	Solid	03/26/18 12:30	03/26/18 18:40
440-207080-70	AOC1-B81-SW20-D0.5-D	Solid	03/26/18 12:48	03/26/18 18:40
440-207080-71	AOC1-B91-E10-D0.5-D	Solid	03/26/18 09:18	03/26/18 18:40
440-207080-72	AOC1-B112-N15-D0.5-D	Solid	03/26/18 14:30	03/26/18 18:40
440-207080-73	F032618A	Water	03/26/18 07:30	03/26/18 18:40

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Job ID: 440-207080-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-207080-1

Comments

This report was revised on 4/16/18 to correct the total Arsenic result for sample AOC1-B91-E10-D0.5-D (440-207080-71).

Receipt

The samples were received on 3/26/2018 6:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.1° C and 0.4° C.

Metals

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Arsenic in preparation batch 440-466258 and analytical batch 440-466735 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for Arsenic in preparation batch 440-466258 and analytical batch 440-466735 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B91-N15-D0.5

Lab Sample ID: 440-207080-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N20-D0.5

Lab Sample ID: 440-207080-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-E5-D0.5

Lab Sample ID: 440-207080-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-E10-D0.5

Lab Sample ID: 440-207080-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-N15-D0.5

Lab Sample ID: 440-207080-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	26		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S15-D0.5

Lab Sample ID: 440-207080-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S20-D0.5

Lab Sample ID: 440-207080-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S15-D0.5

Lab Sample ID: 440-207080-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S20-D0.5

Lab Sample ID: 440-207080-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.0		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE15-D0.5

Lab Sample ID: 440-207080-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	23		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE20-D0.5

Lab Sample ID: 440-207080-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B81-NE20-D0.5 (Continued)

Lab Sample ID: 440-207080-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	33		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW15-D0.5

Lab Sample ID: 440-207080-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW20-D0.5

Lab Sample ID: 440-207080-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	26		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW5-D3.5

Lab Sample ID: 440-207080-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.4		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW10-D3.5

Lab Sample ID: 440-207080-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.9		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-N-SE5-D3.5

Lab Sample ID: 440-207080-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-D3.5

Lab Sample ID: 440-207080-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.2		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW20-D0.5

Lab Sample ID: 440-207080-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	23		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW20-D1.5

Lab Sample ID: 440-207080-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW20-D2.5

Lab Sample ID: 440-207080-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW38-D0.5

Lab Sample ID: 440-207080-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B77-NW38-D0.5 (Continued)

Lab Sample ID: 440-207080-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	20		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW38-D1.5

Lab Sample ID: 440-207080-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW38-D2.5

Lab Sample ID: 440-207080-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE22-D0.5

Lab Sample ID: 440-207080-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	21		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-SE22-D1.5

Lab Sample ID: 440-207080-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B78-NW22-D0.5

Lab Sample ID: 440-207080-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N15-D0.5

Lab Sample ID: 440-207080-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N20-D0.5

Lab Sample ID: 440-207080-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B8-S15-D0.5-D

Lab Sample ID: 440-207080-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B22-S20-D0.5-D

Lab Sample ID: 440-207080-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	20		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW20-D0.5-D

Lab Sample ID: 440-207080-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic									

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B77-NW20-D0.5-D (Continued)

Lab Sample ID: 440-207080-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B77-NW38-D0.5-D

Lab Sample ID: 440-207080-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	19		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE15-D0.5-D

Lab Sample ID: 440-207080-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	26	F1	3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-SW20-D0.5-D

Lab Sample ID: 440-207080-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.7	F1 F2	3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-E10-D0.5-D

Lab Sample ID: 440-207080-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9	J	3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B112-N15-D0.5-D

Lab Sample ID: 440-207080-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: F032618A

Lab Sample ID: 440-207080-73

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B91-N15-D0.5

Date Collected: 03/26/18 09:00

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-1

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		3.0	1.5	mg/Kg	-	03/28/18 09:10	03/28/18 20:18	5

Client Sample ID: AOC1-B91-N20-D0.5

Date Collected: 03/26/18 09:06

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-4

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		3.0	1.5	mg/Kg	-	03/28/18 09:10	03/28/18 20:20	5

Client Sample ID: AOC1-B91-E5-D0.5

Date Collected: 03/26/18 09:12

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-7

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		3.0	1.5	mg/Kg	-	03/28/18 09:10	03/28/18 20:22	5

Client Sample ID: AOC1-B91-E10-D0.5

Date Collected: 03/26/18 09:18

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-10

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		3.0	1.5	mg/Kg	-	03/28/18 09:10	03/28/18 20:25	5

Client Sample ID: AOC1-B22-N15-D0.5

Date Collected: 03/26/18 09:56

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-13

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26		3.0	1.5	mg/Kg	-	03/28/18 09:10	03/28/18 20:27	5

Client Sample ID: AOC1-B22-S15-D0.5

Date Collected: 03/26/18 10:02

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-16

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		3.0	1.5	mg/Kg	-	03/28/18 09:10	03/28/18 20:30	5

Client Sample ID: AOC1-B22-S20-D0.5

Date Collected: 03/26/18 10:08

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-19

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg	-	03/28/18 09:10	03/28/18 20:41	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B8-S15-D0.5

Date Collected: 03/26/18 11:30

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-22

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.0	1.5	mg/Kg		03/28/18 09:10	03/28/18 20:44	5

Client Sample ID: AOC1-B8-S20-D0.5

Date Collected: 03/26/18 11:36

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-25

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		3.0	1.5	mg/Kg		03/28/18 09:10	03/28/18 20:46	5

Client Sample ID: AOC1-B81-NE15-D0.5

Date Collected: 03/26/18 12:30

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-28

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	23		3.0	1.5	mg/Kg		03/28/18 09:10	03/28/18 20:48	5

Client Sample ID: AOC1-B81-NE20-D0.5

Date Collected: 03/26/18 12:36

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-31

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	33		3.0	1.5	mg/Kg		03/28/18 09:10	03/28/18 20:51	5

Client Sample ID: AOC1-B81-SW15-D0.5

Date Collected: 03/26/18 12:42

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-34

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:23	5

Client Sample ID: AOC1-B81-SW20-D0.5

Date Collected: 03/26/18 12:48

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-37

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:35	5

Client Sample ID: AOC1-B77-NW5-D3.5

Date Collected: 03/26/18 13:00

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-40

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.4		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:37	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B77-NW10-D3.5

Date Collected: 03/26/18 13:02

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-41

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.9		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:40	5

Client Sample ID: AOC1-B77-N-SE5-D3.5

Date Collected: 03/26/18 13:04

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-42

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.3		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:47	5

Client Sample ID: AOC1-B77-D3.5

Date Collected: 03/26/18 13:06

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-43

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:50	5

Client Sample ID: AOC1-B77-NW20-D0.5

Date Collected: 03/26/18 13:08

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-44

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	23		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:52	5

Client Sample ID: AOC1-B77-NW20-D1.5

Date Collected: 03/26/18 13:10

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-45

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:54	5

Client Sample ID: AOC1-B77-NW20-D2.5

Date Collected: 03/26/18 13:12

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-46

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.5		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:57	5

Client Sample ID: AOC1-B77-NW38-D0.5

Date Collected: 03/26/18 13:16

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-48

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:59	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B77-NW38-D1.5

Date Collected: 03/26/18 13:18

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-49

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 23:02	5

Client Sample ID: AOC1-B77-NW38-D2.5

Date Collected: 03/26/18 13:20

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-50

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 23:04	5

Client Sample ID: AOC1-B77-SE22-D0.5

Date Collected: 03/26/18 13:24

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-52

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 23:06	5

Client Sample ID: AOC1-B77-SE22-D1.5

Date Collected: 03/26/18 13:26

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-53

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 23:09	5

Client Sample ID: AOC1-B78-NW22-D0.5

Date Collected: 03/26/18 13:30

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-55

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 23:16	5

Client Sample ID: AOC1-B112-N15-D0.5

Date Collected: 03/26/18 14:30

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-58

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 23:19	5

Client Sample ID: AOC1-B112-N20-D0.5

Date Collected: 03/26/18 14:36

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-61

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 23:21	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B8-S15-D0.5-D

Date Collected: 03/26/18 11:30

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-65

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.0	1.5	mg/Kg	-	03/27/18 09:27	03/28/18 16:33	5

Client Sample ID: AOC1-B22-S20-D0.5-D

Date Collected: 03/26/18 10:08

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-66

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		3.0	1.5	mg/Kg	-	03/27/18 09:27	03/28/18 16:45	5

Client Sample ID: AOC1-B77-NW20-D0.5-D

Date Collected: 03/26/18 13:08

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-67

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg	-	03/27/18 09:27	03/28/18 17:35	5

Client Sample ID: AOC1-B77-NW38-D0.5-D

Date Collected: 03/26/18 13:16

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-68

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		3.0	1.5	mg/Kg	-	03/27/18 09:27	03/28/18 17:43	5

Client Sample ID: AOC1-B81-NE15-D0.5-D

Date Collected: 03/26/18 12:30

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-69

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26	F1	3.0	1.5	mg/Kg	-	03/27/18 09:27	03/28/18 17:50	5

Client Sample ID: AOC1-B81-SW20-D0.5-D

Date Collected: 03/26/18 12:48

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-70

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7	F1 F2	3.0	1.5	mg/Kg	-	03/27/18 09:27	03/28/18 18:22	5

Client Sample ID: AOC1-B91-E10-D0.5-D

Date Collected: 03/26/18 09:18

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-71

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9	J	3.0	1.5	mg/Kg	-	04/16/18 00:06	04/16/18 12:29	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B112-N15-D0.5-D

Lab Sample ID: 440-207080-72

Date Collected: 03/26/18 14:30

Matrix: Solid

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg		03/27/18 09:27	03/28/18 18:34	5

Client Sample ID: F032618A

Lab Sample ID: 440-207080-73

Date Collected: 03/26/18 07:30

Matrix: Water

Date Received: 03/26/18 18:40

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		03/30/18 11:05	03/30/18 19:47	1

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B91-N15-D0.5

Date Collected: 03/26/18 09:00

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:18	VS	TAL IRV

Client Sample ID: AOC1-B91-N20-D0.5

Date Collected: 03/26/18 09:06

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:20	VS	TAL IRV

Client Sample ID: AOC1-B91-E5-D0.5

Date Collected: 03/26/18 09:12

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:22	VS	TAL IRV

Client Sample ID: AOC1-B91-E10-D0.5

Date Collected: 03/26/18 09:18

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:25	VS	TAL IRV

Client Sample ID: AOC1-B22-N15-D0.5

Date Collected: 03/26/18 09:56

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:27	VS	TAL IRV

Client Sample ID: AOC1-B22-S15-D0.5

Date Collected: 03/26/18 10:02

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207080-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:30	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B22-S20-D0.5

Lab Sample ID: 440-207080-19

Date Collected: 03/26/18 10:08

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:41	VS	TAL IRV

Client Sample ID: AOC1-B8-S15-D0.5

Lab Sample ID: 440-207080-22

Date Collected: 03/26/18 11:30

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:44	VS	TAL IRV

Client Sample ID: AOC1-B8-S20-D0.5

Lab Sample ID: 440-207080-25

Date Collected: 03/26/18 11:36

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:46	VS	TAL IRV

Client Sample ID: AOC1-B81-NE15-D0.5

Lab Sample ID: 440-207080-28

Date Collected: 03/26/18 12:30

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:48	VS	TAL IRV

Client Sample ID: AOC1-B81-NE20-D0.5

Lab Sample ID: 440-207080-31

Date Collected: 03/26/18 12:36

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466544	03/28/18 09:10	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 20:51	VS	TAL IRV

Client Sample ID: AOC1-B81-SW15-D0.5

Lab Sample ID: 440-207080-34

Date Collected: 03/26/18 12:42

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:23	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B81-SW20-D0.5

Lab Sample ID: 440-207080-37

Date Collected: 03/26/18 12:48

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:35	VS	TAL IRV

Client Sample ID: AOC1-B77-NW5-D3.5

Lab Sample ID: 440-207080-40

Date Collected: 03/26/18 13:00

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:37	VS	TAL IRV

Client Sample ID: AOC1-B77-NW10-D3.5

Lab Sample ID: 440-207080-41

Date Collected: 03/26/18 13:02

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:40	VS	TAL IRV

Client Sample ID: AOC1-B77-N-SE5-D3.5

Lab Sample ID: 440-207080-42

Date Collected: 03/26/18 13:04

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:47	VS	TAL IRV

Client Sample ID: AOC1-B77-D3.5

Lab Sample ID: 440-207080-43

Date Collected: 03/26/18 13:06

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:50	VS	TAL IRV

Client Sample ID: AOC1-B77-NW20-D0.5

Lab Sample ID: 440-207080-44

Date Collected: 03/26/18 13:08

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:52	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B77-NW20-D1.5

Lab Sample ID: 440-207080-45

Date Collected: 03/26/18 13:10

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:54	VS	TAL IRV

Client Sample ID: AOC1-B77-NW20-D2.5

Lab Sample ID: 440-207080-46

Date Collected: 03/26/18 13:12

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:57	VS	TAL IRV

Client Sample ID: AOC1-B77-NW38-D0.5

Lab Sample ID: 440-207080-48

Date Collected: 03/26/18 13:16

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 22:59	VS	TAL IRV

Client Sample ID: AOC1-B77-NW38-D1.5

Lab Sample ID: 440-207080-49

Date Collected: 03/26/18 13:18

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 23:02	VS	TAL IRV

Client Sample ID: AOC1-B77-NW38-D2.5

Lab Sample ID: 440-207080-50

Date Collected: 03/26/18 13:20

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 23:04	VS	TAL IRV

Client Sample ID: AOC1-B77-SE22-D0.5

Lab Sample ID: 440-207080-52

Date Collected: 03/26/18 13:24

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 23:06	VS	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B77-SE22-D1.5

Lab Sample ID: 440-207080-53

Date Collected: 03/26/18 13:26

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 23:09	VS	TAL IRV

Client Sample ID: AOC1-B78-NW22-D0.5

Lab Sample ID: 440-207080-55

Date Collected: 03/26/18 13:30

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 23:16	VS	TAL IRV

Client Sample ID: AOC1-B112-N15-D0.5

Lab Sample ID: 440-207080-58

Date Collected: 03/26/18 14:30

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 23:19	VS	TAL IRV

Client Sample ID: AOC1-B112-N20-D0.5

Lab Sample ID: 440-207080-61

Date Collected: 03/26/18 14:36

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	466545	03/28/18 09:13	DT	TAL IRV
Total/NA	Analysis	6010B		5			466808	03/28/18 23:21	VS	TAL IRV

Client Sample ID: AOC1-B8-S15-D0.5-D

Lab Sample ID: 440-207080-65

Date Collected: 03/26/18 11:30

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466258	03/27/18 09:27	DT	TAL IRV
Total/NA	Analysis	6010B		5			466735	03/28/18 16:33	K1E	TAL IRV

Client Sample ID: AOC1-B22-S20-D0.5-D

Lab Sample ID: 440-207080-66

Date Collected: 03/26/18 10:08

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466258	03/27/18 09:27	DT	TAL IRV
Total/NA	Analysis	6010B		5			466735	03/28/18 16:45	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: AOC1-B77-NW20-D0.5-D

Lab Sample ID: 440-207080-67

Date Collected: 03/26/18 13:08

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466258	03/27/18 09:27	DT	TAL IRV
Total/NA	Analysis	6010B		5			466735	03/28/18 17:35	K1E	TAL IRV

Client Sample ID: AOC1-B77-NW38-D0.5-D

Lab Sample ID: 440-207080-68

Date Collected: 03/26/18 13:16

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	466258	03/27/18 09:27	DT	TAL IRV
Total/NA	Analysis	6010B		5			466735	03/28/18 17:43	K1E	TAL IRV

Client Sample ID: AOC1-B81-NE15-D0.5-D

Lab Sample ID: 440-207080-69

Date Collected: 03/26/18 12:30

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	466258	03/27/18 09:27	DT	TAL IRV
Total/NA	Analysis	6010B		5			466735	03/28/18 17:50	K1E	TAL IRV

Client Sample ID: AOC1-B81-SW20-D0.5-D

Lab Sample ID: 440-207080-70

Date Collected: 03/26/18 12:48

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	466258	03/27/18 09:27	DT	TAL IRV
Total/NA	Analysis	6010B		5			466735	03/28/18 18:22	K1E	TAL IRV

Client Sample ID: AOC1-B91-E10-D0.5-D

Lab Sample ID: 440-207080-71

Date Collected: 03/26/18 09:18

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	470309	04/16/18 00:06	CDH	TAL IRV
Total/NA	Analysis	6010B		5			470459	04/16/18 12:29	K1E	TAL IRV

Client Sample ID: AOC1-B112-N15-D0.5-D

Lab Sample ID: 440-207080-72

Date Collected: 03/26/18 14:30

Matrix: Solid

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	466258	03/27/18 09:27	DT	TAL IRV
Total/NA	Analysis	6010B		5			466735	03/28/18 18:34	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Client Sample ID: F032618A

Lab Sample ID: 440-207080-73

Date Collected: 03/26/18 07:30

Matrix: Water

Date Received: 03/26/18 18:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	467148	03/30/18 11:05	Q1N	TAL IRV
Total Recoverable	Analysis	6010B		1			467274	03/30/18 19:47	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-466258/1-A ^5

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		03/27/18 09:27	03/28/18 16:29	5

Lab Sample ID: LCS 440-466258/2-A ^5

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	47.0		mg/Kg		94	80 - 120

Lab Sample ID: 440-207080-65 MS

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B8-S15-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	13		49.8	57.2		mg/Kg		89	75 - 125

Lab Sample ID: 440-207080-65 MSD

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B8-S15-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	13		49.3	56.5		mg/Kg		88	75 - 125	1	20

Lab Sample ID: 440-207080-66 MS

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B22-S20-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	20		49.8	61.7		mg/Kg		85	75 - 125

Lab Sample ID: 440-207080-66 MSD

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B22-S20-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	20		50.0	63.0		mg/Kg		87	75 - 125	2	20

Lab Sample ID: 440-207080-67 MS

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B77-NW20-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	11		49.8	55.0		mg/Kg		88	75 - 125

Lab Sample ID: 440-207080-67 MSD

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B77-NW20-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	11		49.5	57.6		mg/Kg		94	75 - 125	5	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Lab Sample ID: 440-207080-68 MS

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B77-NW38-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	19		49.3	60.8		mg/Kg		84	75 - 125

Lab Sample ID: 440-207080-68 MSD

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B77-NW38-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	19		50.0	58.7		mg/Kg		79	75 - 125	4	20

Lab Sample ID: 440-207080-69 MS

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B81-NE15-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	26	F1	49.5	59.6	F1	mg/Kg		67	75 - 125

Lab Sample ID: 440-207080-69 MSD

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B81-NE15-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	26	F1	49.8	66.3		mg/Kg		80	75 - 125	11	20

Lab Sample ID: 440-207080-70 MS

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B81-SW20-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	3.7	F1 F2	50.0	28.9	F1	mg/Kg		50	75 - 125

Lab Sample ID: 440-207080-70 MSD

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B81-SW20-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	3.7	F1 F2	49.5	71.3	F1 F2	mg/Kg		137	75 - 125	85	20

Lab Sample ID: 440-207080-72 MS

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B112-N15-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	11		49.8	55.6		mg/Kg		90	75 - 125

Lab Sample ID: 440-207080-72 MSD

Matrix: Solid

Analysis Batch: 466735

Client Sample ID: AOC1-B112-N15-D0.5-D

Prep Type: Total/NA

Prep Batch: 466258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	11		49.8	55.2		mg/Kg		90	75 - 125	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

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

Lab Sample ID: MB 440-466544/1-A ^5

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		03/28/18 09:10	03/28/18 19:21	5

Lab Sample ID: LCS 440-466544/2-A ^5

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 466544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	45.1		mg/Kg		91	80 - 120

Lab Sample ID: 440-207207-H-1-E MS ^5

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 466544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	3.5		49.5	52.9		mg/Kg		100	75 - 125

Lab Sample ID: 440-207207-H-1-F MSD ^5

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 466544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	3.5		49.5	56.6		mg/Kg		107	75 - 125	7	20

Lab Sample ID: MB 440-466545/1-A ^5

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		03/28/18 09:13	03/28/18 22:18	5

Lab Sample ID: LCS 440-466545/2-A ^5

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 466545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.8	44.7		mg/Kg		90	80 - 120

Lab Sample ID: 440-207080-34 MS

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: AOC1-B81-SW15-D0.5

Prep Type: Total/NA

Prep Batch: 466545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	18		49.8	62.4		mg/Kg		89	75 - 125

Lab Sample ID: 440-207080-34 MSD

Matrix: Solid

Analysis Batch: 466808

Client Sample ID: AOC1-B81-SW15-D0.5

Prep Type: Total/NA

Prep Batch: 466545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	18		49.5	62.5		mg/Kg		90	75 - 125	0	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Lab Sample ID: MB 440-470309/1-A ^5
Matrix: Solid
Analysis Batch: 470459

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 470309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		04/16/18 00:06	04/16/18 12:24	5

Lab Sample ID: LCS 440-470309/2-A ^5
Matrix: Solid
Analysis Batch: 470459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 470309

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	49.8	49.4		mg/Kg		99	80 - 120

Lab Sample ID: 440-207080-71 MS
Matrix: Solid
Analysis Batch: 470459

Client Sample ID: AOC1-B91-E10-D0.5-D
Prep Type: Total/NA
Prep Batch: 470309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.9	J	49.8	49.8		mg/Kg		96	75 - 125

Lab Sample ID: 440-207080-71 MSD
Matrix: Solid
Analysis Batch: 470459

Client Sample ID: AOC1-B91-E10-D0.5-D
Prep Type: Total/NA
Prep Batch: 470309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	1.9	J	49.8	49.5		mg/Kg		96	75 - 125	1	20

Lab Sample ID: MB 440-467148/1-A
Matrix: Water
Analysis Batch: 467274

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 467148

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		03/30/18 11:05	03/30/18 19:27	1

Lab Sample ID: LCS 440-467148/2-A
Matrix: Water
Analysis Batch: 467274

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 467148

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	1.00	0.982		mg/L		98	80 - 120

Lab Sample ID: 440-206698-M-4-B MS
Matrix: Water
Analysis Batch: 467274

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 467148

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.16		1.00	1.17		mg/L		101	75 - 125

Lab Sample ID: 440-206698-M-4-C MSD
Matrix: Water
Analysis Batch: 467274

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 467148

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	0.16		1.00	1.15		mg/L		99	75 - 125	1	20

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Metals

Prep Batch: 466258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-65	AOC1-B8-S15-D0.5-D	Total/NA	Solid	3050B	
440-207080-66	AOC1-B22-S20-D0.5-D	Total/NA	Solid	3050B	
440-207080-67	AOC1-B77-NW20-D0.5-D	Total/NA	Solid	3050B	
440-207080-68	AOC1-B77-NW38-D0.5-D	Total/NA	Solid	3050B	
440-207080-69	AOC1-B81-NE15-D0.5-D	Total/NA	Solid	3050B	
440-207080-70	AOC1-B81-SW20-D0.5-D	Total/NA	Solid	3050B	
440-207080-72	AOC1-B112-N15-D0.5-D	Total/NA	Solid	3050B	
MB 440-466258/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-466258/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-207080-65 MS	AOC1-B8-S15-D0.5-D	Total/NA	Solid	3050B	
440-207080-65 MSD	AOC1-B8-S15-D0.5-D	Total/NA	Solid	3050B	
440-207080-66 MS	AOC1-B22-S20-D0.5-D	Total/NA	Solid	3050B	
440-207080-66 MSD	AOC1-B22-S20-D0.5-D	Total/NA	Solid	3050B	
440-207080-67 MS	AOC1-B77-NW20-D0.5-D	Total/NA	Solid	3050B	
440-207080-67 MSD	AOC1-B77-NW20-D0.5-D	Total/NA	Solid	3050B	
440-207080-68 MS	AOC1-B77-NW38-D0.5-D	Total/NA	Solid	3050B	
440-207080-68 MSD	AOC1-B77-NW38-D0.5-D	Total/NA	Solid	3050B	
440-207080-69 MS	AOC1-B81-NE15-D0.5-D	Total/NA	Solid	3050B	
440-207080-69 MSD	AOC1-B81-NE15-D0.5-D	Total/NA	Solid	3050B	
440-207080-70 MS	AOC1-B81-SW20-D0.5-D	Total/NA	Solid	3050B	
440-207080-70 MSD	AOC1-B81-SW20-D0.5-D	Total/NA	Solid	3050B	
440-207080-72 MS	AOC1-B112-N15-D0.5-D	Total/NA	Solid	3050B	
440-207080-72 MSD	AOC1-B112-N15-D0.5-D	Total/NA	Solid	3050B	

Prep Batch: 466544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-1	AOC1-B91-N15-D0.5	Total/NA	Solid	3050B	
440-207080-4	AOC1-B91-N20-D0.5	Total/NA	Solid	3050B	
440-207080-7	AOC1-B91-E5-D0.5	Total/NA	Solid	3050B	
440-207080-10	AOC1-B91-E10-D0.5	Total/NA	Solid	3050B	
440-207080-13	AOC1-B22-N15-D0.5	Total/NA	Solid	3050B	
440-207080-16	AOC1-B22-S15-D0.5	Total/NA	Solid	3050B	
440-207080-19	AOC1-B22-S20-D0.5	Total/NA	Solid	3050B	
440-207080-22	AOC1-B8-S15-D0.5	Total/NA	Solid	3050B	
440-207080-25	AOC1-B8-S20-D0.5	Total/NA	Solid	3050B	
440-207080-28	AOC1-B81-NE15-D0.5	Total/NA	Solid	3050B	
440-207080-31	AOC1-B81-NE20-D0.5	Total/NA	Solid	3050B	
MB 440-466544/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-466544/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-207207-H-1-E MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-207207-H-1-F MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Prep Batch: 466545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-34	AOC1-B81-SW15-D0.5	Total/NA	Solid	3050B	
440-207080-37	AOC1-B81-SW20-D0.5	Total/NA	Solid	3050B	
440-207080-40	AOC1-B77-NW5-D3.5	Total/NA	Solid	3050B	
440-207080-41	AOC1-B77-NW10-D3.5	Total/NA	Solid	3050B	
440-207080-42	AOC1-B77-N-SE5-D3.5	Total/NA	Solid	3050B	
440-207080-43	AOC1-B77-D3.5	Total/NA	Solid	3050B	
440-207080-44	AOC1-B77-NW20-D0.5	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Metals (Continued)

Prep Batch: 466545 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-45	AOC1-B77-NW20-D1.5	Total/NA	Solid	3050B	
440-207080-46	AOC1-B77-NW20-D2.5	Total/NA	Solid	3050B	
440-207080-48	AOC1-B77-NW38-D0.5	Total/NA	Solid	3050B	
440-207080-49	AOC1-B77-NW38-D1.5	Total/NA	Solid	3050B	
440-207080-50	AOC1-B77-NW38-D2.5	Total/NA	Solid	3050B	
440-207080-52	AOC1-B77-SE22-D0.5	Total/NA	Solid	3050B	
440-207080-53	AOC1-B77-SE22-D1.5	Total/NA	Solid	3050B	
440-207080-55	AOC1-B78-NW22-D0.5	Total/NA	Solid	3050B	
440-207080-58	AOC1-B112-N15-D0.5	Total/NA	Solid	3050B	
440-207080-61	AOC1-B112-N20-D0.5	Total/NA	Solid	3050B	
MB 440-466545/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-466545/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-207080-34 MS	AOC1-B81-SW15-D0.5	Total/NA	Solid	3050B	
440-207080-34 MSD	AOC1-B81-SW15-D0.5	Total/NA	Solid	3050B	

Analysis Batch: 466735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-65	AOC1-B8-S15-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-66	AOC1-B22-S20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-67	AOC1-B77-NW20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-68	AOC1-B77-NW38-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-69	AOC1-B81-NE15-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-70	AOC1-B81-SW20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-72	AOC1-B112-N15-D0.5-D	Total/NA	Solid	6010B	466258
MB 440-466258/1-A ^5	Method Blank	Total/NA	Solid	6010B	466258
LCS 440-466258/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	466258
440-207080-65 MS	AOC1-B8-S15-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-65 MSD	AOC1-B8-S15-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-66 MS	AOC1-B22-S20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-66 MSD	AOC1-B22-S20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-67 MS	AOC1-B77-NW20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-67 MSD	AOC1-B77-NW20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-68 MS	AOC1-B77-NW38-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-68 MSD	AOC1-B77-NW38-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-69 MS	AOC1-B81-NE15-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-69 MSD	AOC1-B81-NE15-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-70 MS	AOC1-B81-SW20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-70 MSD	AOC1-B81-SW20-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-72 MS	AOC1-B112-N15-D0.5-D	Total/NA	Solid	6010B	466258
440-207080-72 MSD	AOC1-B112-N15-D0.5-D	Total/NA	Solid	6010B	466258

Analysis Batch: 466808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-1	AOC1-B91-N15-D0.5	Total/NA	Solid	6010B	466544
440-207080-4	AOC1-B91-N20-D0.5	Total/NA	Solid	6010B	466544
440-207080-7	AOC1-B91-E5-D0.5	Total/NA	Solid	6010B	466544
440-207080-10	AOC1-B91-E10-D0.5	Total/NA	Solid	6010B	466544
440-207080-13	AOC1-B22-N15-D0.5	Total/NA	Solid	6010B	466544
440-207080-16	AOC1-B22-S15-D0.5	Total/NA	Solid	6010B	466544
440-207080-19	AOC1-B22-S20-D0.5	Total/NA	Solid	6010B	466544
440-207080-22	AOC1-B8-S15-D0.5	Total/NA	Solid	6010B	466544

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Metals (Continued)

Analysis Batch: 466808 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-25	AOC1-B8-S20-D0.5	Total/NA	Solid	6010B	466544
440-207080-28	AOC1-B81-NE15-D0.5	Total/NA	Solid	6010B	466544
440-207080-31	AOC1-B81-NE20-D0.5	Total/NA	Solid	6010B	466544
440-207080-34	AOC1-B81-SW15-D0.5	Total/NA	Solid	6010B	466545
440-207080-37	AOC1-B81-SW20-D0.5	Total/NA	Solid	6010B	466545
440-207080-40	AOC1-B77-NW5-D3.5	Total/NA	Solid	6010B	466545
440-207080-41	AOC1-B77-NW10-D3.5	Total/NA	Solid	6010B	466545
440-207080-42	AOC1-B77-N-SE5-D3.5	Total/NA	Solid	6010B	466545
440-207080-43	AOC1-B77-D3.5	Total/NA	Solid	6010B	466545
440-207080-44	AOC1-B77-NW20-D0.5	Total/NA	Solid	6010B	466545
440-207080-45	AOC1-B77-NW20-D1.5	Total/NA	Solid	6010B	466545
440-207080-46	AOC1-B77-NW20-D2.5	Total/NA	Solid	6010B	466545
440-207080-48	AOC1-B77-NW38-D0.5	Total/NA	Solid	6010B	466545
440-207080-49	AOC1-B77-NW38-D1.5	Total/NA	Solid	6010B	466545
440-207080-50	AOC1-B77-NW38-D2.5	Total/NA	Solid	6010B	466545
440-207080-52	AOC1-B77-SE22-D0.5	Total/NA	Solid	6010B	466545
440-207080-53	AOC1-B77-SE22-D1.5	Total/NA	Solid	6010B	466545
440-207080-55	AOC1-B78-NW22-D0.5	Total/NA	Solid	6010B	466545
440-207080-58	AOC1-B112-N15-D0.5	Total/NA	Solid	6010B	466545
440-207080-61	AOC1-B112-N20-D0.5	Total/NA	Solid	6010B	466545
MB 440-466544/1-A ^5	Method Blank	Total/NA	Solid	6010B	466544
MB 440-466545/1-A ^5	Method Blank	Total/NA	Solid	6010B	466545
LCS 440-466544/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	466544
LCS 440-466545/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	466545
440-207080-34 MS	AOC1-B81-SW15-D0.5	Total/NA	Solid	6010B	466545
440-207080-34 MSD	AOC1-B81-SW15-D0.5	Total/NA	Solid	6010B	466545
440-207207-H-1-E MS ^5	Matrix Spike	Total/NA	Solid	6010B	466544
440-207207-H-1-F MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	466544

Prep Batch: 467148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-73	F032618A	Total Recoverable	Water	3005A	
MB 440-467148/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-467148/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-206698-M-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
440-206698-M-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 467274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-73	F032618A	Total Recoverable	Water	6010B	467148
MB 440-467148/1-A	Method Blank	Total Recoverable	Water	6010B	467148
LCS 440-467148/2-A	Lab Control Sample	Total Recoverable	Water	6010B	467148
440-206698-M-4-B MS	Matrix Spike	Total Recoverable	Water	6010B	467148
440-206698-M-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	467148

Prep Batch: 470309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-71	AOC1-B91-E10-D0.5-D	Total/NA	Solid	3050B	
MB 440-470309/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-470309/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-207080-71 MS	AOC1-B91-E10-D0.5-D	Total/NA	Solid	3050B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Metals (Continued)

Prep Batch: 470309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-71 MSD	AOC1-B91-E10-D0.5-D	Total/NA	Solid	3050B	

Analysis Batch: 470459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207080-71	AOC1-B91-E10-D0.5-D	Total/NA	Solid	6010B	470309
MB 440-470309/1-A ^5	Method Blank	Total/NA	Solid	6010B	470309
LCS 440-470309/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	470309
440-207080-71 MS	AOC1-B91-E10-D0.5-D	Total/NA	Solid	6010B	470309
440-207080-71 MSD	AOC1-B91-E10-D0.5-D	Total/NA	Solid	6010B	470309

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207080-1

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

Analysis Method	Prep Method	Matrix	Analyte
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TestAmerica
17461 Derian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018		COC No. 3 of 3 COCs	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nenette Paulson	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		For Lab Use Only:	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		# of Matrix Cont.				Walk-in Client:	
(626) 440-6133		TAT if different from Below Std						Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks						Job / SDG No.:	
Site: Reseda HS		<input type="checkbox"/> 1 week							
PO #		<input type="checkbox"/> 2 days							
		<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:		
A001-B8-SID-D1.5		3/26/2018	11:36	G	S	1			
A001-B8-S20-D1.5		3/26/18	11:39	G	S	1			
A001-B8-S20-D2.5		3/26/18	11:40	G	S	1			
A001-B8-NE-15-D0.5		3/26/18	12:30	G	S	1			
A001-B81-NE-15-D1.5		3/26/18	12:32	G	S	1			
A001-B81-NE-15-D2.5		3/26/18	12:34	G	S	1			
A001-B81-NE-20-D0.5		3/26/18	12:36	G	S	1			
A001-B81-NE-20-D1.5		3/26/18	12:38	G	S	1			
A001-B81-NE-20-D2.5		3/26/18	12:40	G	S	1			
A001-B81-SW-15-D0.5		3/26/18	12:42	G	S	1			
A001-B81-SW-15-D1.5		3/26/18	12:44	G	S	1			
A001-B81-SW-15-D2.5		3/26/18	12:46	G	S	1			

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Received by:	Company:	Date/Time:	Therm ID No.:
	Parsons	3/26/2018	
	Company:	3/26/18 11:40	
	Company:	3/26/18 12:46	

TestAmerica
17461 Denian Avenue
Suite 100

Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018		COC No.	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		4 of 3 COCs	
100 West Walnut St		Analysis Turnaround Time		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		Arsenic	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		# of Cont.					
(626) 440-6133		TAT if different from Below: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Matrix					
Project Name: Reseda HS PEA		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Sample Specific Notes:	
Site: Reseda HS		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Sample Specific Notes:	
P.O.#		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Sample Specific Notes:	
AOC1-B81-SW20-P0.5		3/26/2018	1248	G	S	1		X	
AOC1-B81-SW20-P1.5		3/26/18	1250	G	S	1		H	
AOC1-B81-SW20-P2.5		3/26/18	1252	G	S	1		H	
AOC1-B77-NW5-P3.5		3/26/18	1300	G	S	1		X	
AOC1-B77-NW10-P3.5		3/26/18	1302	G	S	1		X	
AOC1-B77-NW18-P3.5		3/26/18	1304	G	S	1		X	
AOC1-B77-NW20-P3.5		3/26/18	1306	G	S	1		X	
AOC1-B77-NW20-P0.5		3/26/18	1308	G	S	1		X	
AOC1-B77-NW20-P1.5		3/26/18	1310	G	S	1		X	
AOC1-B77-NW20-P2.5		3/26/18	1312	G	S	1		X	
AOC1-B77-NW20-P3.5		3/26/18	1314	G	S	1		H	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd.		Corr'd.		Therm ID No.:	
Relinquished by:		Company: Parsons		Received by:		Company: Parsons		Date/Time: 3-26-18 1500	
Relinquished by:		Company: Parsons		Received by:		Company: Parsons		Date/Time: 3-26-18 1500	
Relinquished by:		Company: Parsons		Received in Laboratory:		Company: Parsons		Date/Time: 3-26-18 1800	

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:	
100 West Walnut St		Analysis Turnaround Time					
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS					
(626) 440-6133		TAT if different from Below: <u>Std</u>					
		<input type="checkbox"/> 2 weeks					
		<input type="checkbox"/> 1 week					
		<input type="checkbox"/> 2 days					
		<input type="checkbox"/> 1 day					
Project Name: Reseda HS PEA		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
Site: Reseda HS		Sample Date		Sample Time			
P O #							

Sample Identification		Sample Date	Sample Time	Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Arsenic	Sample Specific Notes:	
AOC1-B77-NW38-P0.5		3/26/18	1316	G	S	1			X		
AOC1-B77-NW38-P1.5		3/26/18	1318	G	S	1			X		
AOC1-B77-NW38-P2.5		3/26/18	1320	G	S	1			X		
AOC1-B77-NW38-P3.5		3/26/18	1322	G	S	1			H		
AOC1-B77-SE22-P0.5		3/26/18	1324	G	S	1			X		
AOC1-B77-SE22-P1.5		3/26/18	1326	G	S	1			X		
AOC1-B77-SE22-P2.5		3/26/18	1328	G	S	1			H		
AOC1-B78-NW22-P0.5		3/26/18	1330	G	S	1			X		
AOC1-B78-NW22-P1.5		3/26/18	1332	G	S	1			H		
AOC1-B78-NW22-P2.5		3/26/18	1334	G	S	1			H		
				G	S	1					
				G	S	1					

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Company: Parsons	Date/Time: 3/26/2018	Received by:	Company: Parsons	Date/Time: 3-26-18 1500	Therm ID No.:
Relinquished by:		Company: Parsons	Date/Time: 3-26-18 1640	Received by:	Company: Parsons	Date/Time:	
Relinquished by:		Company: Parsons	Date/Time:	Received in Laboratory by:	Company: Parsons	Date/Time: 3-26-18 1810	

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Nenette Paulson		Date: 3/26/2018	
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:	
100 West Walnut St		Analysis Turnaround Time		COC No:		6 of 4 COCs	
Pasadena, Ca 91124		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Sampler: Nenette Paulson		For Lab Use Only:	
(626) 440-6133		TAT if different from Below: <u>Std</u>		Walk-in Client:		Lab Sampling:	
Project Name: Reseda HS PEA		<input type="checkbox"/> 2 weeks		Job / SDG No.:			
Site: Reseda HS		<input type="checkbox"/> 1 week					
P O #		<input type="checkbox"/> 2 days					
		<input type="checkbox"/> 1 day					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)		Perform MS / MSD (Y / N)		Arsenic		Sample Specific Notes:
						Y	N	Y	N	Y	N	
A001-B112-N15-P0.5	3/26/2018	1430	G	S	1					X		
A001-B112-N15-P1.5	3/26/18	1430	G	S	1					H		
A001-B112-N15-P2.5	3/26/18	1434	G	S	1					H		
A001-B112-N15-P0.5	3/26/18	1436	G	S	1					X		
A001-B112-N20-P1.5	3/26/18	1438	G	S	1					H		
A001-B112-N20-P2.5	3/26/18	1440	G	S	1					H		
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							
			G	S	1							

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other: _____

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: NOTE: H = HOLD UNTIL REQUESTED BY PARSONS TO PROCESS

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:	Company: Parsons	Date/Time: 3/26/2018	Received by:	Company:
Relinquished by:	Company:	Date/Time: 3/26/18	Received by:	Company:
Relinquished by:	Company:	Date/Time: 3/26/18	Received in Laboratory by:	Company:

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-207080-1

Login Number: 207080

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-211214-1

Client Project/Site: LAUSD Reseda H.S., CA

Revision: 1

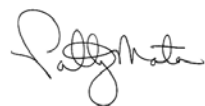
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

5/25/2018 2:34:31 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-211214-1	AOC1-B77-SW5-D3.5	Solid	05/12/18 10:30	05/12/18 14:10
440-211214-3	AOC1-B81-D3.5	Solid	05/12/18 09:30	05/12/18 14:10
440-211214-5	AOC1-B81-NE35-D0.5	Solid	05/12/18 09:40	05/12/18 14:10
440-211214-8	AOC1-B81-NE35-D0.5D	Solid	05/12/18 09:41	05/12/18 14:10
440-211214-9	AOC1-B91-N5-D3.5	Solid	05/12/18 08:30	05/12/18 14:10
440-211214-11	AOC1-B91-N30-D0.5	Solid	05/12/18 08:40	05/12/18 14:10
440-211214-17	EB051218 B	Water	05/12/18 00:01	05/12/18 14:10

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Job ID: 440-211214-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-211214-1

Comments

This report was revised on 5/25/18 to change selected sample IDs per client's emailed request.

Receipt

The samples were received on 5/12/2018 2:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Client Sample ID: AOC1-B77-SW5-D3.5

Lab Sample ID: 440-211214-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-D3.5

Lab Sample ID: 440-211214-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE35-D0.5

Lab Sample ID: 440-211214-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	20		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B81-NE35-D0.5D

Lab Sample ID: 440-211214-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N5-D3.5

Lab Sample ID: 440-211214-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: AOC1-B91-N30-D0.5

Lab Sample ID: 440-211214-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.0	1.5	mg/Kg	5		6010B	Total/NA

Client Sample ID: EB051218 B

Lab Sample ID: 440-211214-17

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Client Sample ID: AOC1-B77-SW5-D3.5

Date Collected: 05/12/18 10:30

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-1

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.3		3.0	1.5	mg/Kg	-	05/16/18 07:55	05/18/18 23:48	5

Client Sample ID: AOC1-B81-D3.5

Date Collected: 05/12/18 09:30

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-3

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.3		3.0	1.5	mg/Kg	-	05/16/18 07:55	05/18/18 23:51	5

Client Sample ID: AOC1-B81-NE35-D0.5

Date Collected: 05/12/18 09:40

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-5

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		3.0	1.5	mg/Kg	-	05/16/18 07:55	05/19/18 00:27	5

Client Sample ID: AOC1-B81-NE35-D0.5D

Date Collected: 05/12/18 09:41

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-8

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.0	1.5	mg/Kg	-	05/16/18 07:55	05/18/18 23:31	5

Client Sample ID: AOC1-B91-N5-D3.5

Date Collected: 05/12/18 08:30

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-9

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.0	1.5	mg/Kg	-	05/16/18 07:55	05/19/18 00:30	5

Client Sample ID: AOC1-B91-N30-D0.5

Date Collected: 05/12/18 08:40

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-11

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		3.0	1.5	mg/Kg	-	05/16/18 07:55	05/19/18 00:40	5

Client Sample ID: EB051218 B

Date Collected: 05/12/18 00:01

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-17

Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L	-	05/18/18 14:01	05/21/18 22:35	1

TestAmerica Irvine

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Client Sample ID: AOC1-B77-SW5-D3.5

Date Collected: 05/12/18 10:30

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	476477	05/16/18 07:55	DT	TAL IRV
Total/NA	Analysis	6010B		5			477350	05/18/18 23:48	K1E	TAL IRV

Client Sample ID: AOC1-B81-D3.5

Date Collected: 05/12/18 09:30

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	476477	05/16/18 07:55	DT	TAL IRV
Total/NA	Analysis	6010B		5			477350	05/18/18 23:51	K1E	TAL IRV

Client Sample ID: AOC1-B81-NE35-D0.5

Date Collected: 05/12/18 09:40

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	476477	05/16/18 07:55	DT	TAL IRV
Total/NA	Analysis	6010B		5			477350	05/19/18 00:27	K1E	TAL IRV

Client Sample ID: AOC1-B81-NE35-D0.5D

Date Collected: 05/12/18 09:41

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.02 g	50 mL	476477	05/16/18 07:55	DT	TAL IRV
Total/NA	Analysis	6010B		5			477350	05/18/18 23:31	K1E	TAL IRV

Client Sample ID: AOC1-B91-N5-D3.5

Date Collected: 05/12/18 08:30

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	476477	05/16/18 07:55	DT	TAL IRV
Total/NA	Analysis	6010B		5			477350	05/19/18 00:30	K1E	TAL IRV

Client Sample ID: AOC1-B91-N30-D0.5

Date Collected: 05/12/18 08:40

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211214-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	476477	05/16/18 07:55	DT	TAL IRV
Total/NA	Analysis	6010B		5			477350	05/19/18 00:40	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Client Sample ID: EB051218 B

Lab Sample ID: 440-211214-17

Date Collected: 05/12/18 00:01

Matrix: Water

Date Received: 05/12/18 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	25 mL	477231	05/18/18 14:01	MN1	TAL IRV
Total Recoverable	Analysis	6010B		1			477716	05/21/18 22:35	K1E	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-476477/1-A ^5

Matrix: Solid

Analysis Batch: 477350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 476477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	1.5	mg/Kg		05/16/18 07:55	05/18/18 23:24	5

Lab Sample ID: LCS 440-476477/2-A ^5

Matrix: Solid

Analysis Batch: 477350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 476477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	49.3	44.8		mg/Kg		91	80 - 120

Lab Sample ID: 440-211214-8 MS

Matrix: Solid

Analysis Batch: 477350

Client Sample ID: AOC1-B81-NE35-D0.5D

Prep Type: Total/NA

Prep Batch: 476477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	11		49.8	55.9		mg/Kg		90	75 - 125

Lab Sample ID: 440-211214-8 MSD

Matrix: Solid

Analysis Batch: 477350

Client Sample ID: AOC1-B81-NE35-D0.5D

Prep Type: Total/NA

Prep Batch: 476477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	11		49.5	54.5		mg/Kg		88	75 - 125	3	20

Lab Sample ID: MB 440-477231/1-A

Matrix: Water

Analysis Batch: 477716

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 477231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0089	mg/L		05/18/18 14:01	05/21/18 21:04	1

Lab Sample ID: LCS 440-477231/2-A

Matrix: Water

Analysis Batch: 477716

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 477231

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	0.911		mg/L		91	80 - 120

Lab Sample ID: 440-210948-N-1-B MS ^2

Matrix: Water

Analysis Batch: 477716

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 477231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.025		1.00	0.980		mg/L		96	75 - 125

Lab Sample ID: 440-210948-N-1-C MSD ^2

Matrix: Water

Analysis Batch: 477716

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 477231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.025		1.00	0.981		mg/L		96	75 - 125	0	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

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QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Metals

Prep Batch: 476477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211214-1	AOC1-B77-SW5-D3.5	Total/NA	Solid	3050B	
440-211214-3	AOC1-B81-D3.5	Total/NA	Solid	3050B	
440-211214-5	AOC1-B81-NE35-D0.5	Total/NA	Solid	3050B	
440-211214-8	AOC1-B81-NE35-D0.5D	Total/NA	Solid	3050B	
440-211214-9	AOC1-B91-N5-D3.5	Total/NA	Solid	3050B	
440-211214-11	AOC1-B91-N30-D0.5	Total/NA	Solid	3050B	
MB 440-476477/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-476477/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-211214-8 MS	AOC1-B81-NE35-D0.5D	Total/NA	Solid	3050B	
440-211214-8 MSD	AOC1-B81-NE35-D0.5D	Total/NA	Solid	3050B	

Prep Batch: 477231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211214-17	EB051218 B	Total Recoverable	Water	3005A	
MB 440-477231/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-477231/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-210948-N-1-B MS ^2	Matrix Spike	Total Recoverable	Water	3005A	
440-210948-N-1-C MSD ^2	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 477350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211214-1	AOC1-B77-SW5-D3.5	Total/NA	Solid	6010B	476477
440-211214-3	AOC1-B81-D3.5	Total/NA	Solid	6010B	476477
440-211214-5	AOC1-B81-NE35-D0.5	Total/NA	Solid	6010B	476477
440-211214-8	AOC1-B81-NE35-D0.5D	Total/NA	Solid	6010B	476477
440-211214-9	AOC1-B91-N5-D3.5	Total/NA	Solid	6010B	476477
440-211214-11	AOC1-B91-N30-D0.5	Total/NA	Solid	6010B	476477
MB 440-476477/1-A ^5	Method Blank	Total/NA	Solid	6010B	476477
LCS 440-476477/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	476477
440-211214-8 MS	AOC1-B81-NE35-D0.5D	Total/NA	Solid	6010B	476477
440-211214-8 MSD	AOC1-B81-NE35-D0.5D	Total/NA	Solid	6010B	476477

Analysis Batch: 477716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211214-17	EB051218 B	Total Recoverable	Water	6010B	477231
MB 440-477231/1-A	Method Blank	Total Recoverable	Water	6010B	477231
LCS 440-477231/2-A	Lab Control Sample	Total Recoverable	Water	6010B	477231
440-210948-N-1-B MS ^2	Matrix Spike	Total Recoverable	Water	6010B	477231
440-210948-N-1-C MSD ^2	Matrix Spike Duplicate	Total Recoverable	Water	6010B	477231

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211214-1

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

Analysis Method	Prep Method	Matrix	Analyte
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Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Friday, May 25, 2018 1:40 PM
To: Mata, Patty
Subject: RE: TestAmerica report files from 440-211214-1 LAUSD Reseda H.S., CA
Attachments: SKMBT_36318052513340.pdf

-External Email-

Patty

I just realized that there was an error with a sample ID. I have corrected it on the attached COC but it is a little hard to see. Can you please change the following:

AOC1-B81-NW35-D0.5 should be AOC1-B81-NE35-D0.5

AOC1-B81-NW35-D0.5D should be AOC1-B81-NE35-D0.5D

AOC1-B81-NW35-D1.5 should be AOC1-B81-NE35-D1.5

AOC1-B81-NW35-D2.5 should be AOC1-B81-NE35-D2.5

This will affect the two samples that I released for analysis.

Thanks

Justin

From: Mata, Patty <patty.mata@testamericainc.com>
Sent: Wednesday, May 23, 2018 10:41 AM
To: King, Justin <Justin.King@parsons.com>
Subject: TestAmerica report files from 440-211214-1 LAUSD Reseda H.S., CA

Hello,

Attached please find the report files for job 440-211214-1; LAUSD Reseda H.S., CA

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback\[surveymonkey.com\]](https://www.surveymonkey.com/projects/ProjectFeedback)

PATTY MATA
Project Manager

TestAmerica Irvine
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 949.261,1022

Reference: [449221]
Attachments: 1

TestAmerica Irvine
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Irvine, CA 92614-5843
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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		Project Manager: Justin King		Site Contact: N. Paulson		Date: 5/12/18		COC No. 1 of 2 COCs			
Parsons		Tel/Fax: 626-440-6133		Lab Contact: Patty Mata		Carrier:		Sampler: Nette Paulson		For Lab Use Only:			
100 West Walnut St		Pasadena, Ca 91124		(626) 440-6133		Analysis Turnaround Time		Walk-in Client:		Lab Sampling:			
Project Name: Reseda HS PEA		Site: Reseda HS		P O # 450810		CALENDAR DAYS		TAT if different from Below		Job / SDG No.			
						<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days			
						<input type="checkbox"/> 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Arsenic	Lead	PCBs	OCF	Sample Specific Notes:
AOC1-B77-SW5-D3.5		5/12/18	1030	G	S	1	X						
AOC1-B77-SW5-D5.0		5/12/18	1036	G	S	1	H						
AOC1-B81-D3.5		5/12/18	0930	G	S	1	X						
AOC1-B81-D5.0		5/12/18	0936	G	S	1	H						
AOC1-B81-NW35-D0.5		5/12/18	0940	G	S	1	X						
AOC1-B81-NW35-D1.5		5/12/18	0944	G	S	1	H						
AOC1-B81-NW35-D2.5		5/12/18	0948	G	S	1	H						
AOC1-B81-NW35-D0.5D		5/12/18	0941	G	S	1	X						Duplicate
AOC1-B91-N5-D3.5		5/12/18	0830	G	S	1	X						
AOC1-B91-N5-D5.0		5/12/18	0836	G	S	1	H						
AOC1-B91-N30-D0.5		5/12/18	0840	G	S	1	X						
AOC1-B91-N30-D1.5		5/12/18	0844	G	S	1	H						
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other.													
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.													
Special Instructions/QC Requirements & Comments:													
H = Hold													
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Corr'd:		Therm ID No.:			
Relinquished by: N. Paulson		Company: Parsons		Date/Time: 5/12/18		Received by: J. King		Company: TA-NEW		Date/Time: 5/12/18			
Relinquished by: J. King		Company: TA-NEW		Date/Time: 5/12/18		Received by: J. King		Company: TA-NEW		Date/Time: 5/12/18			
Relinquished by: J. King		Company: TA-NEW		Date/Time: 5/12/18		Received by: J. King		Company: TA-NEW		Date/Time: 5/12/18			

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

1011.0 112-564

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-211214-1

Login Number: 211214

List Source: TestAmerica Irvine

List Number: 1

Creator: Bonta, Lucia F

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-198803-1

Client Project/Site: LAUSD Reseda H.S., CA

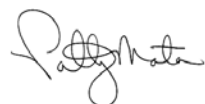
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/30/2017 11:02:12 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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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.

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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-198803-6	AOC1(B46,B47,B48,B51-0.5')	Solid	12/19/17 07:30	12/20/17 10:59
440-198803-11	AOC1(B57,B58,B59,B61-0.5')	Solid	12/19/17 07:45	12/20/17 10:59
440-198803-17	AOC1(B62,B63,B64,B65,B66-0.5')	Solid	12/19/17 08:15	12/20/17 10:59
440-198803-23	AOC1(B67,B68,B69,B70,B71-0.5')	Solid	12/19/17 09:00	12/20/17 10:59
440-198803-28	AOC1(B72,B73,B74,B75-0.5')	Solid	12/19/17 10:00	12/20/17 10:59
440-198803-35	AOC1(B76,B77,B78,B79,B80,B81-0.5')	Solid	12/19/17 13:45	12/20/17 10:59
440-198803-40	AOC1(B82,B83,B84,B85-0.5')	Solid	12/19/17 12:45	12/20/17 10:59
440-198803-46	AOC1(B40,B41,B43,B44-B45-0.5')	Solid	12/18/17 11:10	12/20/17 10:59
440-198803-51	AOC1(B30,B31,B33,B34-0.5')	Solid	12/18/17 09:40	12/20/17 10:59
440-198803-56	AOC1(B36,B37,B38,B39-0.5')	Solid	12/18/17 12:10	12/20/17 10:59
440-198803-61	AOC1(B52,B54,B55,B60-0.5')	Solid	12/18/17 14:05	12/20/17 10:59

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Job ID: 440-198803-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-198803-1

Comments

No additional comments.

Receipt

The samples were received on 12/19/2017 6:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.7° C and 5.9° C.

Receipt Exceptions

The following sample was not received: AOC1-B50-D0.5, but it was requested on COC form to be used as part of composite sample. Client was contacted and the affected sample was removed from the composite request due to no sample received.

GC Semi VOA

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 440-449003 and analytical batch 440-449006 were outside control limits for Endosulfan sulfate. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B46,B47,B48,B51-0.5')

Lab Sample ID: 440-198803-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	5.2		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	3.5	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	24	J	50	9.9	ug/Kg	1		8081A	Total/NA
Dieldrin	2.3	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B57,B58,B59,B61-0.5')

Lab Sample ID: 440-198803-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	5.8		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	3.6	J p	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	15	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B62,B63,B64,B65,B66-0.5')

Lab Sample ID: 440-198803-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	15		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	14		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	51		50	10	ug/Kg	1		8081A	Total/NA
Dieldrin	4.0	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B67,B68,B69,B70,B71-0.5')

Lab Sample ID: 440-198803-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	13		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	11		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	36	J	50	10	ug/Kg	1		8081A	Total/NA
Dieldrin	2.5	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B72,B73,B74,B75-0.5')

Lab Sample ID: 440-198803-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	9.3		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	8.0		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	44	J	50	10	ug/Kg	1		8081A	Total/NA
Dieldrin	3.5	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B76,B77,B78,B79,B80,B81-0.5')

Lab Sample ID: 440-198803-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	18		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	7.5		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	14	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B82,B83,B84,B85-0.5')

Lab Sample ID: 440-198803-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	11		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	5.6		5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B40,B41,B43,B44-B45-0.5')

Lab Sample ID: 440-198803-46

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B40,B41,B43,B44-B45-0.5') (Continued)

Lab Sample ID: 440-198803-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	6.6		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	15	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B30,B31,B33,B34-0.5')

Lab Sample ID: 440-198803-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	2.1	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	4.1	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	32	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B36,B37,B38,B39-0.5')

Lab Sample ID: 440-198803-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	4.2	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	3.0	J p	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	22	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1(B52,B54,B55,B60-0.5')

Lab Sample ID: 440-198803-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	1.6	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDE	18		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	15		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	15	J	50	10	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B46,B47,B48,B51-0.5')

Lab Sample ID: 440-198803-6

Date Collected: 12/19/17 07:30

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
4,4'-DDE	5.2		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
4,4'-DDT	3.5	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Chlordane (technical)	24	J	50	9.9	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
delta-BHC	ND		9.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Dieldrin	2.3	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 15:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		35 - 115				12/28/17 17:19	12/29/17 15:18	1
DCB Decachlorobiphenyl (Surr)	58		45 - 120				12/28/17 17:19	12/29/17 15:18	1

Client Sample ID: AOC1(B57,B58,B59,B61-0.5')

Lab Sample ID: 440-198803-11

Date Collected: 12/19/17 07:45

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
4,4'-DDE	5.8		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
4,4'-DDT	3.6	J p	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Chlordane (technical)	15	J	50	10	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:19	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B57,B58,B59,B61-0.5')

Lab Sample ID: 440-198803-11

Date Collected: 12/19/17 07:45

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		35 - 115				12/28/17 10:18	12/28/17 18:19	1
DCB Decachlorobiphenyl (Surr)	73		45 - 120				12/28/17 10:18	12/28/17 18:19	1

Client Sample ID: AOC1(B62,B63,B64,B65,B66-0.5')

Lab Sample ID: 440-198803-17

Date Collected: 12/19/17 08:15

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
4,4'-DDE	15		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
4,4'-DDT	14		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Chlordane (technical)	51		50	10	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Dieldrin	4.0 J		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		35 - 115				12/28/17 10:18	12/28/17 18:34	1
DCB Decachlorobiphenyl (Surr)	67		45 - 120				12/28/17 10:18	12/28/17 18:34	1

Client Sample ID: AOC1(B67,B68,B69,B70,B71-0.5')

Lab Sample ID: 440-198803-23

Date Collected: 12/19/17 09:00

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
4,4'-DDE	13		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
4,4'-DDT	11		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Chlordane (technical)	36 J		50	10	ug/Kg		12/28/17 10:18	12/28/17 20:48	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B67,B68,B69,B70,B71-0.5')

Lab Sample ID: 440-198803-23

Date Collected: 12/19/17 09:00

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Dieldrin	2.5	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:48	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		35 - 115	12/28/17 10:18	12/28/17 20:48	1
DCB Decachlorobiphenyl (Surr)	95		45 - 120	12/28/17 10:18	12/28/17 20:48	1

Client Sample ID: AOC1(B72,B73,B74,B75-0.5')

Lab Sample ID: 440-198803-28

Date Collected: 12/19/17 10:00

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
4,4'-DDE	9.3		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
4,4'-DDT	8.0		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Chlordane (technical)	44	J	50	10	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Dieldrin	3.5	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 21:18	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		35 - 115	12/28/17 10:18	12/28/17 21:18	1
DCB Decachlorobiphenyl (Surr)	80		45 - 120	12/28/17 10:18	12/28/17 21:18	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B76,B77,B78,B79,B80,B81-0.5')

Lab Sample ID: 440-198803-35

Date Collected: 12/19/17 13:45

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
4,4'-DDE	18		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
4,4'-DDT	7.5		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Chlordane (technical)	14	J	50	10	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:04	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		35 - 115	12/28/17 10:18	12/28/17 19:04	1
DCB Decachlorobiphenyl (Surr)	103		45 - 120	12/28/17 10:18	12/28/17 19:04	1

Client Sample ID: AOC1(B82,B83,B84,B85-0.5')

Lab Sample ID: 440-198803-40

Date Collected: 12/19/17 12:45

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
4,4'-DDE	11		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
4,4'-DDT	5.6		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:19	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B82,B83,B84,B85-0.5')

Lab Sample ID: 440-198803-40

Date Collected: 12/19/17 12:45

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		35 - 115				12/28/17 10:18	12/28/17 19:19	1
DCB Decachlorobiphenyl (Surr)	83		45 - 120				12/28/17 10:18	12/28/17 19:19	1

Client Sample ID: AOC1(B40,B41,B43,B44-B45-0.5')

Lab Sample ID: 440-198803-46

Date Collected: 12/18/17 11:10

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
4,4'-DDE	6.6		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Chlordane (technical)	15	J	50	10	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		35 - 115				12/28/17 10:18	12/28/17 19:34	1
DCB Decachlorobiphenyl (Surr)	51		45 - 120				12/28/17 10:18	12/28/17 19:34	1

Client Sample ID: AOC1(B30,B31,B33,B34-0.5')

Lab Sample ID: 440-198803-51

Date Collected: 12/18/17 09:40

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
4,4'-DDE	2.1	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
4,4'-DDT	4.1	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Chlordane (technical)	32	J	50	10	ug/Kg		12/28/17 10:18	12/28/17 19:49	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B30,B31,B33,B34-0.5')

Lab Sample ID: 440-198803-51

Date Collected: 12/18/17 09:40

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 19:49	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		35 - 115	12/28/17 10:18	12/28/17 19:49	1
DCB Decachlorobiphenyl (Surr)	63		45 - 120	12/28/17 10:18	12/28/17 19:49	1

Client Sample ID: AOC1(B36,B37,B38,B39-0.5')

Lab Sample ID: 440-198803-56

Date Collected: 12/18/17 12:10

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
4,4'-DDE	4.2	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
4,4'-DDT	3.0	J p	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Chlordane (technical)	22	J	50	10	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 20:18	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		35 - 115	12/28/17 10:18	12/28/17 20:18	1
DCB Decachlorobiphenyl (Surr)	103		45 - 120	12/28/17 10:18	12/28/17 20:18	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B52,B54,B55,B60-0.5')

Lab Sample ID: 440-198803-61

Date Collected: 12/18/17 14:05

Matrix: Solid

Date Received: 12/20/17 10:59

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.6	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
4,4'-DDE	18		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
4,4'-DDT	15		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Chlordane (technical)	15	J	50	10	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		35 - 115				12/28/17 10:18	12/28/17 18:49	1
DCB Decachlorobiphenyl (Surr)	63		45 - 120				12/28/17 10:18	12/28/17 18:49	1

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (35-115)	DCB2 (45-120)
440-198803-6	AOC1(B46,B47,B48,B51-0.5')	78	58
440-198803-11	AOC1(B57,B58,B59,B61-0.5')	86	73
440-198803-17	AOC1(B62,B63,B64,B65,B66-0.5')	77	67
440-198803-23	AOC1(B67,B68,B69,B70,B71-0.5')	94	95
440-198803-28	AOC1(B72,B73,B74,B75-0.5')	89	80
440-198803-35	AOC1(B76,B77,B78,B79,B80,B81-0.5')	86	103
440-198803-40	AOC1(B82,B83,B84,B85-0.5')	63	83
440-198803-46	AOC1(B40,B41,B43,B44-B45-0.5')	63	51
440-198803-51	AOC1(B30,B31,B33,B34-0.5')	75	63
440-198803-56	AOC1(B36,B37,B38,B39-0.5')	74	103
440-198803-61	AOC1(B52,B54,B55,B60-0.5')	81	63
440-199041-E-1-E MS	Matrix Spike	71	54
440-199041-E-1-F MSD	Matrix Spike Duplicate	69	52
440-199094-A-7-A MS	Matrix Spike	75	59
440-199094-A-7-B MSD	Matrix Spike Duplicate	76	57
LCS 440-449003/2-A	Lab Control Sample	92	83
LCS 440-449141/2-A	Lab Control Sample	109	90
MB 440-449003/1-A	Method Blank	87	70
MB 440-449141/1-A	Method Blank	113	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B46,B47,B48,B51-0.5')

Date Collected: 12/19/17 07:30

Date Received: 12/20/17 10:59

Lab Sample ID: 440-198803-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.13 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 15:18	D1D	TAL IRV

Client Sample ID: AOC1(B57,B58,B59,B61-0.5')

Date Collected: 12/19/17 07:45

Date Received: 12/20/17 10:59

Lab Sample ID: 440-198803-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 18:19	D1D	TAL IRV

Client Sample ID: AOC1(B62,B63,B64,B65,B66-0.5')

Date Collected: 12/19/17 08:15

Date Received: 12/20/17 10:59

Lab Sample ID: 440-198803-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 18:34	D1D	TAL IRV

Client Sample ID: AOC1(B67,B68,B69,B70,B71-0.5')

Date Collected: 12/19/17 09:00

Date Received: 12/20/17 10:59

Lab Sample ID: 440-198803-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 20:48	D1D	TAL IRV

Client Sample ID: AOC1(B72,B73,B74,B75-0.5')

Date Collected: 12/19/17 10:00

Date Received: 12/20/17 10:59

Lab Sample ID: 440-198803-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			14.99 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 21:18	D1D	TAL IRV

Client Sample ID: AOC1(B76,B77,B78,B79,B80,B81-0.5')

Date Collected: 12/19/17 13:45

Date Received: 12/20/17 10:59

Lab Sample ID: 440-198803-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 19:04	D1D	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Client Sample ID: AOC1(B82,B83,B84,B85-0.5')

Lab Sample ID: 440-198803-40

Date Collected: 12/19/17 12:45

Matrix: Solid

Date Received: 12/20/17 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.03 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 19:19	D1D	TAL IRV

Client Sample ID: AOC1(B40,B41,B43,B44-B45-0.5')

Lab Sample ID: 440-198803-46

Date Collected: 12/18/17 11:10

Matrix: Solid

Date Received: 12/20/17 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 19:34	D1D	TAL IRV

Client Sample ID: AOC1(B30,B31,B33,B34-0.5')

Lab Sample ID: 440-198803-51

Date Collected: 12/18/17 09:40

Matrix: Solid

Date Received: 12/20/17 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 19:49	D1D	TAL IRV

Client Sample ID: AOC1(B36,B37,B38,B39-0.5')

Lab Sample ID: 440-198803-56

Date Collected: 12/18/17 12:10

Matrix: Solid

Date Received: 12/20/17 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.01 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 20:18	D1D	TAL IRV

Client Sample ID: AOC1(B52,B54,B55,B60-0.5')

Lab Sample ID: 440-198803-61

Date Collected: 12/18/17 14:05

Matrix: Solid

Date Received: 12/20/17 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 18:49	D1D	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-449003/1-A

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
4,4'-DDE	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		35 - 115				12/28/17 10:18	12/28/17 16:36	1
DCB Decachlorobiphenyl (Surr)	70		45 - 120				12/28/17 10:18	12/28/17 16:36	1

Lab Sample ID: LCS 440-449003/2-A

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	13.3	12.7		ug/Kg		95	59 - 118
4,4'-DDE	13.3	12.1		ug/Kg		91	55 - 115
4,4'-DDT	13.3	12.8		ug/Kg		96	51 - 131
Aldrin	13.3	11.9		ug/Kg		90	46 - 115
alpha-BHC	13.3	11.7		ug/Kg		87	38 - 115
beta-BHC	13.3	11.6		ug/Kg		87	46 - 115
delta-BHC	13.3	11.9		ug/Kg		89	52 - 115
Dieldrin	13.3	12.3		ug/Kg		92	57 - 115
Endosulfan I	13.3	11.7		ug/Kg		88	56 - 115
Endosulfan II	13.3	11.4		ug/Kg		86	49 - 117
Endosulfan sulfate	13.3	11.6		ug/Kg		87	54 - 115
Endrin	13.3	12.1		ug/Kg		91	56 - 120
Endrin aldehyde	13.3	10.5		ug/Kg		78	41 - 115
Endrin ketone	13.3	12.1		ug/Kg		91	54 - 119
gamma-BHC (Lindane)	13.3	11.8		ug/Kg		89	49 - 115
Heptachlor	13.3	11.9		ug/Kg		90	52 - 115
Heptachlor epoxide	13.3	11.7		ug/Kg		87	38 - 128
Methoxychlor	13.3	14.2		ug/Kg		107	46 - 146

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	92		35 - 115
DCB Decachlorobiphenyl (Surr)	83		45 - 120

Lab Sample ID: 440-199041-E-1-E MS

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	ND		13.3	8.95		ug/Kg		67	40 - 130
4,4'-DDE	4.1	J	13.3	12.9		ug/Kg		67	35 - 130
4,4'-DDT	2.7	J	13.3	12.5		ug/Kg		73	35 - 130
Aldrin	ND		13.3	8.89		ug/Kg		67	40 - 115
alpha-BHC	ND		13.3	8.60		ug/Kg		65	40 - 115
beta-BHC	ND		13.3	8.51		ug/Kg		64	40 - 120
delta-BHC	ND		13.3	8.57	J	ug/Kg		64	45 - 120
Dieldrin	ND		13.3	8.73		ug/Kg		65	40 - 125
Endosulfan I	ND		13.3	8.28		ug/Kg		62	40 - 120
Endosulfan II	ND		13.3	7.61		ug/Kg		57	40 - 125
Endosulfan sulfate	ND	F1	13.3	16.8	F1	ug/Kg		126	45 - 120
Endrin	ND		13.3	8.54		ug/Kg		64	45 - 125
Endrin aldehyde	ND		13.3	6.57	p	ug/Kg		49	30 - 120
Endrin ketone	ND		13.3	7.66		ug/Kg		57	40 - 120
gamma-BHC (Lindane)	ND		13.3	8.59		ug/Kg		64	40 - 120
Heptachlor	ND		13.3	8.53		ug/Kg		64	40 - 115
Heptachlor epoxide	ND		13.3	8.51		ug/Kg		64	45 - 115
Methoxychlor	ND		13.3	9.26		ug/Kg		69	40 - 135

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	71		35 - 115
DCB Decachlorobiphenyl (Surr)	54		45 - 120

Lab Sample ID: 440-199041-E-1-F MSD

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
4,4'-DDD	ND		13.3	8.33		ug/Kg		62	40 - 130	7	30
4,4'-DDE	4.1	J	13.3	12.5		ug/Kg		64	35 - 130	3	30
4,4'-DDT	2.7	J	13.3	11.5		ug/Kg		66	35 - 130	8	30
Aldrin	ND		13.3	8.50		ug/Kg		64	40 - 115	5	30
alpha-BHC	ND		13.3	8.27		ug/Kg		62	40 - 115	4	30
beta-BHC	ND		13.3	8.06		ug/Kg		60	40 - 120	5	30
delta-BHC	ND		13.3	8.20	J	ug/Kg		61	45 - 120	4	30
Dieldrin	ND		13.3	8.25		ug/Kg		62	40 - 125	6	30
Endosulfan I	ND		13.3	7.64		ug/Kg		57	40 - 120	8	30
Endosulfan II	ND		13.3	7.04		ug/Kg		53	40 - 125	8	30
Endosulfan sulfate	ND	F1	13.3	18.8	F1	ug/Kg		141	45 - 120	11	30
Endrin	ND		13.3	8.04		ug/Kg		60	45 - 125	6	30
Endrin aldehyde	ND		13.3	5.94	p	ug/Kg		45	30 - 120	10	30
Endrin ketone	ND		13.3	6.94		ug/Kg		52	40 - 120	10	30
gamma-BHC (Lindane)	ND		13.3	7.98		ug/Kg		60	40 - 120	7	30
Heptachlor	ND		13.3	7.89		ug/Kg		59	40 - 115	8	30
Heptachlor epoxide	ND		13.3	8.00		ug/Kg		60	45 - 115	6	30

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-199041-E-1-F MSD

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methoxychlor	ND		13.3	7.31		ug/Kg		55	40 - 135	24	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Tetrachloro-m-xylene	69		35 - 115								
DCB Decachlorobiphenyl (Surr)	52		45 - 120								

Lab Sample ID: MB 440-449141/1-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
4,4'-DDE	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	113		35 - 115				12/28/17 17:19	12/29/17 14:03	1
DCB Decachlorobiphenyl (Surr)	89		45 - 120				12/28/17 17:19	12/29/17 14:03	1

Lab Sample ID: LCS 440-449141/2-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	13.3	12.8		ug/Kg		96	59 - 118
4,4'-DDE	13.3	14.3		ug/Kg		107	55 - 115
4,4'-DDT	13.3	13.1		ug/Kg		98	51 - 131
Aldrin	13.3	14.0		ug/Kg		105	46 - 115
alpha-BHC	13.3	13.2		ug/Kg		99	38 - 115
beta-BHC	13.3	12.6		ug/Kg		94	46 - 115
delta-BHC	13.3	12.9		ug/Kg		97	52 - 115

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 440-449141/2-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dieldrin	13.3	13.5		ug/Kg		101	57 - 115
Endosulfan I	13.3	13.1		ug/Kg		99	56 - 115
Endosulfan II	13.3	12.2		ug/Kg		92	49 - 117
Endosulfan sulfate	13.3	12.5		ug/Kg		94	54 - 115
Endrin	13.3	12.1		ug/Kg		90	56 - 120
Endrin aldehyde	13.3	11.5		ug/Kg		86	41 - 115
Endrin ketone	13.3	11.9		ug/Kg		89	54 - 119
gamma-BHC (Lindane)	13.3	12.7		ug/Kg		95	49 - 115
Heptachlor	13.3	10.6		ug/Kg		80	52 - 115
Heptachlor epoxide	13.3	12.1		ug/Kg		91	38 - 128
Methoxychlor	13.3	13.2		ug/Kg		99	46 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	109		35 - 115
DCB Decachlorobiphenyl (Surr)	90		45 - 120

Lab Sample ID: 440-199094-A-7-A MS

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		13.2	8.40		ug/Kg		64	40 - 130
4,4'-DDE	14		13.2	24.2		ug/Kg		74	35 - 130
4,4'-DDT	7.1		13.2	14.7		ug/Kg		58	35 - 130
Aldrin	ND		13.2	8.87		ug/Kg		67	40 - 115
alpha-BHC	ND		13.2	8.21		ug/Kg		62	40 - 115
beta-BHC	ND		13.2	7.52		ug/Kg		57	40 - 120
delta-BHC	ND		13.2	6.67	J	ug/Kg		51	45 - 120
Dieldrin	2.0	J	13.2	9.93		ug/Kg		61	40 - 125
Endosulfan I	ND		13.2	7.98		ug/Kg		61	40 - 120
Endosulfan II	ND		13.2	7.04		ug/Kg		53	40 - 125
Endosulfan sulfate	ND		13.2	7.50	J	ug/Kg		57	45 - 120
Endrin	ND		13.2	7.82		ug/Kg		59	45 - 125
Endrin aldehyde	ND		13.2	6.29		ug/Kg		48	30 - 120
Endrin ketone	ND		13.2	7.06		ug/Kg		54	40 - 120
gamma-BHC (Lindane)	ND		13.2	7.53		ug/Kg		57	40 - 120
Heptachlor	ND		13.2	8.01		ug/Kg		61	40 - 115
Heptachlor epoxide	ND		13.2	7.67		ug/Kg		58	45 - 115
Methoxychlor	ND		13.2	7.22		ug/Kg		55	40 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	75		35 - 115
DCB Decachlorobiphenyl (Surr)	59		45 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-199094-A-7-B MSD

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		13.2	9.00		ug/Kg		68	40 - 130	7	30
4,4'-DDE	14		13.2	26.2		ug/Kg		90	35 - 130	8	30
4,4'-DDT	7.1		13.2	14.7		ug/Kg		57	35 - 130	1	30
Aldrin	ND		13.2	9.21		ug/Kg		70	40 - 115	4	30
alpha-BHC	ND		13.2	8.41		ug/Kg		64	40 - 115	2	30
beta-BHC	ND		13.2	8.23		ug/Kg		62	40 - 120	9	30
delta-BHC	ND		13.2	6.70	J	ug/Kg		51	45 - 120	1	30
Dieldrin	2.0	J	13.2	10.7		ug/Kg		66	40 - 125	7	30
Endosulfan I	ND		13.2	8.29		ug/Kg		63	40 - 120	4	30
Endosulfan II	ND		13.2	7.07		ug/Kg		53	40 - 125	0	30
Endosulfan sulfate	ND		13.2	7.47	J	ug/Kg		57	45 - 120	0	30
Endrin	ND		13.2	8.22		ug/Kg		62	45 - 125	5	30
Endrin aldehyde	ND		13.2	6.30		ug/Kg		48	30 - 120	0	30
Endrin ketone	ND		13.2	7.20		ug/Kg		54	40 - 120	2	30
gamma-BHC (Lindane)	ND		13.2	7.94		ug/Kg		60	40 - 120	5	30
Heptachlor	ND		13.2	8.85		ug/Kg		67	40 - 115	10	30
Heptachlor epoxide	ND		13.2	8.33		ug/Kg		63	45 - 115	8	30
Methoxychlor	ND		13.2	6.24		ug/Kg		47	40 - 135	15	30
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
Tetrachloro-m-xylene	76		35 - 115								
DCB Decachlorobiphenyl (Surr)	57		45 - 120								

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

GC Semi VOA

Prep Batch: 449003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198803-11	AOC1(B57,B58,B59,B61-0.5')	Total/NA	Solid	3546	
440-198803-17	AOC1(B62,B63,B64,B65,B66-0.5')	Total/NA	Solid	3546	
440-198803-23	AOC1(B67,B68,B69,B70,B71-0.5')	Total/NA	Solid	3546	
440-198803-28	AOC1(B72,B73,B74,B75-0.5')	Total/NA	Solid	3546	
440-198803-35	AOC1(B76,B77,B78,B79,B80,B81-0.5')	Total/NA	Solid	3546	
440-198803-40	AOC1(B82,B83,B84,B85-0.5')	Total/NA	Solid	3546	
440-198803-46	AOC1(B40,B41,B43,B44-B45-0.5')	Total/NA	Solid	3546	
440-198803-51	AOC1(B30,B31,B33,B34-0.5')	Total/NA	Solid	3546	
440-198803-56	AOC1(B36,B37,B38,B39-0.5')	Total/NA	Solid	3546	
440-198803-61	AOC1(B52,B54,B55,B60-0.5')	Total/NA	Solid	3546	
MB 440-449003/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-449003/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199041-E-1-E MS	Matrix Spike	Total/NA	Solid	3546	
440-199041-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 449006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198803-11	AOC1(B57,B58,B59,B61-0.5')	Total/NA	Solid	8081A	449003
440-198803-17	AOC1(B62,B63,B64,B65,B66-0.5')	Total/NA	Solid	8081A	449003
440-198803-23	AOC1(B67,B68,B69,B70,B71-0.5')	Total/NA	Solid	8081A	449003
440-198803-28	AOC1(B72,B73,B74,B75-0.5')	Total/NA	Solid	8081A	449003
440-198803-35	AOC1(B76,B77,B78,B79,B80,B81-0.5')	Total/NA	Solid	8081A	449003
440-198803-40	AOC1(B82,B83,B84,B85-0.5')	Total/NA	Solid	8081A	449003
440-198803-46	AOC1(B40,B41,B43,B44-B45-0.5')	Total/NA	Solid	8081A	449003
440-198803-51	AOC1(B30,B31,B33,B34-0.5')	Total/NA	Solid	8081A	449003
440-198803-56	AOC1(B36,B37,B38,B39-0.5')	Total/NA	Solid	8081A	449003
440-198803-61	AOC1(B52,B54,B55,B60-0.5')	Total/NA	Solid	8081A	449003
MB 440-449003/1-A	Method Blank	Total/NA	Solid	8081A	449003
LCS 440-449003/2-A	Lab Control Sample	Total/NA	Solid	8081A	449003
440-199041-E-1-E MS	Matrix Spike	Total/NA	Solid	8081A	449003
440-199041-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	449003

Prep Batch: 449141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198803-6	AOC1(B46,B47,B48,B51-0.5')	Total/NA	Solid	3546	
MB 440-449141/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-449141/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199094-A-7-A MS	Matrix Spike	Total/NA	Solid	3546	
440-199094-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 449294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-198803-6	AOC1(B46,B47,B48,B51-0.5')	Total/NA	Solid	8081A	449141
MB 440-449141/1-A	Method Blank	Total/NA	Solid	8081A	449141
LCS 440-449141/2-A	Lab Control Sample	Total/NA	Solid	8081A	449141
440-199094-A-7-A MS	Matrix Spike	Total/NA	Solid	8081A	449141
440-199094-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	449141

TestAmerica Irvine

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Qualifiers

GC Semi 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.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
F1	MS and/or MSD Recovery is outside acceptance limits.

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-198803-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

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Chain of Custody Record 181161

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Justin King		Site Contact: Monica P.		Date: 12-16-17		COC No: 8 of 8 COCs	
Company Name: JD Parvo		Tel/Fax: 626-440-6133		Lab Contact: Monica P.		Carrier:		Sampler:	
Address: 60 West Walnut St.		City/State/Zip: Pasadena, CA 91104		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:	
Phone: 626-440-6133		Fax:		TAT if different from Below		Lab Sampling:		Job / SDG No.:	
Project Name: Rexco HS PBA		Site: Rexco High School		Sample Date		Sample Time		Sample Type (C-Comp, G-Grab)	
P.O.#		Sample Identification		Sample Date		Sample Time		Matrix	
		Sample Type		# of Cont.		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)	
AOC1-B64-D0.5		12/18/17 1505		C		S		1	
AOC1-B64-D1.5		12/18/17 1510		C		S		1	
AOC1-B64-D2.5		12/18/17 1515		C		S		1	
AOC1-B58-D0.5		12/19/17 1520		C		S		1	
AOC1-B58-D1.5		12/18/17 1525		C		S		1	
AOC1-B58-D2.5		12/18/17 1530		C		S		1	
E-12-18-17		12/18/17 1535		C		S		2	
AOC1-B40-B41-B43-B44-B45		12/18/17		6		S		lab to composite sample AOC1	
AOC1-B30-B31-B33-B34		↓		6		S		lab to composite sample AOC1	
AOC1-B36-B37-B38-B39		↓		6		S		lab to composite sample AOC1	
AOC1-B52-B54-B55-B60		↓		6		S		lab to composite sample AOC1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Therm ID No.:	
Company: Parvo's		Received by: [Signature]		Company: [Signature]		Date/Time: 12/19/17 1000	
Company: TA		Received by: [Signature]		Company: [Signature]		Date/Time: 12/19/17 1310	
Company: [Signature]		Received by: [Signature]		Company: [Signature]		Date/Time: 12/19/17 1310	

Mata, Patty

From: King, Justin <Justin.King@parsons.com>
Sent: Thursday, December 28, 2017 12:29 PM
To: Mata, Patty
Subject: RE: Missing B50 for composite for TestAmerica files from 440-198803-1 LAUSD Reseda H.S., CA

-External Email-

Patty
We did not collect a sample at B50. Please omit B50 from composite.
Thanks
Justin

From: Mata, Patty [<mailto:patty.mata@testamericainc.com>]
Sent: Thursday, December 28, 2017 11:40 AM
To: King, Justin <Justin.King@parsons.com>
Subject: Missing B50 for composite for TestAmerica files from 440-198803-1 LAUSD Reseda H.S., CA

Hello,

We are missing the discrete B50 sample set but the attached COC for job 440-198803-1; LAUSD Reseda H.S., CA has request to put this sample into composite. Please let me know.

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback\[surveymonkey.com\]](https://www.surveymonkey.com/projects/ProjectFeedback)

PATTY MATA
Project Manager

TestAmerica Irvine
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 949.261,1022

Reference: [419287]
Attachments: 1

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-198803-1

Login Number: 198803

List Source: TestAmerica Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	False	See case narrative.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

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Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-199071-1

Client Project/Site: LAUSD Reseda H.S., CA

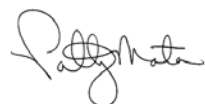
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/30/2017 4:37:36 PM

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

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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-199071-6	AOC1-(B14,B15,B16,B17,B18)-0.5'	Solid	12/20/17 08:20	12/20/17 18:25
440-199071-11	AOC1-(B19,B20,B21,B22)-0.5'	Solid	12/20/17 07:20	12/20/17 18:25
440-199071-18	AOC1-(B24,B25,B26,B27,B28,B29)-0.5'	Solid	12/20/17 10:10	12/20/17 18:25
440-199071-23	AOC1-(B19,B20,B21,B22)-Dup-0.5'	Solid	12/20/17 07:20	12/20/17 18:25
440-199071-29	AOC1-(B14,B15,B16,B17,B18)-Dup-0.5'	Solid	12/20/17 08:35	12/20/17 18:25
440-199071-35	AOC1-(B1,B2,B3,B4,B5)-0.5'	Solid	12/20/17 12:55	12/20/17 18:25
440-199071-40	AOC1-(B6,B8,B9,B10)-0.5'	Solid	12/20/17 13:10	12/20/17 18:25
440-199071-45	AOC1-(B11,B12,B13,B23)-0.5'	Solid	12/20/17 13:25	12/20/17 18:25

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Job ID: 440-199071-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-199071-1

Comments

No additional comments.

Receipt

The samples were received on 12/20/2017 6:25 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 2.7° C.

GC Semi VOA

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 440-449003 and analytical batch 440-449006 were outside control limits for Endosulfan sulfate. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8081A: Surrogate recovery for the following samples were outside control limits: AOC1-(B6,B8,B9,B10) (440-199071-40). Evidence of matrix interference is present, with dark-colored extract; therefore, re-extraction and re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B14,B15,B16,B17,B18)-0.5'

Lab Sample ID: 440-199071-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	2.3	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.6	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B19,B20,B21,B22)-0.5'

Lab Sample ID: 440-199071-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	6.4		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	6.3		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	14	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B24,B25,B26,B27,B28,B29)-0.5'

Lab Sample ID: 440-199071-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	1.9	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	4.6	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B19,B20,B21,B22)-Dup-0.5'

Lab Sample ID: 440-199071-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	3.1	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.4	J p	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	14	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B14,B15,B16,B17,B18)-Dup-0.5'

Lab Sample ID: 440-199071-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	2.8	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	1.8	J p	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B1,B2,B3,B4,B5)-0.5'

Lab Sample ID: 440-199071-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	13		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	22		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	34	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B6,B8,B9,B10)-0.5'

Lab Sample ID: 440-199071-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	6.8		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	1.8	J p	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	12	J	50	10	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B11,B12,B13,B23)-0.5'

Lab Sample ID: 440-199071-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	3.4	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	3.8	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B14,B15,B16,B17,B18)-0.5'

Lab Sample ID: 440-199071-6

Date Collected: 12/20/17 08:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
4,4'-DDE	2.3	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
4,4'-DDT	2.6	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/29/17 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		35 - 115				12/28/17 10:18	12/29/17 02:22	1
DCB Decachlorobiphenyl (Surr)	64		45 - 120				12/28/17 10:18	12/29/17 02:22	1

Client Sample ID: AOC1-(B19,B20,B21,B22)-0.5'

Lab Sample ID: 440-199071-11

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
4,4'-DDE	6.4		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
4,4'-DDT	6.3		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Chlordane (technical)	14	J	50	10	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:34	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B19,B20,B21,B22)-0.5'

Lab Sample ID: 440-199071-11

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/29/17 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		35 - 115				12/28/17 10:18	12/29/17 03:34	1
DCB Decachlorobiphenyl (Surr)	69		45 - 120				12/28/17 10:18	12/29/17 03:34	1

Client Sample ID: AOC1-(B24,B25,B26,B27,B28,B29)-0.5'

Lab Sample ID: 440-199071-18

Date Collected: 12/20/17 10:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
4,4'-DDE	1.9	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
4,4'-DDT	4.6	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/29/17 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		35 - 115				12/28/17 10:18	12/29/17 02:36	1
DCB Decachlorobiphenyl (Surr)	58		45 - 120				12/28/17 10:18	12/29/17 02:36	1

Client Sample ID: AOC1-(B19,B20,B21,B22)-Dup-0.5'

Lab Sample ID: 440-199071-23

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
4,4'-DDE	3.1	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
4,4'-DDT	2.4	J p	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Chlordane (technical)	14	J	50	10	ug/Kg		12/28/17 10:18	12/29/17 04:03	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B19,B20,B21,B22)-Dup-0.5'

Lab Sample ID: 440-199071-23

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 04:03	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/29/17 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		35 - 115	12/28/17 10:18	12/29/17 04:03	1
DCB Decachlorobiphenyl (Surr)	112		45 - 120	12/28/17 10:18	12/29/17 04:03	1

Client Sample ID: AOC1-(B14,B15,B16,B17,B18)-Dup-0.5'

Lab Sample ID: 440-199071-29

Date Collected: 12/20/17 08:35

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
4,4'-DDE	2.8	J	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
4,4'-DDT	1.8	J p	5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 02:51	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/29/17 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	58		35 - 115	12/28/17 10:18	12/29/17 02:51	1
DCB Decachlorobiphenyl (Surr)	58		45 - 120	12/28/17 10:18	12/29/17 02:51	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B1,B2,B3,B4,B5)-0.5'

Lab Sample ID: 440-199071-35

Date Collected: 12/20/17 12:55

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
4,4'-DDE	13		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
4,4'-DDT	22		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Chlordane (technical)	34 J		50	10	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:05	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/29/17 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	37		35 - 115	12/28/17 10:18	12/29/17 03:05	1
DCB Decachlorobiphenyl (Surr)	48		45 - 120	12/28/17 10:18	12/29/17 03:05	1

Client Sample ID: AOC1-(B6,B8,B9,B10)-0.5'

Lab Sample ID: 440-199071-40

Date Collected: 12/20/17 13:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
4,4'-DDE	6.8		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
4,4'-DDT	1.8 J p		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Chlordane (technical)	12 J		50	10	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/29/17 03:20	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B6,B8,B9,B10)-0.5'

Lab Sample ID: 440-199071-40

Date Collected: 12/20/17 13:10

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/29/17 03:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	41		35 - 115				12/28/17 10:18	12/29/17 03:20	1
DCB Decachlorobiphenyl (Surr)	41	X	45 - 120				12/28/17 10:18	12/29/17 03:20	1

Client Sample ID: AOC1-(B11,B12,B13,B23)-0.5'

Lab Sample ID: 440-199071-45

Date Collected: 12/20/17 13:25

Matrix: Solid

Date Received: 12/20/17 18:25

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
4,4'-DDE	3.4	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
4,4'-DDT	3.8	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		35 - 115				12/28/17 17:19	12/29/17 16:17	1
DCB Decachlorobiphenyl (Surr)	46		45 - 120				12/28/17 17:19	12/29/17 16:17	1

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (35-115)	DCB2 (45-120)
440-199041-E-1-E MS	Matrix Spike	71	54
440-199041-E-1-F MSD	Matrix Spike Duplicate	69	52
440-199071-6	AOC1-(B14,B15,B16,B17,B18) -0.5'	69	64
440-199071-11	AOC1-(B19,B20,B21,B22)-0.5'	67	69
440-199071-18	AOC1-(B24,B25,B26,B27,B28,B29) -0.5'	71	58
440-199071-23	AOC1-(B19,B20,B21,B22) -Dup-0.5'	72	112
440-199071-29	AOC1-(B14,B15,B16,B17,B18) -Dup-0.5'	58	58
440-199071-35	AOC1-(B1,B2,B3,B4,B5)-0.5'	37	48
440-199071-40	AOC1-(B6,B8,B9,B10)-0.5'	41	41 X
440-199071-45	AOC1-(B11,B12,B13,B23)-0.5'	63	46
440-199094-A-7-A MS	Matrix Spike	75	59
440-199094-A-7-B MSD	Matrix Spike Duplicate	76	57
LCS 440-449003/2-A	Lab Control Sample	92	83
LCS 440-449141/2-A	Lab Control Sample	109	90
MB 440-449003/1-A	Method Blank	87	
MB 440-449141/1-A	Method Blank	113	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B14,B15,B16,B17,B18)-0.5'

Lab Sample ID: 440-199071-6

Date Collected: 12/20/17 08:20

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.03 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449071	12/29/17 02:22	D1D	TAL IRV

Client Sample ID: AOC1-(B19,B20,B21,B22)-0.5'

Lab Sample ID: 440-199071-11

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449071	12/29/17 03:34	D1D	TAL IRV

Client Sample ID: AOC1-(B24,B25,B26,B27,B28,B29)-0.5'

Lab Sample ID: 440-199071-18

Date Collected: 12/20/17 10:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.01 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449071	12/29/17 02:36	D1D	TAL IRV

Client Sample ID: AOC1-(B19,B20,B21,B22)-Dup-0.5'

Lab Sample ID: 440-199071-23

Date Collected: 12/20/17 07:20

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449071	12/29/17 04:03	D1D	TAL IRV

Client Sample ID: AOC1-(B14,B15,B16,B17,B18)-Dup-0.5'

Lab Sample ID: 440-199071-29

Date Collected: 12/20/17 08:35

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449071	12/29/17 02:51	D1D	TAL IRV

Client Sample ID: AOC1-(B1,B2,B3,B4,B5)-0.5'

Lab Sample ID: 440-199071-35

Date Collected: 12/20/17 12:55

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.02 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449071	12/29/17 03:05	D1D	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Client Sample ID: AOC1-(B6,B8,B9,B10)-0.5'

Lab Sample ID: 440-199071-40

Date Collected: 12/20/17 13:10

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449071	12/29/17 03:20	D1D	TAL IRV

Client Sample ID: AOC1-(B11,B12,B13,B23)-0.5'

Lab Sample ID: 440-199071-45

Date Collected: 12/20/17 13:25

Matrix: Solid

Date Received: 12/20/17 18:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.03 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 16:17	D1D	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-449003/1-A

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
4,4'-DDE	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		35 - 115				12/28/17 10:18	12/28/17 16:36	1

Lab Sample ID: LCS 440-449003/2-A

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	13.3	12.7		ug/Kg		95	59 - 118
4,4'-DDE	13.3	12.1		ug/Kg		91	55 - 115
4,4'-DDT	13.3	12.8		ug/Kg		96	51 - 131
Aldrin	13.3	11.9		ug/Kg		90	46 - 115
alpha-BHC	13.3	11.7		ug/Kg		87	38 - 115
beta-BHC	13.3	11.6		ug/Kg		87	46 - 115
delta-BHC	13.3	11.9		ug/Kg		89	52 - 115
Dieldrin	13.3	12.3		ug/Kg		92	57 - 115
Endosulfan I	13.3	11.7		ug/Kg		88	56 - 115
Endosulfan II	13.3	11.4		ug/Kg		86	49 - 117
Endosulfan sulfate	13.3	11.6		ug/Kg		87	54 - 115
Endrin	13.3	12.1		ug/Kg		91	56 - 120
Endrin aldehyde	13.3	10.5		ug/Kg		78	41 - 115
Endrin ketone	13.3	12.1		ug/Kg		91	54 - 119
gamma-BHC (Lindane)	13.3	11.8		ug/Kg		89	49 - 115
Heptachlor	13.3	11.9		ug/Kg		90	52 - 115
Heptachlor epoxide	13.3	11.7		ug/Kg		87	38 - 128
Methoxychlor	13.3	14.2		ug/Kg		107	46 - 146

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 440-449003/2-A

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449003

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	92		35 - 115
DCB Decachlorobiphenyl (Surr)	83		45 - 120

Lab Sample ID: 440-199041-E-1-E MS

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		13.3	8.95		ug/Kg		67	40 - 130
4,4'-DDE	4.1	J	13.3	12.9		ug/Kg		67	35 - 130
4,4'-DDT	2.7	J	13.3	12.5		ug/Kg		73	35 - 130
Aldrin	ND		13.3	8.89		ug/Kg		67	40 - 115
alpha-BHC	ND		13.3	8.60		ug/Kg		65	40 - 115
beta-BHC	ND		13.3	8.51		ug/Kg		64	40 - 120
delta-BHC	ND		13.3	8.57	J	ug/Kg		64	45 - 120
Dieldrin	ND		13.3	8.73		ug/Kg		65	40 - 125
Endosulfan I	ND		13.3	8.28		ug/Kg		62	40 - 120
Endosulfan II	ND		13.3	7.61		ug/Kg		57	40 - 125
Endosulfan sulfate	ND	F1	13.3	16.8	F1	ug/Kg		126	45 - 120
Endrin	ND		13.3	8.54		ug/Kg		64	45 - 125
Endrin aldehyde	ND		13.3	6.57	p	ug/Kg		49	30 - 120
Endrin ketone	ND		13.3	7.66		ug/Kg		57	40 - 120
gamma-BHC (Lindane)	ND		13.3	8.59		ug/Kg		64	40 - 120
Heptachlor	ND		13.3	8.53		ug/Kg		64	40 - 115
Heptachlor epoxide	ND		13.3	8.51		ug/Kg		64	45 - 115
Methoxychlor	ND		13.3	9.26		ug/Kg		69	40 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	71		35 - 115
DCB Decachlorobiphenyl (Surr)	54		45 - 120

Lab Sample ID: 440-199041-E-1-F MSD

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		13.3	8.33		ug/Kg		62	40 - 130	7	30
4,4'-DDE	4.1	J	13.3	12.5		ug/Kg		64	35 - 130	3	30
4,4'-DDT	2.7	J	13.3	11.5		ug/Kg		66	35 - 130	8	30
Aldrin	ND		13.3	8.50		ug/Kg		64	40 - 115	5	30
alpha-BHC	ND		13.3	8.27		ug/Kg		62	40 - 115	4	30
beta-BHC	ND		13.3	8.06		ug/Kg		60	40 - 120	5	30
delta-BHC	ND		13.3	8.20	J	ug/Kg		61	45 - 120	4	30
Dieldrin	ND		13.3	8.25		ug/Kg		62	40 - 125	6	30
Endosulfan I	ND		13.3	7.64		ug/Kg		57	40 - 120	8	30
Endosulfan II	ND		13.3	7.04		ug/Kg		53	40 - 125	8	30
Endosulfan sulfate	ND	F1	13.3	18.8	F1	ug/Kg		141	45 - 120	11	30
Endrin	ND		13.3	8.04		ug/Kg		60	45 - 125	6	30

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-199041-E-1-F MSD

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin aldehyde	ND		13.3	5.94	p	ug/Kg		45	30 - 120	10	30
Endrin ketone	ND		13.3	6.94		ug/Kg		52	40 - 120	10	30
gamma-BHC (Lindane)	ND		13.3	7.98		ug/Kg		60	40 - 120	7	30
Heptachlor	ND		13.3	7.89		ug/Kg		59	40 - 115	8	30
Heptachlor epoxide	ND		13.3	8.00		ug/Kg		60	45 - 115	6	30
Methoxychlor	ND		13.3	7.31		ug/Kg		55	40 - 135	24	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	69		35 - 115
DCB Decachlorobiphenyl (Surr)	52		45 - 120

Lab Sample ID: MB 440-449141/1-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
4,4'-DDE	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 14:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	113		35 - 115	12/28/17 17:19	12/29/17 14:03	1
DCB Decachlorobiphenyl (Surr)	89		45 - 120	12/28/17 17:19	12/29/17 14:03	1

Lab Sample ID: LCS 440-449141/2-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	13.3	12.8		ug/Kg		96	59 - 118
4,4'-DDE	13.3	14.3		ug/Kg		107	55 - 115

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 440-449141/2-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDT	13.3	13.1		ug/Kg		98	51 - 131
Aldrin	13.3	14.0		ug/Kg		105	46 - 115
alpha-BHC	13.3	13.2		ug/Kg		99	38 - 115
beta-BHC	13.3	12.6		ug/Kg		94	46 - 115
delta-BHC	13.3	12.9		ug/Kg		97	52 - 115
Dieldrin	13.3	13.5		ug/Kg		101	57 - 115
Endosulfan I	13.3	13.1		ug/Kg		99	56 - 115
Endosulfan II	13.3	12.2		ug/Kg		92	49 - 117
Endosulfan sulfate	13.3	12.5		ug/Kg		94	54 - 115
Endrin	13.3	12.1		ug/Kg		90	56 - 120
Endrin aldehyde	13.3	11.5		ug/Kg		86	41 - 115
Endrin ketone	13.3	11.9		ug/Kg		89	54 - 119
gamma-BHC (Lindane)	13.3	12.7		ug/Kg		95	49 - 115
Heptachlor	13.3	10.6		ug/Kg		80	52 - 115
Heptachlor epoxide	13.3	12.1		ug/Kg		91	38 - 128
Methoxychlor	13.3	13.2		ug/Kg		99	46 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	109		35 - 115
DCB Decachlorobiphenyl (Surr)	90		45 - 120

Lab Sample ID: 440-199094-A-7-A MS

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	ND		13.2	8.40		ug/Kg		64	40 - 130
4,4'-DDE	14		13.2	24.2		ug/Kg		74	35 - 130
4,4'-DDT	7.1		13.2	14.7		ug/Kg		58	35 - 130
Aldrin	ND		13.2	8.87		ug/Kg		67	40 - 115
alpha-BHC	ND		13.2	8.21		ug/Kg		62	40 - 115
beta-BHC	ND		13.2	7.52		ug/Kg		57	40 - 120
delta-BHC	ND		13.2	6.67	J	ug/Kg		51	45 - 120
Dieldrin	2.0	J	13.2	9.93		ug/Kg		61	40 - 125
Endosulfan I	ND		13.2	7.98		ug/Kg		61	40 - 120
Endosulfan II	ND		13.2	7.04		ug/Kg		53	40 - 125
Endosulfan sulfate	ND		13.2	7.50	J	ug/Kg		57	45 - 120
Endrin	ND		13.2	7.82		ug/Kg		59	45 - 125
Endrin aldehyde	ND		13.2	6.29		ug/Kg		48	30 - 120
Endrin ketone	ND		13.2	7.06		ug/Kg		54	40 - 120
gamma-BHC (Lindane)	ND		13.2	7.53		ug/Kg		57	40 - 120
Heptachlor	ND		13.2	8.01		ug/Kg		61	40 - 115
Heptachlor epoxide	ND		13.2	7.67		ug/Kg		58	45 - 115
Methoxychlor	ND		13.2	7.22		ug/Kg		55	40 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	75		35 - 115

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-199094-A-7-A MS

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 449141

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	59		45 - 120

Lab Sample ID: 440-199094-A-7-B MSD

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		13.2	9.00		ug/Kg		68	40 - 130	7	30
4,4'-DDE	14		13.2	26.2		ug/Kg		90	35 - 130	8	30
4,4'-DDT	7.1		13.2	14.7		ug/Kg		57	35 - 130	1	30
Aldrin	ND		13.2	9.21		ug/Kg		70	40 - 115	4	30
alpha-BHC	ND		13.2	8.41		ug/Kg		64	40 - 115	2	30
beta-BHC	ND		13.2	8.23		ug/Kg		62	40 - 120	9	30
delta-BHC	ND		13.2	6.70	J	ug/Kg		51	45 - 120	1	30
Dieldrin	2.0	J	13.2	10.7		ug/Kg		66	40 - 125	7	30
Endosulfan I	ND		13.2	8.29		ug/Kg		63	40 - 120	4	30
Endosulfan II	ND		13.2	7.07		ug/Kg		53	40 - 125	0	30
Endosulfan sulfate	ND		13.2	7.47	J	ug/Kg		57	45 - 120	0	30
Endrin	ND		13.2	8.22		ug/Kg		62	45 - 125	5	30
Endrin aldehyde	ND		13.2	6.30		ug/Kg		48	30 - 120	0	30
Endrin ketone	ND		13.2	7.20		ug/Kg		54	40 - 120	2	30
gamma-BHC (Lindane)	ND		13.2	7.94		ug/Kg		60	40 - 120	5	30
Heptachlor	ND		13.2	8.85		ug/Kg		67	40 - 115	10	30
Heptachlor epoxide	ND		13.2	8.33		ug/Kg		63	45 - 115	8	30
Methoxychlor	ND		13.2	6.24		ug/Kg		47	40 - 135	15	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	76		35 - 115
DCB Decachlorobiphenyl (Surr)	57		45 - 120

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

GC Semi VOA

Prep Batch: 449003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199071-6	AOC1-(B14,B15,B16,B17,B18)-0.5'	Total/NA	Solid	3546	
440-199071-11	AOC1-(B19,B20,B21,B22)-0.5'	Total/NA	Solid	3546	
440-199071-18	AOC1-(B24,B25,B26,B27,B28,B29)-0.5'	Total/NA	Solid	3546	
440-199071-23	AOC1-(B19,B20,B21,B22)-Dup-0.5'	Total/NA	Solid	3546	
440-199071-29	AOC1-(B14,B15,B16,B17,B18)-Dup-0.5'	Total/NA	Solid	3546	
440-199071-35	AOC1-(B1,B2,B3,B4,B5)-0.5'	Total/NA	Solid	3546	
440-199071-40	AOC1-(B6,B8,B9,B10)-0.5'	Total/NA	Solid	3546	
MB 440-449003/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-449003/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199041-E-1-E MS	Matrix Spike	Total/NA	Solid	3546	
440-199041-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 449006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-449003/1-A	Method Blank	Total/NA	Solid	8081A	449003
LCS 440-449003/2-A	Lab Control Sample	Total/NA	Solid	8081A	449003
440-199041-E-1-E MS	Matrix Spike	Total/NA	Solid	8081A	449003
440-199041-E-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	449003

Analysis Batch: 449071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199071-6	AOC1-(B14,B15,B16,B17,B18)-0.5'	Total/NA	Solid	8081A	449003
440-199071-11	AOC1-(B19,B20,B21,B22)-0.5'	Total/NA	Solid	8081A	449003
440-199071-18	AOC1-(B24,B25,B26,B27,B28,B29)-0.5'	Total/NA	Solid	8081A	449003
440-199071-23	AOC1-(B19,B20,B21,B22)-Dup-0.5'	Total/NA	Solid	8081A	449003
440-199071-29	AOC1-(B14,B15,B16,B17,B18)-Dup-0.5'	Total/NA	Solid	8081A	449003
440-199071-35	AOC1-(B1,B2,B3,B4,B5)-0.5'	Total/NA	Solid	8081A	449003
440-199071-40	AOC1-(B6,B8,B9,B10)-0.5'	Total/NA	Solid	8081A	449003

Prep Batch: 449141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199071-45	AOC1-(B11,B12,B13,B23)-0.5'	Total/NA	Solid	3546	
MB 440-449141/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-449141/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199094-A-7-A MS	Matrix Spike	Total/NA	Solid	3546	
440-199094-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 449294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199071-45	AOC1-(B11,B12,B13,B23)-0.5'	Total/NA	Solid	8081A	449141
MB 440-449141/1-A	Method Blank	Total/NA	Solid	8081A	449141
LCS 440-449141/2-A	Lab Control Sample	Total/NA	Solid	8081A	449141
440-199094-A-7-A MS	Matrix Spike	Total/NA	Solid	8081A	449141
440-199094-A-7-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	449141

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Qualifiers

GC Semi 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.
F1	MS and/or MSD Recovery is outside acceptance limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199071-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-199071-1

Login Number: 199071

List Source: TestAmerica Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-199094-1

Client Project/Site: LAUSD Reseda H.S., CA

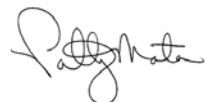
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/30/2017 4:39:28 PM

Patty Mata, Senior Project Manager

(949)261-1022

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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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-199094-7	AOC1-(B90,B91,B92,B93,B94,B95)-0.5'	Solid	12/21/17 07:50	12/21/17 19:12
440-199094-14	AOC1-(B96,B97,B98,B99,B100,B101)-0.5'	Solid	12/21/17 08:50	12/21/17 19:12
440-199094-19	ACO1-(B102,B103,B104,B105)-0.5'	Solid	12/21/17 09:50	12/21/17 19:12
440-199094-24	ACO1-(B102,B103,B104,B105)-DUP-0.5'	Solid	12/21/17 09:50	12/21/17 19:12
440-199094-31	ACO1-(B106,B107,B108,B109,B110,B111)-0.5'	Solid	12/21/17 11:20	12/21/17 19:12
440-199094-36	AOC1-(B112,B113,B114,B115)-0.5'	Solid	12/21/17 12:20	12/21/17 19:12
440-199094-41	AOC1-(B112,B113,B114,B115)-DUP-0.5'	Solid	12/21/17 12:20	12/21/17 19:12
440-199094-46	AOC1-(B86,B87,B88,B89)-0.5'	Solid	12/19/17 11:45	12/21/17 19:12

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Job ID: 440-199094-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-199094-1

Comments

No additional comments.

Receipt

The samples were received on 12/21/2017 7:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 1.5° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: AOC1-(B90,B91,B92,B93,B94,B95)-0.5'

Lab Sample ID: 440-199094-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	14		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	7.1		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	31	J	50	9.9	ug/Kg	1		8081A	Total/NA
Dieldrin	2.0	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B96,B97,B98,B99,B100,B101)-0.5'

Lab Sample ID: 440-199094-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	2.4	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDE	15		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	6.8		5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	67		50	10	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	2.8	J	5.0	2.0	ug/Kg	1		8081A	Total/NA

Client Sample ID: ACO1-(B102,B103,B104,B105)-0.5'

Lab Sample ID: 440-199094-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	1.8	J	4.9	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: ACO1-(B102,B103,B104,B105)-DUP-0.5'

Lab Sample ID: 440-199094-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	6.1		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	3.6	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: ACO1-(B106,B107,B108,B109,B110,B111)-0.5'

Lab Sample ID: 440-199094-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	6.0		5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.5	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B112,B113,B114,B115)-0.5'

Lab Sample ID: 440-199094-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	2.8	J	4.9	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B112,B113,B114,B115)-DUP-0.5'

Lab Sample ID: 440-199094-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	3.5	J	5.0	1.5	ug/Kg	1		8081A	Total/NA

Client Sample ID: AOC1-(B86,B87,B88,B89)-0.5'

Lab Sample ID: 440-199094-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	4.6	J	4.9	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.0	J	4.9	1.5	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: AOC1-(B90,B91,B92,B93,B94,B95)-0.5'

Lab Sample ID: 440-199094-7

Date Collected: 12/21/17 07:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
4,4'-DDE	14		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
4,4'-DDT	7.1		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Chlordane (technical)	31	J	50	9.9	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
delta-BHC	ND		9.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Dieldrin	2.0	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	58		35 - 115				12/28/17 17:19	12/29/17 15:03	1
DCB Decachlorobiphenyl (Surr)	45		45 - 120				12/28/17 17:19	12/29/17 15:03	1

Client Sample ID: AOC1-(B96,B97,B98,B99,B100,B101)-0.5'

Lab Sample ID: 440-199094-14

Date Collected: 12/21/17 08:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	2.4	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
4,4'-DDE	15		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
4,4'-DDT	6.8		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Chlordane (technical)	67		50	10	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Heptachlor epoxide	2.8	J	5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:32	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: AOC1-(B96,B97,B98,B99,B100,B101)-0.5'

Lab Sample ID: 440-199094-14

Date Collected: 12/21/17 08:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		35 - 115				12/28/17 17:19	12/29/17 16:32	1
DCB Decachlorobiphenyl (Surr)	72		45 - 120				12/28/17 17:19	12/29/17 16:32	1

Client Sample ID: ACO1-(B102,B103,B104,B105)-0.5'

Lab Sample ID: 440-199094-19

Date Collected: 12/21/17 09:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
4,4'-DDE	1.8	J	4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
4,4'-DDT	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Aldrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
alpha-BHC	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
beta-BHC	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Chlordane (technical)	ND		49	9.8	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
delta-BHC	ND		9.8	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Dieldrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Endosulfan I	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Endosulfan II	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Endosulfan sulfate	ND		9.8	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Endrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Endrin aldehyde	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Endrin ketone	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
gamma-BHC (Lindane)	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Heptachlor	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Heptachlor epoxide	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Methoxychlor	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Toxaphene	ND		200	49	ug/Kg		12/28/17 17:19	12/29/17 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		35 - 115				12/28/17 17:19	12/29/17 16:47	1
DCB Decachlorobiphenyl (Surr)	52		45 - 120				12/28/17 17:19	12/29/17 16:47	1

Client Sample ID: ACO1-(B102,B103,B104,B105)-DUP-0.5'

Lab Sample ID: 440-199094-24

Date Collected: 12/21/17 09:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
4,4'-DDE	6.1		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
4,4'-DDT	3.6	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Chlordane (technical)	ND		50	9.9	ug/Kg		12/28/17 17:19	12/29/17 17:01	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: ACO1-(B102,B103,B104,B105)-DUP-0.5'

Lab Sample ID: 440-199094-24

Date Collected: 12/21/17 09:50

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		9.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:01	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		35 - 115	12/28/17 17:19	12/29/17 17:01	1
DCB Decachlorobiphenyl (Surr)	70		45 - 120	12/28/17 17:19	12/29/17 17:01	1

Client Sample ID: ACO1-(B106,B107,B108,B109,B110,B111)-0.5'

Lab Sample ID: 440-199094-31

Date Collected: 12/21/17 11:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
4,4'-DDE	6.0		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
4,4'-DDT	2.5	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:16	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		35 - 115	12/28/17 17:19	12/29/17 17:16	1
DCB Decachlorobiphenyl (Surr)	76		45 - 120	12/28/17 17:19	12/29/17 17:16	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: AOC1-(B112,B113,B114,B115)-0.5'

Lab Sample ID: 440-199094-36

Date Collected: 12/21/17 12:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
4,4'-DDE	2.8	J	4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
4,4'-DDT	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Aldrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
alpha-BHC	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
beta-BHC	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Chlordane (technical)	ND		49	9.9	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
delta-BHC	ND		9.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Dieldrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Endosulfan I	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Endosulfan II	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Endrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Endrin aldehyde	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Endrin ketone	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
gamma-BHC (Lindane)	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Heptachlor	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Heptachlor epoxide	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Methoxychlor	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 17:31	1
Toxaphene	ND		200	49	ug/Kg		12/28/17 17:19	12/29/17 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		35 - 115	12/28/17 17:19	12/29/17 17:31	1
DCB Decachlorobiphenyl (Surr)	71		45 - 120	12/28/17 17:19	12/29/17 17:31	1

Client Sample ID: AOC1-(B112,B113,B114,B115)-DUP-0.5'

Lab Sample ID: 440-199094-41

Date Collected: 12/21/17 12:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
4,4'-DDE	3.5	J	5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Chlordane (technical)	ND		50	9.9	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
delta-BHC	ND		9.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:01	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: AOC1-(B112,B113,B114,B115)-DUP-0.5'

Lab Sample ID: 440-199094-41

Date Collected: 12/21/17 12:20

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		35 - 115				12/28/17 17:19	12/29/17 18:01	1
DCB Decachlorobiphenyl (Surr)	60		45 - 120				12/28/17 17:19	12/29/17 18:01	1

Client Sample ID: AOC1-(B86,B87,B88,B89)-0.5'

Lab Sample ID: 440-199094-46

Date Collected: 12/19/17 11:45

Matrix: Solid

Date Received: 12/21/17 19:12

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
4,4'-DDE	4.6	J	4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
4,4'-DDT	2.0	J	4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Aldrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
alpha-BHC	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
beta-BHC	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Chlordane (technical)	ND		49	9.9	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
delta-BHC	ND		9.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Dieldrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Endosulfan I	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Endosulfan II	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Endosulfan sulfate	ND		9.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Endrin	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Endrin aldehyde	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Endrin ketone	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
gamma-BHC (Lindane)	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Heptachlor	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Heptachlor epoxide	ND		4.9	2.0	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Methoxychlor	ND		4.9	1.5	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Toxaphene	ND		200	49	ug/Kg		12/28/17 17:19	12/29/17 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		35 - 115				12/28/17 17:19	12/29/17 18:15	1
DCB Decachlorobiphenyl (Surr)	94		45 - 120				12/28/17 17:19	12/29/17 18:15	1

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (35-115)	DCB2 (45-120)
440-199094-7	AOC1-(B90,B91,B92,B93,B94,B	58	45
440-199094-7 MS	AOC1-(B90,B91,B92,B93,B94,B95) -0.5'	75	59
440-199094-7 MSD	AOC1-(B90,B91,B92,B93,B94,B95) -0.5'	76	57
440-199094-14	AOC1-(B96,B97,B98,B99,B100,B101) -0.5'	87	72
440-199094-19	ACO1-(B102,B103,B104,B105) -0.5'	76	52
440-199094-24	ACO1-(B102,B103,B104,B105) -DUP-0.5'	90	70
440-199094-31	ACO1-(B106,B107,B108,B109,B110,B 111)-0.5'	81	76
440-199094-36	AOC1-(B112,B113,B114,B115) -0.5'	87	71
440-199094-41	AOC1-(B112,B113,B114,B115) -DUP-0.5'	78	60
440-199094-46	AOC1-(B86,B87,B88,B89)-0.5'	90	94
LCS 440-449141/2-A	Lab Control Sample	109	90
MB 440-449141/1-A	Method Blank	113	89

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: AOC1-(B90,B91,B92,B93,B94,B95)-0.5'

Date Collected: 12/21/17 07:50

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199094-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.08 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 15:03	D1D	TAL IRV

Client Sample ID: AOC1-(B96,B97,B98,B99,B100,B101)-0.5'

Date Collected: 12/21/17 08:50

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199094-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.01 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 16:32	D1D	TAL IRV

Client Sample ID: ACO1-(B102,B103,B104,B105)-0.5'

Date Collected: 12/21/17 09:50

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199094-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.34 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 16:47	D1D	TAL IRV

Client Sample ID: ACO1-(B102,B103,B104,B105)-DUP-0.5'

Date Collected: 12/21/17 09:50

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199094-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.10 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 17:01	D1D	TAL IRV

Client Sample ID: ACO1-(B106,B107,B108,B109,B110,B111)-0.5'

Date Collected: 12/21/17 11:20

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199094-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.03 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 17:16	D1D	TAL IRV

Client Sample ID: AOC1-(B112,B113,B114,B115)-0.5'

Date Collected: 12/21/17 12:20

Date Received: 12/21/17 19:12

Lab Sample ID: 440-199094-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.16 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Client Sample ID: AOC1-(B112,B113,B114,B115)-0.5'

Lab Sample ID: 440-199094-36

Date Collected: 12/21/17 12:20

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8081A		1			449294	12/29/17 17:31	D1D	TAL IRV

Client Sample ID: AOC1-(B112,B113,B114,B115)-DUP-0.5'

Lab Sample ID: 440-199094-41

Date Collected: 12/21/17 12:20

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.08 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 18:01	D1D	TAL IRV

Client Sample ID: AOC1-(B86,B87,B88,B89)-0.5'

Lab Sample ID: 440-199094-46

Date Collected: 12/19/17 11:45

Matrix: Solid

Date Received: 12/21/17 19:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.22 g	2 mL	449141	12/28/17 17:19	VA	TAL IRV
Total/NA	Analysis	8081A		1			449294	12/29/17 18:15	D1D	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-449141/1-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449141

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
4,4'-DDE	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 17:19	12/29/17 14:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	113		35 - 115				12/28/17 17:19	12/29/17 14:03	1
DCB Decachlorobiphenyl (Surr)	89		45 - 120				12/28/17 17:19	12/29/17 14:03	1

Lab Sample ID: LCS 440-449141/2-A

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	13.3	12.8		ug/Kg		96	59 - 118
4,4'-DDE	13.3	14.3		ug/Kg		107	55 - 115
4,4'-DDT	13.3	13.1		ug/Kg		98	51 - 131
Aldrin	13.3	14.0		ug/Kg		105	46 - 115
alpha-BHC	13.3	13.2		ug/Kg		99	38 - 115
beta-BHC	13.3	12.6		ug/Kg		94	46 - 115
delta-BHC	13.3	12.9		ug/Kg		97	52 - 115
Dieldrin	13.3	13.5		ug/Kg		101	57 - 115
Endosulfan I	13.3	13.1		ug/Kg		99	56 - 115
Endosulfan II	13.3	12.2		ug/Kg		92	49 - 117
Endosulfan sulfate	13.3	12.5		ug/Kg		94	54 - 115
Endrin	13.3	12.1		ug/Kg		90	56 - 120
Endrin aldehyde	13.3	11.5		ug/Kg		86	41 - 115
Endrin ketone	13.3	11.9		ug/Kg		89	54 - 119
gamma-BHC (Lindane)	13.3	12.7		ug/Kg		95	49 - 115
Heptachlor	13.3	10.6		ug/Kg		80	52 - 115
Heptachlor epoxide	13.3	12.1		ug/Kg		91	38 - 128
Methoxychlor	13.3	13.2		ug/Kg		99	46 - 146

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Surrogate	LCS %Recovery	LCS Qualifier	Limits
<i>Tetrachloro-m-xylene</i>	109		35 - 115
<i>DCB Decachlorobiphenyl (Surr)</i>	90		45 - 120

Lab Sample ID: 440-199094-7 MS

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: AOC1-(B90,B91,B92,B93,B94,B95)-0.5'

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		13.2	8.40		ug/Kg		64	40 - 130
4,4'-DDE	14		13.2	24.2		ug/Kg		74	35 - 130
4,4'-DDT	7.1		13.2	14.7		ug/Kg		58	35 - 130
Aldrin	ND		13.2	8.87		ug/Kg		67	40 - 115
alpha-BHC	ND		13.2	8.21		ug/Kg		62	40 - 115
beta-BHC	ND		13.2	7.52		ug/Kg		57	40 - 120
delta-BHC	ND		13.2	6.67	J	ug/Kg		51	45 - 120
Dieldrin	2.0	J	13.2	9.93		ug/Kg		61	40 - 125
Endosulfan I	ND		13.2	7.98		ug/Kg		61	40 - 120
Endosulfan II	ND		13.2	7.04		ug/Kg		53	40 - 125
Endosulfan sulfate	ND		13.2	7.50	J	ug/Kg		57	45 - 120
Endrin	ND		13.2	7.82		ug/Kg		59	45 - 125
Endrin aldehyde	ND		13.2	6.29		ug/Kg		48	30 - 120
Endrin ketone	ND		13.2	7.06		ug/Kg		54	40 - 120
gamma-BHC (Lindane)	ND		13.2	7.53		ug/Kg		57	40 - 120
Heptachlor	ND		13.2	8.01		ug/Kg		61	40 - 115
Heptachlor epoxide	ND		13.2	7.67		ug/Kg		58	45 - 115
Methoxychlor	ND		13.2	7.22		ug/Kg		55	40 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
<i>Tetrachloro-m-xylene</i>	75		35 - 115
<i>DCB Decachlorobiphenyl (Surr)</i>	59		45 - 120

Lab Sample ID: 440-199094-7 MSD

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: AOC1-(B90,B91,B92,B93,B94,B95)-0.5'

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
4,4'-DDD	ND		13.2	9.00		ug/Kg		68	40 - 130	7	30
4,4'-DDE	14		13.2	26.2		ug/Kg		90	35 - 130	8	30
4,4'-DDT	7.1		13.2	14.7		ug/Kg		57	35 - 130	1	30
Aldrin	ND		13.2	9.21		ug/Kg		70	40 - 115	4	30
alpha-BHC	ND		13.2	8.41		ug/Kg		64	40 - 115	2	30
beta-BHC	ND		13.2	8.23		ug/Kg		62	40 - 120	9	30
delta-BHC	ND		13.2	6.70	J	ug/Kg		51	45 - 120	1	30
Dieldrin	2.0	J	13.2	10.7		ug/Kg		66	40 - 125	7	30
Endosulfan I	ND		13.2	8.29		ug/Kg		63	40 - 120	4	30
Endosulfan II	ND		13.2	7.07		ug/Kg		53	40 - 125	0	30
Endosulfan sulfate	ND		13.2	7.47	J	ug/Kg		57	45 - 120	0	30
Endrin	ND		13.2	8.22		ug/Kg		62	45 - 125	5	30
Endrin aldehyde	ND		13.2	6.30		ug/Kg		48	30 - 120	0	30
Endrin ketone	ND		13.2	7.20		ug/Kg		54	40 - 120	2	30
gamma-BHC (Lindane)	ND		13.2	7.94		ug/Kg		60	40 - 120	5	30
Heptachlor	ND		13.2	8.85		ug/Kg		67	40 - 115	10	30
Heptachlor epoxide	ND		13.2	8.33		ug/Kg		63	45 - 115	8	30

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-199094-7 MSD

Matrix: Solid

Analysis Batch: 449294

Client Sample ID: AOC1-(B90,B91,B92,B93,B94,B95)-0.5'

Prep Type: Total/NA

Prep Batch: 449141

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methoxychlor	ND		13.2	6.24		ug/Kg	—	47	40 - 135	15	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Tetrachloro-m-xylene	76		35 - 115								
DCB Decachlorobiphenyl (Surr)	57		45 - 120								

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

GC Semi VOA

Prep Batch: 449141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199094-7	AOC1-(B90,B91,B92,B93,B94,B95)-0.5'	Total/NA	Solid	3546	
440-199094-14	AOC1-(B96,B97,B98,B99,B100,B101)-0.5'	Total/NA	Solid	3546	
440-199094-19	ACO1-(B102,B103,B104,B105)-0.5'	Total/NA	Solid	3546	
440-199094-24	ACO1-(B102,B103,B104,B105)-DUP-0.5'	Total/NA	Solid	3546	
440-199094-31	ACO1-(B106,B107,B108,B109,B110,B111)-0.5'	Total/NA	Solid	3546	
440-199094-36	AOC1-(B112,B113,B114,B115)-0.5'	Total/NA	Solid	3546	
440-199094-41	AOC1-(B112,B113,B114,B115)-DUP-0.5'	Total/NA	Solid	3546	
440-199094-46	AOC1-(B86,B87,B88,B89)-0.5'	Total/NA	Solid	3546	
MB 440-449141/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-449141/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199094-7 MS	AOC1-(B90,B91,B92,B93,B94,B95)-0.5'	Total/NA	Solid	3546	
440-199094-7 MSD	AOC1-(B90,B91,B92,B93,B94,B95)-0.5'	Total/NA	Solid	3546	

Analysis Batch: 449294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199094-7	AOC1-(B90,B91,B92,B93,B94,B95)-0.5'	Total/NA	Solid	8081A	449141
440-199094-14	AOC1-(B96,B97,B98,B99,B100,B101)-0.5'	Total/NA	Solid	8081A	449141
440-199094-19	ACO1-(B102,B103,B104,B105)-0.5'	Total/NA	Solid	8081A	449141
440-199094-24	ACO1-(B102,B103,B104,B105)-DUP-0.5'	Total/NA	Solid	8081A	449141
440-199094-31	ACO1-(B106,B107,B108,B109,B110,B111)-0.5'	Total/NA	Solid	8081A	449141
440-199094-36	AOC1-(B112,B113,B114,B115)-0.5'	Total/NA	Solid	8081A	449141
440-199094-41	AOC1-(B112,B113,B114,B115)-DUP-0.5'	Total/NA	Solid	8081A	449141
440-199094-46	AOC1-(B86,B87,B88,B89)-0.5'	Total/NA	Solid	8081A	449141
MB 440-449141/1-A	Method Blank	Total/NA	Solid	8081A	449141
LCS 440-449141/2-A	Lab Control Sample	Total/NA	Solid	8081A	449141
440-199094-7 MS	AOC1-(B90,B91,B92,B93,B94,B95)-0.5'	Total/NA	Solid	8081A	449141
440-199094-7 MSD	AOC1-(B90,B91,B92,B93,B94,B95)-0.5'	Total/NA	Solid	8081A	449141

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Qualifiers

GC Semi 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.

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199094-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-199094-1

Login Number: 199094

List Source: TestAmerica Irvine

List Number: 1

Creator: Garcia, Veronica G

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-199046-1

Client Project/Site: LAUSD Reseda H.S., CA

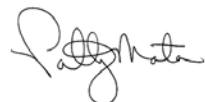
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/30/2017 2:20:57 PM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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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.

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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-199046-1	AOC4-B2-5.0	Solid	12/22/17 07:20	12/22/17 18:00
440-199046-4	AOC4-B1-5.0	Solid	12/22/17 08:35	12/22/17 18:00
440-199046-5	AOC4-B1-5.0 DUP	Solid	12/22/17 08:35	12/22/17 18:00
440-199046-8	EB-2017-12-22	Water	12/22/17 10:30	12/22/17 18:00
440-199046-9	TB	Water	12/22/17 00:01	12/22/17 18:00

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Job ID: 440-199046-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-199046-1

Comments

No additional comments.

Receipt

The samples were received on 12/22/2017 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.4° C and 4.3° C.

Receipt Exceptions

The number of containers for the following sample did not match the information listed on the Chain-of-Custody (COC): EB-2017-12-22 (440-199046-8).

GC/MS VOA

Method(s) 8260B: The laboratory control sample (LCS) for analytical batch 440-448948 recovered outside control limits for the following analytes: Bromoform and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for analytical batch 440-448948 recovered outside control limits for the following analytes: n-Butylbenzene, 1,3,5-Trimethylbenzene and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Internal standard (ISTD) 1,4-Dichlorobenzene-d4 responses for the following samples were below the lower control limit: AOC4-B1-5.0 (440-199046-4) and AOC4-B1-5.0 DUP (440-199046-5). The samples were re-extracted and/or re-analyzed with concurring results, and the original set of data has been reported. The affected analytes were flagged with asterisks.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8015B: The 8015-DRO matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 440-448460 and analytical batch 440-448504 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) was within acceptance limits.

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-448690. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method(s) 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-448689. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C/8082: Slightly elevated reporting limits are provided for the following sample due to insufficient sample volume (less than 250ml) provided for preparation: EB-2017-12-22 (440-199046-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Job ID: 440-199046-1 (Continued)

Laboratory: TestAmerica Irvine (Continued)

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B2-5.0

Lab Sample ID: 440-199046-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	2.5		2.2	1.1	ug/Kg	1			8260B	Total/NA
Toluene	2.0	J	2.2	1.1	ug/Kg	1			8260B	Total/NA
ORO (C23-C40)	4.6	J	5.0	2.5	mg/Kg	1			8015B	Total/NA
Arsenic	9.4		3.0	1.5	mg/Kg	5			6010B	Total/NA
Barium	200		1.5	0.74	mg/Kg	5			6010B	Total/NA
Beryllium	1.2		0.50	0.25	mg/Kg	5			6010B	Total/NA
Cadmium	3.0		0.50	0.25	mg/Kg	5			6010B	Total/NA
Chromium	43		0.99	0.50	mg/Kg	5			6010B	Total/NA
Cobalt	9.9		0.99	0.50	mg/Kg	5			6010B	Total/NA
Copper	37		2.0	1.1	mg/Kg	5			6010B	Total/NA
Lead	7.1		2.0	0.99	mg/Kg	5			6010B	Total/NA
Molybdenum	7.7		2.0	0.99	mg/Kg	5			6010B	Total/NA
Nickel	45		2.0	0.99	mg/Kg	5			6010B	Total/NA
Vanadium	88		0.99	0.50	mg/Kg	5			6010B	Total/NA
Zinc	94		5.0	2.5	mg/Kg	5			6010B	Total/NA
Mercury	0.025		0.020	0.012	mg/Kg	1			7471A	Total/NA

Client Sample ID: AOC4-B1-5.0

Lab Sample ID: 440-199046-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	1.8		1.8	0.92	ug/Kg	1			8260B	Total/NA
Toluene	2.0		1.8	0.92	ug/Kg	1			8260B	Total/NA
ORO (C23-C40)	5.1		5.0	2.5	mg/Kg	1			8015B	Total/NA
Arsenic	7.5		3.0	1.5	mg/Kg	5			6010B	Total/NA
Barium	160		1.5	0.75	mg/Kg	5			6010B	Total/NA
Beryllium	0.92		0.50	0.25	mg/Kg	5			6010B	Total/NA
Cadmium	2.4		0.50	0.25	mg/Kg	5			6010B	Total/NA
Chromium	32		1.0	0.50	mg/Kg	5			6010B	Total/NA
Cobalt	7.6		1.0	0.50	mg/Kg	5			6010B	Total/NA
Copper	27		2.0	1.1	mg/Kg	5			6010B	Total/NA
Lead	5.2		2.0	1.0	mg/Kg	5			6010B	Total/NA
Molybdenum	6.5		2.0	1.0	mg/Kg	5			6010B	Total/NA
Nickel	35		2.0	1.0	mg/Kg	5			6010B	Total/NA
Vanadium	69		1.0	0.50	mg/Kg	5			6010B	Total/NA
Zinc	72		5.0	2.5	mg/Kg	5			6010B	Total/NA
Mercury	0.021		0.020	0.012	mg/Kg	1			7471A	Total/NA

Client Sample ID: AOC4-B1-5.0 DUP

Lab Sample ID: 440-199046-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	2.2		1.8	0.89	ug/Kg	1			8260B	Total/NA
Ethylbenzene	0.94	J	1.8	0.89	ug/Kg	1			8260B	Total/NA
Toluene	2.7		1.8	0.89	ug/Kg	1			8260B	Total/NA
ORO (C23-C40)	5.3		5.0	2.5	mg/Kg	1			8015B	Total/NA
Arsenic	5.9		3.0	1.5	mg/Kg	5			6010B	Total/NA
Barium	140		1.5	0.74	mg/Kg	5			6010B	Total/NA
Beryllium	0.76		0.49	0.25	mg/Kg	5			6010B	Total/NA
Cadmium	2.1		0.49	0.25	mg/Kg	5			6010B	Total/NA
Chromium	29		0.99	0.49	mg/Kg	5			6010B	Total/NA
Cobalt	6.8		0.99	0.49	mg/Kg	5			6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B1-5.0 DUP (Continued)

Lab Sample ID: 440-199046-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	24		2.0	1.1	mg/Kg	5		6010B	Total/NA
Lead	4.5		2.0	0.99	mg/Kg	5		6010B	Total/NA
Molybdenum	5.8		2.0	0.99	mg/Kg	5		6010B	Total/NA
Nickel	31		2.0	0.99	mg/Kg	5		6010B	Total/NA
Vanadium	61		0.99	0.49	mg/Kg	5		6010B	Total/NA
Zinc	65		4.9	2.5	mg/Kg	5		6010B	Total/NA
Mercury	0.028		0.020	0.012	mg/Kg	1		7471A	Total/NA

Client Sample ID: EB-2017-12-22

Lab Sample ID: 440-199046-8

No Detections.

Client Sample ID: TB

Lab Sample ID: 440-199046-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B2-5.0

Lab Sample ID: 440-199046-1

Date Collected: 12/22/17 07:20

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.5		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Bromobenzene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Bromochloromethane	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Bromodichloromethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Bromoform	ND *		5.5	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
2-Butanone (MEK)	ND		11	5.5	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Carbon tetrachloride	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Chlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Chloroethane	ND		5.5	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Chloroform	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Chloromethane	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
2-Chlorotoluene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
4-Chlorotoluene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
cis-1,2-Dichloroethene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
cis-1,3-Dichloropropene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Dibromochloromethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2-Dibromo-3-Chloropropane	ND *		5.5	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2-Dibromoethane (EDB)	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Dibromomethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2-Dichlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,3-Dichlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,4-Dichlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Dichlorodifluoromethane	ND		5.5	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,1-Dichloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2-Dichloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,1-Dichloroethene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2-Dichloropropane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,3-Dichloropropane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
2,2-Dichloropropane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,1-Dichloropropene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Ethylbenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Hexachlorobutadiene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Isopropylbenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Methylene Chloride	ND		22	5.5	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Methyl-t-Butyl Ether (MTBE)	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
m,p-Xylene	ND		4.4	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Naphthalene	ND		5.5	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
n-Butylbenzene	ND *		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
N-Propylbenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
o-Xylene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
p-Isopropyltoluene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
sec-Butylbenzene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Styrene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
tert-Butylbenzene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,1,1,2-Tetrachloroethane	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,1,2,2-Tetrachloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Tetrachloroethene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Toluene	2.0 J		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
trans-1,2-Dichloroethene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B2-5.0

Lab Sample ID: 440-199046-1

Date Collected: 12/22/17 07:20

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2,3-Trichlorobenzene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2,4-Trichlorobenzene	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,1,1-Trichloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,1,2-Trichloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Trichloroethene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Trichlorofluoromethane	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2,3-Trichloropropane	ND		11	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,2,4-Trimethylbenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
1,3,5-Trimethylbenzene	ND	*	2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1
Vinyl chloride	ND		5.5	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		74 - 124	12/28/17 10:43	12/28/17 11:33	1
Dibromofluoromethane (Surr)	110		80 - 135	12/28/17 10:43	12/28/17 11:33	1
Toluene-d8 (Surr)	104		80 - 122	12/28/17 10:43	12/28/17 11:33	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg	-		12/28/17 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		65 - 140					12/28/17 20:14	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		12/23/17 07:09	12/24/17 02:43	1
ORO (C23-C40)	4.6	J	5.0	2.5	mg/Kg		12/23/17 07:09	12/24/17 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	50		40 - 140				12/23/17 07:09	12/24/17 02:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 12:47	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 12:47	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 12:47	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 12:47	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 12:47	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 12:47	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	46		45 - 120				12/28/17 06:47	12/29/17 12:47	

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	5.0	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Arsenic	9.4		3.0	1.5	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Barium	200		1.5	0.74	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Beryllium	1.2		0.50	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:16	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B2-5.0

Lab Sample ID: 440-199046-1

Date Collected: 12/22/17 07:20

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	3.0		0.50	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Chromium	43		0.99	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Cobalt	9.9		0.99	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Copper	37		2.0	1.1	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Lead	7.1		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Molybdenum	7.7		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Nickel	45		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Selenium	ND		3.0	1.7	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Silver	ND		1.5	0.88	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Thallium	ND		9.9	5.0	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Vanadium	88		0.99	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:16	5
Zinc	94		5.0	2.5	mg/Kg		12/27/17 08:47	12/27/17 18:16	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.020	0.012	mg/Kg		12/26/17 11:57	12/27/17 21:46	1

Client Sample ID: AOC4-B1-5.0

Lab Sample ID: 440-199046-4

Date Collected: 12/22/17 08:35

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.8		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Bromobenzene	ND	*	4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Bromochloromethane	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Bromodichloromethane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Bromoform	ND	*	4.6	1.8	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
2-Butanone (MEK)	ND		9.2	4.6	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Carbon tetrachloride	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Chlorobenzene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Chloroethane	ND		4.6	1.8	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Chloroform	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Chloromethane	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
2-Chlorotoluene	ND	*	4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
4-Chlorotoluene	ND	*	4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
cis-1,2-Dichloroethene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
cis-1,3-Dichloropropene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Dibromochloromethane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2-Dibromo-3-Chloropropane	ND	*	4.6	1.8	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2-Dibromoethane (EDB)	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Dibromomethane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2-Dichlorobenzene	ND	*	1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,3-Dichlorobenzene	ND	*	1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,4-Dichlorobenzene	ND	*	1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Dichlorodifluoromethane	ND		4.6	1.8	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,1-Dichloroethane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2-Dichloroethane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,1,1-Dichloroethene	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2-Dichloropropane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B1-5.0

Lab Sample ID: 440-199046-4

Date Collected: 12/22/17 08:35

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
2,2-Dichloropropane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,1-Dichloropropene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Ethylbenzene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Hexachlorobutadiene	ND *		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Isopropylbenzene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Methylene Chloride	ND		18	4.6	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Methyl-t-Butyl Ether (MTBE)	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
m,p-Xylene	ND		3.7	1.8	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Naphthalene	ND *		4.6	1.8	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
n-Butylbenzene	ND *		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
N-Propylbenzene	ND *		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
o-Xylene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
p-Isopropyltoluene	ND *		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
sec-Butylbenzene	ND *		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Styrene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
tert-Butylbenzene	ND *		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,1,1,2-Tetrachloroethane	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,1,2,2-Tetrachloroethane	ND *		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Tetrachloroethene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Toluene	2.0		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
trans-1,2-Dichloroethene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
trans-1,3-Dichloropropene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2,3-Trichlorobenzene	ND *		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2,4-Trichlorobenzene	ND *		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,1,1-Trichloroethane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,1,2-Trichloroethane	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Trichloroethene	ND		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Trichlorofluoromethane	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2,3-Trichloropropane	ND *		9.2	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,2,4-Trimethylbenzene	ND *		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
1,3,5-Trimethylbenzene	ND *		1.8	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1
Vinyl chloride	ND		4.6	0.92	ug/Kg		12/28/17 10:43	12/28/17 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118	*	74 - 124	12/28/17 10:43	12/28/17 12:03	1
Dibromofluoromethane (Surr)	111		80 - 135	12/28/17 10:43	12/28/17 12:03	1
Toluene-d8 (Surr)	108		80 - 122	12/28/17 10:43	12/28/17 12:03	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			12/29/17 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		65 - 140		12/29/17 14:27	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		12/23/17 07:09	12/24/17 03:03	1
ORO (C23-C40)	5.1		5.0	2.5	mg/Kg		12/23/17 07:09	12/24/17 03:03	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B1-5.0

Lab Sample ID: 440-199046-4

Date Collected: 12/22/17 08:35

Matrix: Solid

Date Received: 12/22/17 18:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	54		40 - 140	12/23/17 07:09	12/24/17 03:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:00	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:00	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:00	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:00	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:00	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:00	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	70		45 - 120	12/28/17 06:47	12/29/17 13:00	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	5.0	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Arsenic	7.5		3.0	1.5	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Barium	160		1.5	0.75	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Beryllium	0.92		0.50	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Cadmium	2.4		0.50	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Chromium	32		1.0	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Cobalt	7.6		1.0	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Copper	27		2.0	1.1	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Lead	5.2		2.0	1.0	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Molybdenum	6.5		2.0	1.0	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Nickel	35		2.0	1.0	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Selenium	ND		3.0	1.7	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Silver	ND		1.5	0.89	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Thallium	ND		10	5.0	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Vanadium	69		1.0	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:18	5
Zinc	72		5.0	2.5	mg/Kg		12/27/17 08:47	12/27/17 18:18	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.020	0.012	mg/Kg		12/26/17 11:57	12/27/17 21:49	1

Client Sample ID: AOC4-B1-5.0 DUP

Lab Sample ID: 440-199046-5

Date Collected: 12/22/17 08:35

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.2		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Bromobenzene	ND	*	4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Bromochloromethane	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Bromodichloromethane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Bromoform	ND	*	4.4	1.8	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
2-Butanone (MEK)	ND		8.9	4.4	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Carbon tetrachloride	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B1-5.0 DUP

Lab Sample ID: 440-199046-5

Date Collected: 12/22/17 08:35

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Chloroethane	ND		4.4	1.8	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Chloroform	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Chloromethane	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
2-Chlorotoluene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
4-Chlorotoluene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
cis-1,2-Dichloroethene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
cis-1,3-Dichloropropene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Dibromochloromethane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2-Dibromo-3-Chloropropane	ND *		4.4	1.8	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2-Dibromoethane (EDB)	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Dibromomethane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2-Dichlorobenzene	ND *		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,3-Dichlorobenzene	ND *		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,4-Dichlorobenzene	ND *		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Dichlorodifluoromethane	ND		4.4	1.8	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,1-Dichloroethane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2-Dichloroethane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,1-Dichloroethene	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2-Dichloropropane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,3-Dichloropropane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
2,2-Dichloropropane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,1-Dichloropropene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Ethylbenzene	0.94 J		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Hexachlorobutadiene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Isopropylbenzene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Methylene Chloride	ND		18	4.4	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Methyl-t-Butyl Ether (MTBE)	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
m,p-Xylene	ND		3.6	1.8	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Naphthalene	ND *		4.4	1.8	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
n-Butylbenzene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
N-Propylbenzene	ND *		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
o-Xylene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
p-Isopropyltoluene	ND *		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
sec-Butylbenzene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Styrene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
tert-Butylbenzene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,1,1,2-Tetrachloroethane	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,1,2,2-Tetrachloroethane	ND *		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Tetrachloroethene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Toluene	2.7		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
trans-1,2-Dichloroethene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
trans-1,3-Dichloropropene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2,3-Trichlorobenzene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2,4-Trichlorobenzene	ND *		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,1,1-Trichloroethane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,1,2-Trichloroethane	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Trichloroethene	ND		1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Trichlorofluoromethane	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B1-5.0 DUP

Lab Sample ID: 440-199046-5

Date Collected: 12/22/17 08:35

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND	*	8.9	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,2,4-Trimethylbenzene	ND	*	1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
1,3,5-Trimethylbenzene	ND	*	1.8	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Vinyl chloride	ND		4.4	0.89	ug/Kg		12/28/17 12:15	12/28/17 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114	*	74 - 124				12/28/17 12:15	12/28/17 14:01	1
Dibromofluoromethane (Surr)	115		80 - 135				12/28/17 12:15	12/28/17 14:01	1
Toluene-d8 (Surr)	109		80 - 122				12/28/17 12:15	12/28/17 14:01	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390	150	ug/Kg			12/28/17 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68		65 - 140					12/28/17 21:12	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		12/23/17 07:09	12/24/17 03:23	1
ORO (C23-C40)	5.3		5.0	2.5	mg/Kg		12/23/17 07:09	12/24/17 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	53		40 - 140				12/23/17 07:09	12/24/17 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:14	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:14	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:14	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:14	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:14	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:14	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	52		45 - 120				12/28/17 06:47	12/29/17 13:14	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.9	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Arsenic	5.9		3.0	1.5	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Barium	140		1.5	0.74	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Beryllium	0.76		0.49	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Cadmium	2.1		0.49	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Chromium	29		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Cobalt	6.8		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Copper	24		2.0	1.1	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Lead	4.5		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Molybdenum	5.8		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Nickel	31		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 18:20	5

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B1-5.0 DUP

Lab Sample ID: 440-199046-5

Date Collected: 12/22/17 08:35

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		3.0	1.7	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Silver	ND		1.5	0.88	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Thallium	ND		9.9	4.9	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Vanadium	61		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 18:20	5
Zinc	65		4.9	2.5	mg/Kg		12/27/17 08:47	12/27/17 18:20	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.020	0.012	mg/Kg		12/26/17 11:57	12/27/17 21:51	1

Client Sample ID: EB-2017-12-22

Lab Sample ID: 440-199046-8

Date Collected: 12/22/17 10:30

Matrix: Water

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Bromobenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Bromochloromethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Bromodichloromethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Bromoform	ND		1.0	0.40	ug/L			12/29/17 06:35	1
Bromomethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			12/29/17 06:35	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Chlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Chloroethane	ND		1.0	0.40	ug/L			12/29/17 06:35	1
Chloroform	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Chloromethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Dibromochloromethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			12/29/17 06:35	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Dibromomethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			12/29/17 06:35	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			12/29/17 06:35	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Ethylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Isopropylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: EB-2017-12-22

Lab Sample ID: 440-199046-8

Date Collected: 12/22/17 10:30

Matrix: Water

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		2.0	0.88	ug/L			12/29/17 06:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			12/29/17 06:35	1
m,p-Xylene	ND		1.0	0.50	ug/L			12/29/17 06:35	1
Naphthalene	ND		1.0	0.40	ug/L			12/29/17 06:35	1
n-Butylbenzene	ND		1.0	0.40	ug/L			12/29/17 06:35	1
N-Propylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
o-Xylene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Styrene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Tetrachloroethene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Toluene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			12/29/17 06:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			12/29/17 06:35	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Trichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			12/29/17 06:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:35	1
Vinyl chloride	ND		0.50	0.25	ug/L			12/29/17 06:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		12/29/17 06:35	1
Dibromofluoromethane (Surr)	100		76 - 132		12/29/17 06:35	1
Toluene-d8 (Surr)	105		80 - 128		12/29/17 06:35	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50	25	ug/L			12/27/17 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		65 - 140		12/27/17 20:02	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		0.51	0.26	mg/L		12/27/17 06:24	12/27/17 23:20	1
ORO (C23-C40)	ND		0.51	0.26	mg/L		12/27/17 06:24	12/27/17 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	74		45 - 120	12/27/17 06:24	12/27/17 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.51	ug/L		12/27/17 06:21	12/27/17 15:01	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: EB-2017-12-22

Lab Sample ID: 440-199046-8

Date Collected: 12/22/17 10:30

Matrix: Water

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	ND		1.0	0.51	ug/L		12/27/17 06:21	12/27/17 15:01	1
Aroclor 1232	ND		1.0	0.51	ug/L		12/27/17 06:21	12/27/17 15:01	1
Aroclor 1242	ND		1.0	0.51	ug/L		12/27/17 06:21	12/27/17 15:01	1
Aroclor 1248	ND		1.0	0.51	ug/L		12/27/17 06:21	12/27/17 15:01	1
Aroclor 1254	ND		1.0	0.51	ug/L		12/27/17 06:21	12/27/17 15:01	1
Aroclor 1260	ND		1.0	0.51	ug/L		12/27/17 06:21	12/27/17 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	77		26 - 115	12/27/17 06:21	12/27/17 15:01	1

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010	0.0060	mg/L		12/28/17 08:17	12/28/17 17:49	1
Arsenic	ND		0.010	0.0089	mg/L		12/28/17 08:17	12/28/17 17:49	1
Barium	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:49	1
Beryllium	ND		0.0020	0.0010	mg/L		12/28/17 08:17	12/28/17 17:49	1
Cadmium	ND		0.0050	0.0025	mg/L		12/28/17 08:17	12/28/17 17:49	1
Chromium	ND		0.0050	0.0025	mg/L		12/28/17 08:17	12/28/17 17:49	1
Cobalt	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:49	1
Copper	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:49	1
Lead	ND		0.0050	0.0038	mg/L		12/28/17 08:17	12/28/17 17:49	1
Molybdenum	ND		0.020	0.010	mg/L		12/28/17 08:17	12/28/17 17:49	1
Nickel	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:49	1
Selenium	ND		0.010	0.0087	mg/L		12/28/17 08:17	12/28/17 17:49	1
Silver	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:49	1
Thallium	ND		0.010	0.0080	mg/L		12/28/17 08:17	12/28/17 17:49	1
Vanadium	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:49	1
Zinc	ND		0.020	0.012	mg/L		12/28/17 08:17	12/28/17 17:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/L		12/28/17 09:02	12/28/17 15:30	1

Client Sample ID: TB

Lab Sample ID: 440-199046-9

Date Collected: 12/22/17 00:01

Matrix: Water

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Bromobenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Bromochloromethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Bromodichloromethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Bromoform	ND		1.0	0.40	ug/L			12/29/17 06:08	1
Bromomethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			12/29/17 06:08	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Chlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Chloroethane	ND		1.0	0.40	ug/L			12/29/17 06:08	1
Chloroform	ND		0.50	0.25	ug/L			12/29/17 06:08	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: TB

Lab Sample ID: 440-199046-9

Date Collected: 12/22/17 00:01

Matrix: Water

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Dibromochloromethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			12/29/17 06:08	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Dibromomethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			12/29/17 06:08	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			12/29/17 06:08	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Ethylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Isopropylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Methylene Chloride	ND		2.0	0.88	ug/L			12/29/17 06:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			12/29/17 06:08	1
m,p-Xylene	ND		1.0	0.50	ug/L			12/29/17 06:08	1
Naphthalene	ND		1.0	0.40	ug/L			12/29/17 06:08	1
n-Butylbenzene	ND		1.0	0.40	ug/L			12/29/17 06:08	1
N-Propylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
o-Xylene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Styrene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Tetrachloroethene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Toluene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			12/29/17 06:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			12/29/17 06:08	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Trichloroethene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			12/29/17 06:08	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			12/29/17 06:08	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: TB

Lab Sample ID: 440-199046-9

Date Collected: 12/22/17 00:01

Matrix: Water

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.25	ug/L			12/29/17 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		12/29/17 06:08	1
Dibromofluoromethane (Surr)	99		76 - 132		12/29/17 06:08	1
Toluene-d8 (Surr)	104		80 - 128		12/29/17 06:08	1

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (74-124)	DBFM (80-135)	TOL (80-122)
440-199046-1	AOC4-B2-5.0	109	110	104
440-199046-4	AOC4-B1-5.0	118 *	111	108
440-199046-5	AOC4-B1-5.0 DUP	114 *	115	109
LCS 440-448948/5	Lab Control Sample	97	105	100
LCSD 440-448948/6	Lab Control Sample Dup	100	105	99
MB 440-448948/3	Method Blank	95	111	100
Surrogate Legend				
BFB = 4-Bromofluorobenzene (Surr)				
DBFM = Dibromofluoromethane (Surr)				
TOL = Toluene-d8 (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)		
		BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-198996-A-1 MS	Matrix Spike	98	98	100
440-198996-A-1 MSD	Matrix Spike Duplicate	98	97	100
440-199046-8	EB-2017-12-22	105	100	105
440-199046-9	TB	101	99	104
LCS 440-449182/5	Lab Control Sample	99	98	97
MB 440-449182/4	Method Blank	104	98	102
Surrogate Legend				
BFB = 4-Bromofluorobenzene (Surr)				
DBFM = Dibromofluoromethane (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB1 (65-140)		
440-199046-1	AOC4-B2-5.0	82		
440-199046-4	AOC4-B1-5.0	82		
440-199046-5	AOC4-B1-5.0 DUP	68		
440-199084-A-1 MS	Matrix Spike	90		
440-199084-A-1 MSD	Matrix Spike Duplicate	81		
440-199111-E-7 MS	Matrix Spike	98		
440-199111-E-7 MSD	Matrix Spike Duplicate	95		
LCS 440-448956/3	Lab Control Sample	124		
LCS 440-449230/3	Lab Control Sample	111		
LCSD 440-448956/4	Lab Control Sample Dup	123		
LCSD 440-449230/4	Lab Control Sample Dup	98		
MB 440-448956/5	Method Blank	85		
MB 440-449230/5	Method Blank	126		

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-198645-A-37 MS	Matrix Spike	109
440-198645-A-37 MSD	Matrix Spike Duplicate	108
440-199046-8	EB-2017-12-22	96
LCS 440-448741/4	Lab Control Sample	112
MB 440-448741/5	Method Blank	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCN1 (40-140)
440-199041-E-1-A MS	Matrix Spike	75
440-199041-E-1-B MSD	Matrix Spike Duplicate	82
440-199046-1	AOC4-B2-5.0	50
440-199046-4	AOC4-B1-5.0	54
440-199046-5	AOC4-B1-5.0 DUP	53
LCS 440-448460/2-A	Lab Control Sample	89
MB 440-448460/1-A	Method Blank	90

Surrogate Legend

OTCN = n-Octacosane

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-199046-8	EB-2017-12-22	74
LCS 440-448690/2-A	Lab Control Sample	72
LCSD 440-448690/3-A	Lab Control Sample Dup	58
MB 440-448690/1-A	Method Blank	76

Surrogate Legend

OTCN = n-Octacosane

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	DCB2 (45-120)
440-199024-G-1-F MS	Matrix Spike	85

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (45-120)
440-199024-G-1-G MSD	Matrix Spike Duplicate	83
440-199046-1	AOC4-B2-5.0	46
440-199046-4	AOC4-B1-5.0	70
440-199046-5	AOC4-B1-5.0 DUP	52
LCS 440-448949/2-A	Lab Control Sample	81
MB 440-448949/1-A	Method Blank	88

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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	DCB2 (26-115)
440-199046-8	EB-2017-12-22	77
LCS 440-448689/4-A	Lab Control Sample	73
LCSD 440-448689/5-A	Lab Control Sample Dup	81
MB 440-448689/1-A	Method Blank	73

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV
7470A	Mercury (CVAA)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B2-5.0

Date Collected: 12/22/17 07:20

Date Received: 12/22/17 18:00

Lab Sample ID: 440-199046-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.582 g	10 mL	449019	12/28/17 10:43	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	448948	12/28/17 11:33	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.06 g	10 mL	448956	12/28/17 20:14	KGL	TAL IRV
Total/NA	Prep	3546			15.02 g	1 mL	448460	12/23/17 07:09	L1A	TAL IRV
Total/NA	Analysis	8015B		1			448503	12/24/17 02:43	LMB	TAL IRV
Total/NA	Prep	3546			15.02 g	2 mL	448949	12/28/17 06:47	L1A	TAL IRV
Total/NA	Analysis	8082		1			449223	12/29/17 12:47	JM	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	448722	12/27/17 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448893	12/27/17 18:16	K1E	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	448579	12/26/17 11:57	Q1N	TAL IRV
Total/NA	Analysis	7471A		1			449054	12/27/17 21:46	DB	TAL IRV

Client Sample ID: AOC4-B1-5.0

Date Collected: 12/22/17 08:35

Date Received: 12/22/17 18:00

Lab Sample ID: 440-199046-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.438 g	10 mL	449019	12/28/17 10:43	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	448948	12/28/17 12:03	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.02 g	10 mL	449230	12/29/17 14:27	EI	TAL IRV
Total/NA	Prep	3546			15.03 g	1 mL	448460	12/23/17 07:09	L1A	TAL IRV
Total/NA	Analysis	8015B		1			448503	12/24/17 03:03	LMB	TAL IRV
Total/NA	Prep	3546			15.00 g	2 mL	448949	12/28/17 06:47	L1A	TAL IRV
Total/NA	Analysis	8082		1			449223	12/29/17 13:00	JM	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	448722	12/27/17 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448893	12/27/17 18:18	K1E	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	448579	12/26/17 11:57	Q1N	TAL IRV
Total/NA	Analysis	7471A		1			449054	12/27/17 21:49	DB	TAL IRV

Client Sample ID: AOC4-B1-5.0 DUP

Date Collected: 12/22/17 08:35

Date Received: 12/22/17 18:00

Lab Sample ID: 440-199046-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.63 g	10 mL	449019	12/28/17 12:15	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	448948	12/28/17 14:01	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.07 g	10 mL	448956	12/28/17 21:12	KGL	TAL IRV
Total/NA	Prep	3546			15.00 g	1 mL	448460	12/23/17 07:09	L1A	TAL IRV
Total/NA	Analysis	8015B		1			448503	12/24/17 03:23	LMB	TAL IRV
Total/NA	Prep	3546			15.02 g	2 mL	448949	12/28/17 06:47	L1A	TAL IRV
Total/NA	Analysis	8082		1			449223	12/29/17 13:14	JM	TAL IRV
Total/NA	Prep	3050B			2.03 g	50 mL	448722	12/27/17 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448893	12/27/17 18:20	K1E	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Client Sample ID: AOC4-B1-5.0 DUP

Date Collected: 12/22/17 08:35

Date Received: 12/22/17 18:00

Lab Sample ID: 440-199046-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.51 g	50 mL	448579	12/26/17 11:57	Q1N	TAL IRV
Total/NA	Analysis	7471A		1			449054	12/27/17 21:51	DB	TAL IRV

Client Sample ID: EB-2017-12-22

Date Collected: 12/22/17 10:30

Date Received: 12/22/17 18:00

Lab Sample ID: 440-199046-8

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	10 mL	10 mL	449182	12/29/17 06:35	GK	TAL IRV
Total/NA	Analysis	8015B		1	10 mL	10 mL	448741	12/27/17 20:02	IM	TAL IRV
Total/NA	Prep	3510C			245 mL	1 mL	448690	12/27/17 06:24	L2A	TAL IRV
Total/NA	Analysis	8015B		1			448898	12/27/17 23:20	LMB	TAL IRV
Total/NA	Prep	3510C			245 mL	2 mL	448689	12/27/17 06:21	L2A	TAL IRV
Total/NA	Analysis	8082		1			448718	12/27/17 15:01	JM	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	448965	12/28/17 08:17	JL	TAL IRV
Total Recoverable	Analysis	6010B		1			449164	12/28/17 17:49	K1E	TAL IRV
Total/NA	Prep	7470A			20 mL	20 mL	448984	12/28/17 09:02	Q1N	TAL IRV
Total/NA	Analysis	7470A		1			449139	12/28/17 15:30	DB	TAL IRV

Client Sample ID: TB

Date Collected: 12/22/17 00:01

Date Received: 12/22/17 18:00

Lab Sample ID: 440-199046-9

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	10 mL	10 mL	449182	12/29/17 06:08	GK	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: MB 440-448948/3

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Bromobenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Bromochloromethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Bromodichloromethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Bromoform	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
2-Butanone (MEK)	ND		10	5.0	ug/Kg			12/28/17 08:06	1
Carbon tetrachloride	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Chlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Chloroethane	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
Chloroform	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Chloromethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
2-Chlorotoluene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
4-Chlorotoluene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
cis-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
cis-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Dibromochloromethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
1,2-Dibromoethane (EDB)	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Dibromomethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dichlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,3-Dichlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,4-Dichlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Dichlorodifluoromethane	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
1,1-Dichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,1-Dichloroethene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dichloropropane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,3-Dichloropropane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
2,2-Dichloropropane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,1-Dichloropropene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Ethylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Hexachlorobutadiene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Isopropylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Methylene Chloride	ND		20	5.0	ug/Kg			12/28/17 08:06	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
m,p-Xylene	ND		4.0	2.0	ug/Kg			12/28/17 08:06	1
Naphthalene	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
N-Propylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
o-Xylene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
p-Isopropyltoluene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
sec-Butylbenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Styrene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
tert-Butylbenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,1,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Tetrachloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Toluene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: MB 440-448948/3

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
trans-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,1-Trichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,2-Trichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Trichloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,2,3-Trichloropropane	ND		10	1.0	ug/Kg			12/28/17 08:06	1
1,2,4-Trimethylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,3,5-Trimethylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Vinyl chloride	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		74 - 124		12/28/17 08:06	1
Dibromofluoromethane (Surr)	111		80 - 135		12/28/17 08:06	1
Toluene-d8 (Surr)	100		80 - 122		12/28/17 08:06	1

Lab Sample ID: LCS 440-448948/5

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	52.3		ug/Kg		105	65 - 120
Bromobenzene	50.0	54.1		ug/Kg		108	70 - 120
Bromochloromethane	50.0	61.9		ug/Kg		124	75 - 145
Bromodichloromethane	50.0	57.5		ug/Kg		115	75 - 135
Bromoform	50.0	68.2	*	ug/Kg		136	75 - 135
Bromomethane	50.0	50.6		ug/Kg		101	65 - 140
2-Butanone (MEK)	50.0	78.8		ug/Kg		158	25 - 170
Carbon tetrachloride	50.0	55.7		ug/Kg		111	65 - 130
Chlorobenzene	50.0	53.2		ug/Kg		106	70 - 120
Chloroethane	50.0	46.6		ug/Kg		93	60 - 135
Chloroform	50.0	52.6		ug/Kg		105	70 - 140
Chloromethane	50.0	46.6		ug/Kg		93	45 - 135
2-Chlorotoluene	50.0	51.9		ug/Kg		104	60 - 115
4-Chlorotoluene	50.0	53.7		ug/Kg		107	65 - 115
cis-1,2-Dichloroethene	50.0	53.3		ug/Kg		107	65 - 135
cis-1,3-Dichloropropene	50.0	57.0		ug/Kg		114	75 - 135
Dibromochloromethane	50.0	61.4		ug/Kg		123	75 - 135
1,2-Dibromo-3-Chloropropane	50.0	78.3	*	ug/Kg		157	75 - 150
1,2-Dibromoethane (EDB)	50.0	64.4		ug/Kg		129	85 - 140
Dibromomethane	50.0	60.5		ug/Kg		121	80 - 145
1,2-Dichlorobenzene	50.0	54.9		ug/Kg		110	75 - 125
1,3-Dichlorobenzene	50.0	52.2		ug/Kg		104	70 - 115
1,4-Dichlorobenzene	50.0	51.8		ug/Kg		104	70 - 120
Dichlorodifluoromethane	50.0	49.8		ug/Kg		100	35 - 160
1,1-Dichloroethane	50.0	52.4		ug/Kg		105	65 - 135

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: LCS 440-448948/5

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	62.0		ug/Kg		124	80 - 140
1,1-Dichloroethene	50.0	52.1		ug/Kg		104	55 - 130
1,2-Dichloropropane	50.0	54.9		ug/Kg		110	65 - 130
1,3-Dichloropropane	50.0	61.8		ug/Kg		124	80 - 135
2,2-Dichloropropane	50.0	56.6		ug/Kg		113	65 - 140
1,1-Dichloropropene	50.0	54.8		ug/Kg		110	80 - 120
Ethylbenzene	50.0	54.0		ug/Kg		108	70 - 120
Hexachlorobutadiene	50.0	47.9		ug/Kg		96	60 - 140
Isopropylbenzene	50.0	58.0		ug/Kg		116	55 - 120
Methylene Chloride	50.0	51.4		ug/Kg		103	60 - 140
Methyl-t-Butyl Ether (MTBE)	50.0	62.9		ug/Kg		126	75 - 150
m,p-Xylene	50.0	55.8		ug/Kg		112	65 - 120
Naphthalene	50.0	71.5		ug/Kg		143	70 - 160
n-Butylbenzene	50.0	54.2		ug/Kg		108	65 - 115
N-Propylbenzene	50.0	55.3		ug/Kg		111	60 - 115
o-Xylene	50.0	58.1		ug/Kg		116	70 - 125
p-Isopropyltoluene	50.0	54.9		ug/Kg		110	70 - 120
sec-Butylbenzene	50.0	54.9		ug/Kg		110	70 - 120
Styrene	50.0	54.3		ug/Kg		109	75 - 130
tert-Butylbenzene	50.0	55.3		ug/Kg		111	70 - 125
1,1,1,2-Tetrachloroethane	50.0	57.6		ug/Kg		115	75 - 130
1,1,2,2-Tetrachloroethane	50.0	66.5		ug/Kg		133	75 - 150
Tetrachloroethene	50.0	52.4		ug/Kg		105	65 - 130
Toluene	50.0	56.1		ug/Kg		112	70 - 120
trans-1,2-Dichloroethene	50.0	53.6		ug/Kg		107	65 - 135
trans-1,3-Dichloropropene	50.0	60.4		ug/Kg		121	75 - 145
1,2,3-Trichlorobenzene	50.0	57.3		ug/Kg		115	75 - 145
1,2,4-Trichlorobenzene	50.0	53.4		ug/Kg		107	70 - 145
1,1,1-Trichloroethane	50.0	54.1		ug/Kg		108	70 - 135
1,1,2-Trichloroethane	50.0	62.4		ug/Kg		125	80 - 145
Trichloroethene	50.0	54.5		ug/Kg		109	65 - 120
Trichlorofluoromethane	50.0	54.1		ug/Kg		108	60 - 145
1,2,3-Trichloropropane	50.0	70.8		ug/Kg		142	65 - 150
1,2,4-Trimethylbenzene	50.0	51.8		ug/Kg		104	65 - 115
1,3,5-Trimethylbenzene	50.0	55.8		ug/Kg		112	65 - 115
Vinyl chloride	50.0	48.2		ug/Kg		96	45 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		74 - 124
Dibromofluoromethane (Surr)	105		80 - 135
Toluene-d8 (Surr)	100		80 - 122

Lab Sample ID: LCSD 440-448948/6

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	53.0		ug/Kg		106	65 - 120	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: LCSD 440-448948/6

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	55.3		ug/Kg		111	70 - 120	2	20
Bromochloromethane	50.0	60.7		ug/Kg		121	75 - 145	2	20
Bromodichloromethane	50.0	57.4		ug/Kg		115	75 - 135	0	20
Bromoform	50.0	66.2		ug/Kg		132	75 - 135	3	25
Bromomethane	50.0	52.2		ug/Kg		104	65 - 140	3	20
2-Butanone (MEK)	50.0	81.4		ug/Kg		163	25 - 170	3	30
Carbon tetrachloride	50.0	56.0		ug/Kg		112	65 - 130	1	20
Chlorobenzene	50.0	53.2		ug/Kg		106	70 - 120	0	20
Chloroethane	50.0	47.5		ug/Kg		95	60 - 135	2	25
Chloroform	50.0	52.9		ug/Kg		106	70 - 140	1	20
Chloromethane	50.0	48.2		ug/Kg		96	45 - 135	3	25
2-Chlorotoluene	50.0	53.9		ug/Kg		108	60 - 115	4	20
4-Chlorotoluene	50.0	54.8		ug/Kg		110	65 - 115	2	20
cis-1,2-Dichloroethene	50.0	54.0		ug/Kg		108	65 - 135	1	20
cis-1,3-Dichloropropene	50.0	58.2		ug/Kg		116	75 - 135	2	20
Dibromochloromethane	50.0	61.0		ug/Kg		122	75 - 135	1	20
1,2-Dibromo-3-Chloropropane	50.0	81.2	*	ug/Kg		162	75 - 150	4	30
1,2-Dibromoethane (EDB)	50.0	64.2		ug/Kg		128	85 - 140	0	20
Dibromomethane	50.0	61.7		ug/Kg		123	80 - 145	2	20
1,2-Dichlorobenzene	50.0	56.5		ug/Kg		113	75 - 125	3	20
1,3-Dichlorobenzene	50.0	53.8		ug/Kg		108	70 - 115	3	20
1,4-Dichlorobenzene	50.0	53.4		ug/Kg		107	70 - 120	3	20
Dichlorodifluoromethane	50.0	51.6		ug/Kg		103	35 - 160	4	30
1,1-Dichloroethane	50.0	53.9		ug/Kg		108	65 - 135	3	20
1,2-Dichloroethane	50.0	61.9		ug/Kg		124	80 - 140	0	20
1,1-Dichloroethene	50.0	52.8		ug/Kg		106	55 - 130	1	20
1,2-Dichloropropane	50.0	55.4		ug/Kg		111	65 - 130	1	20
1,3-Dichloropropane	50.0	59.6		ug/Kg		119	80 - 135	4	20
2,2-Dichloropropane	50.0	57.3		ug/Kg		115	65 - 140	1	20
1,1-Dichloropropene	50.0	56.1		ug/Kg		112	80 - 120	2	20
Ethylbenzene	50.0	54.2		ug/Kg		108	70 - 120	0	20
Hexachlorobutadiene	50.0	51.5		ug/Kg		103	60 - 140	7	20
Isopropylbenzene	50.0	58.7		ug/Kg		117	55 - 120	1	20
Methylene Chloride	50.0	46.0		ug/Kg		92	60 - 140	11	20
Methyl-t-Butyl Ether (MTBE)	50.0	65.2		ug/Kg		130	75 - 150	4	20
m,p-Xylene	50.0	55.6		ug/Kg		111	65 - 120	0	20
Naphthalene	50.0	75.0		ug/Kg		150	70 - 160	5	25
n-Butylbenzene	50.0	58.0	*	ug/Kg		116	65 - 115	7	20
N-Propylbenzene	50.0	57.6		ug/Kg		115	60 - 115	4	20
o-Xylene	50.0	57.7		ug/Kg		115	70 - 125	1	20
p-Isopropyltoluene	50.0	57.4		ug/Kg		115	70 - 120	4	20
sec-Butylbenzene	50.0	58.2		ug/Kg		116	70 - 120	6	20
Styrene	50.0	54.9		ug/Kg		110	75 - 130	1	20
tert-Butylbenzene	50.0	58.0		ug/Kg		116	70 - 125	5	20
1,1,1,2-Tetrachloroethane	50.0	57.1		ug/Kg		114	75 - 130	1	20
1,1,2,2-Tetrachloroethane	50.0	67.6		ug/Kg		135	75 - 150	2	30
Tetrachloroethene	50.0	52.5		ug/Kg		105	65 - 130	0	20
Toluene	50.0	55.6		ug/Kg		111	70 - 120	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: LCSD 440-448948/6

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	50.0	55.7		ug/Kg		111	65 - 135	4	20
trans-1,3-Dichloropropene	50.0	60.6		ug/Kg		121	75 - 145	0	20
1,2,3-Trichlorobenzene	50.0	59.7		ug/Kg		119	75 - 145	4	20
1,2,4-Trichlorobenzene	50.0	55.3		ug/Kg		111	70 - 145	4	20
1,1,1-Trichloroethane	50.0	55.4		ug/Kg		111	70 - 135	2	20
1,1,2-Trichloroethane	50.0	60.6		ug/Kg		121	80 - 145	3	20
Trichloroethene	50.0	55.5		ug/Kg		111	65 - 120	2	20
Trichlorofluoromethane	50.0	54.9		ug/Kg		110	60 - 145	1	25
1,2,3-Trichloropropane	50.0	74.1		ug/Kg		148	65 - 150	5	25
1,2,4-Trimethylbenzene	50.0	53.4		ug/Kg		107	65 - 115	3	20
1,3,5-Trimethylbenzene	50.0	58.3	*	ug/Kg		117	65 - 115	4	20
Vinyl chloride	50.0	49.8		ug/Kg		100	45 - 135	3	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		74 - 124
Dibromofluoromethane (Surr)	105		80 - 135
Toluene-d8 (Surr)	99		80 - 122

Lab Sample ID: MB 440-449182/4

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Bromobenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Bromochloromethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Bromodichloromethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Bromoform	ND		1.0	0.40	ug/L			12/28/17 21:20	1
Bromomethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			12/28/17 21:20	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Chlorobenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Chloroethane	ND		1.0	0.40	ug/L			12/28/17 21:20	1
Chloroform	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Chloromethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Dibromochloromethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			12/28/17 21:20	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Dibromomethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			12/28/17 21:20	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: MB 440-449182/4

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			12/28/17 21:20	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Ethylbenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Isopropylbenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Methylene Chloride	ND		2.0	0.88	ug/L			12/28/17 21:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			12/28/17 21:20	1
m,p-Xylene	ND		1.0	0.50	ug/L			12/28/17 21:20	1
Naphthalene	ND		1.0	0.40	ug/L			12/28/17 21:20	1
n-Butylbenzene	ND		1.0	0.40	ug/L			12/28/17 21:20	1
N-Propylbenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
o-Xylene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Styrene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Tetrachloroethene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Toluene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			12/28/17 21:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			12/28/17 21:20	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Trichloroethene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			12/28/17 21:20	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			12/28/17 21:20	1
Vinyl chloride	ND		0.50	0.25	ug/L			12/28/17 21:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		12/28/17 21:20	1
Dibromofluoromethane (Surr)	98		76 - 132		12/28/17 21:20	1
Toluene-d8 (Surr)	102		80 - 128		12/28/17 21:20	1

Lab Sample ID: LCS 440-449182/5

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.0		ug/L		104	68 - 130

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: LCS 440-449182/5

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	25.0	24.8		ug/L		99	70 - 130
Bromochloromethane	25.0	24.6		ug/L		98	70 - 130
Bromodichloromethane	25.0	24.5		ug/L		98	70 - 132
Bromoform	25.0	23.6		ug/L		94	60 - 148
Bromomethane	25.0	21.6		ug/L		86	64 - 139
2-Butanone (MEK)	25.0	25.6		ug/L		103	44 - 150
Carbon tetrachloride	25.0	24.4		ug/L		97	60 - 150
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130
Chloroethane	25.0	24.7		ug/L		99	64 - 135
Chloroform	25.0	25.3		ug/L		101	70 - 130
Chloromethane	25.0	24.3		ug/L		97	47 - 140
2-Chlorotoluene	25.0	25.9		ug/L		104	70 - 130
4-Chlorotoluene	25.0	26.4		ug/L		106	70 - 130
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	70 - 133
cis-1,3-Dichloropropene	25.0	24.9		ug/L		99	70 - 133
Dibromochloromethane	25.0	24.1		ug/L		97	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	24.2		ug/L		97	52 - 140
1,2-Dibromoethane (EDB)	25.0	24.4		ug/L		97	70 - 130
Dibromomethane	25.0	24.1		ug/L		96	70 - 130
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
Dichlorodifluoromethane	25.0	21.1		ug/L		84	29 - 150
1,1-Dichloroethane	25.0	26.1		ug/L		104	64 - 130
1,2-Dichloroethane	25.0	24.5		ug/L		98	57 - 138
1,1-Dichloroethene	25.0	23.7		ug/L		95	70 - 130
1,2-Dichloropropane	25.0	26.0		ug/L		104	67 - 130
1,3-Dichloropropane	25.0	24.7		ug/L		99	70 - 130
2,2-Dichloropropane	25.0	26.4		ug/L		106	68 - 141
1,1-Dichloropropene	25.0	25.2		ug/L		101	70 - 130
Ethylbenzene	25.0	24.7		ug/L		99	70 - 130
Hexachlorobutadiene	25.0	23.9		ug/L		95	10 - 150
Isopropylbenzene	25.0	25.2		ug/L		101	70 - 136
Methylene Chloride	25.0	23.8		ug/L		95	52 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	23.8		ug/L		95	63 - 131
m,p-Xylene	25.0	25.0		ug/L		100	70 - 130
Naphthalene	25.0	24.6		ug/L		99	60 - 140
n-Butylbenzene	25.0	25.9		ug/L		104	65 - 150
N-Propylbenzene	25.0	26.5		ug/L		106	67 - 139
o-Xylene	25.0	25.3		ug/L		101	70 - 130
p-Isopropyltoluene	25.0	25.8		ug/L		103	70 - 132
sec-Butylbenzene	25.0	26.2		ug/L		105	70 - 138
Styrene	25.0	25.1		ug/L		100	70 - 134
tert-Butylbenzene	25.0	25.7		ug/L		103	70 - 130
1,1,1,2-Tetrachloroethane	25.0	22.1		ug/L		88	60 - 141
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	63 - 130
Tetrachloroethene	25.0	24.3		ug/L		97	70 - 130
Toluene	25.0	24.9		ug/L		100	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: LCS 440-449182/5

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	70 - 130
trans-1,3-Dichloropropene	25.0	23.7		ug/L		95	70 - 132
1,2,3-Trichlorobenzene	25.0	25.5		ug/L		102	60 - 140
1,2,4-Trichlorobenzene	25.0	24.7		ug/L		99	60 - 140
1,1,1-Trichloroethane	25.0	24.1		ug/L		96	70 - 130
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	70 - 130
Trichloroethene	25.0	24.4		ug/L		98	70 - 130
Trichlorofluoromethane	25.0	22.4		ug/L		89	60 - 150
1,2,3-Trichloropropane	25.0	25.3		ug/L		101	63 - 130
1,2,4-Trimethylbenzene	25.0	25.9		ug/L		104	70 - 135
1,3,5-Trimethylbenzene	25.0	25.7		ug/L		103	70 - 136
Vinyl chloride	25.0	23.8		ug/L		95	59 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	98		76 - 132
Toluene-d8 (Surr)	97		80 - 128

Lab Sample ID: 440-198996-A-1 MS

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	27.4		ug/L		110	66 - 130
Bromobenzene	ND		25.0	26.9		ug/L		108	70 - 130
Bromochloromethane	ND		25.0	26.8		ug/L		107	70 - 130
Bromodichloromethane	ND		25.0	26.9		ug/L		108	70 - 138
Bromoform	ND		25.0	25.8		ug/L		103	59 - 150
Bromomethane	ND		25.0	22.3		ug/L		89	62 - 131
2-Butanone (MEK)	ND		25.0	27.6		ug/L		110	48 - 140
Carbon tetrachloride	ND		25.0	25.6		ug/L		103	60 - 150
Chlorobenzene	ND		25.0	26.7		ug/L		107	70 - 130
Chloroethane	ND		25.0	26.0		ug/L		104	68 - 130
Chloroform	ND		25.0	27.0		ug/L		108	70 - 130
Chloromethane	ND		25.0	25.0		ug/L		100	39 - 144
2-Chlorotoluene	ND		25.0	28.0		ug/L		112	70 - 130
4-Chlorotoluene	ND		25.0	28.5		ug/L		114	70 - 130
cis-1,2-Dichloroethene	ND		25.0	26.0		ug/L		104	70 - 130
cis-1,3-Dichloropropene	ND		25.0	27.4		ug/L		110	70 - 133
Dibromochloromethane	ND		25.0	26.6		ug/L		106	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	26.2		ug/L		105	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	26.8		ug/L		107	70 - 131
Dibromomethane	ND		25.0	26.0		ug/L		104	70 - 130
1,2-Dichlorobenzene	ND		25.0	27.6		ug/L		110	70 - 130
1,3-Dichlorobenzene	ND		25.0	28.1		ug/L		112	70 - 130
1,4-Dichlorobenzene	ND		25.0	27.9		ug/L		111	70 - 130
Dichlorodifluoromethane	ND		25.0	21.7		ug/L		87	25 - 142
1,1-Dichloroethane	ND		25.0	27.9		ug/L		112	65 - 130

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: 440-198996-A-1 MS

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	ND		25.0	26.5		ug/L		106	56 - 146
1,1-Dichloroethene	ND		25.0	24.3		ug/L		97	70 - 130
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	69 - 130
1,3-Dichloropropane	ND		25.0	27.3		ug/L		109	70 - 130
2,2-Dichloropropane	ND		25.0	28.8		ug/L		115	69 - 138
1,1-Dichloropropene	ND		25.0	26.9		ug/L		108	64 - 130
Ethylbenzene	ND		25.0	27.1		ug/L		108	70 - 130
Hexachlorobutadiene	ND		25.0	25.5		ug/L		102	10 - 150
Isopropylbenzene	ND		25.0	27.4		ug/L		109	70 - 132
Methylene Chloride	ND		25.0	25.2		ug/L		101	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.1		ug/L		104	70 - 130
m,p-Xylene	ND		25.0	27.5		ug/L		110	70 - 133
Naphthalene	ND		25.0	27.1		ug/L		109	60 - 140
n-Butylbenzene	ND		25.0	27.4		ug/L		110	61 - 149
N-Propylbenzene	ND		25.0	28.7		ug/L		115	66 - 135
o-Xylene	ND		25.0	27.6		ug/L		110	70 - 133
p-Isopropyltoluene	ND		25.0	27.5		ug/L		110	70 - 130
sec-Butylbenzene	ND		25.0	28.2		ug/L		113	67 - 134
Styrene	ND		25.0	27.5		ug/L		110	29 - 150
tert-Butylbenzene	ND		25.0	27.4		ug/L		110	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	23.8		ug/L		95	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	28.5		ug/L		114	63 - 130
Tetrachloroethene	ND		25.0	26.7		ug/L		107	70 - 137
Toluene	ND		25.0	27.4		ug/L		110	70 - 130
trans-1,2-Dichloroethene	ND		25.0	25.9		ug/L		103	70 - 130
trans-1,3-Dichloropropene	ND		25.0	26.6		ug/L		107	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	28.1		ug/L		112	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.7		ug/L		103	70 - 130
1,1,2-Trichloroethane	ND		25.0	27.7		ug/L		111	70 - 130
Trichloroethene	ND		25.0	26.2		ug/L		105	70 - 130
Trichlorofluoromethane	ND		25.0	23.1		ug/L		92	60 - 150
1,2,3-Trichloropropane	ND		25.0	27.9		ug/L		112	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	27.6		ug/L		110	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	27.8		ug/L		111	70 - 130
Vinyl chloride	ND		25.0	24.6		ug/L		98	50 - 137

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	98		76 - 132
Toluene-d8 (Surr)	100		80 - 128

Lab Sample ID: 440-198996-A-1 MSD

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	27.3		ug/L		109	66 - 130	0	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: 440-198996-A-1 MSD

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	ND		25.0	27.0		ug/L		108	70 - 130	1	20
Bromochloromethane	ND		25.0	25.9		ug/L		104	70 - 130	3	25
Bromodichloromethane	ND		25.0	26.8		ug/L		107	70 - 138	0	20
Bromoform	ND		25.0	25.3		ug/L		101	59 - 150	2	25
Bromomethane	ND		25.0	22.6		ug/L		90	62 - 131	1	25
2-Butanone (MEK)	ND		25.0	26.7		ug/L		107	48 - 140	3	40
Carbon tetrachloride	ND		25.0	25.7		ug/L		103	60 - 150	0	25
Chlorobenzene	ND		25.0	26.5		ug/L		106	70 - 130	0	20
Chloroethane	ND		25.0	26.0		ug/L		104	68 - 130	0	25
Chloroform	ND		25.0	26.6		ug/L		106	70 - 130	2	20
Chloromethane	ND		25.0	25.1		ug/L		100	39 - 144	0	25
2-Chlorotoluene	ND		25.0	27.8		ug/L		111	70 - 130	1	20
4-Chlorotoluene	ND		25.0	27.9		ug/L		111	70 - 130	2	20
cis-1,2-Dichloroethene	ND		25.0	25.4		ug/L		102	70 - 130	2	20
cis-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	70 - 133	1	20
Dibromochloromethane	ND		25.0	26.1		ug/L		105	70 - 148	2	25
1,2-Dibromo-3-Chloropropane	ND		25.0	25.0		ug/L		100	48 - 140	5	30
1,2-Dibromoethane (EDB)	ND		25.0	26.2		ug/L		105	70 - 131	2	25
Dibromomethane	ND		25.0	25.3		ug/L		101	70 - 130	3	25
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	70 - 130	0	20
1,3-Dichlorobenzene	ND		25.0	27.7		ug/L		111	70 - 130	1	20
1,4-Dichlorobenzene	ND		25.0	27.7		ug/L		111	70 - 130	1	20
Dichlorodifluoromethane	ND		25.0	21.8		ug/L		87	25 - 142	0	30
1,1-Dichloroethane	ND		25.0	27.4		ug/L		109	65 - 130	2	20
1,2-Dichloroethane	ND		25.0	26.0		ug/L		104	56 - 146	2	20
1,1-Dichloroethene	ND		25.0	24.8		ug/L		99	70 - 130	2	20
1,2-Dichloropropane	ND		25.0	27.3		ug/L		109	69 - 130	2	20
1,3-Dichloropropane	ND		25.0	26.6		ug/L		106	70 - 130	3	25
2,2-Dichloropropane	ND		25.0	28.2		ug/L		113	69 - 138	2	25
1,1-Dichloropropene	ND		25.0	26.7		ug/L		107	64 - 130	1	20
Ethylbenzene	ND		25.0	26.6		ug/L		106	70 - 130	2	20
Hexachlorobutadiene	ND		25.0	26.1		ug/L		104	10 - 150	2	20
Isopropylbenzene	ND		25.0	27.0		ug/L		108	70 - 132	1	20
Methylene Chloride	ND		25.0	25.0		ug/L		100	52 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.0		ug/L		100	70 - 130	4	25
m,p-Xylene	ND		25.0	26.7		ug/L		107	70 - 133	3	25
Naphthalene	ND		25.0	26.7		ug/L		107	60 - 140	2	30
n-Butylbenzene	ND		25.0	28.1		ug/L		112	61 - 149	2	20
N-Propylbenzene	ND		25.0	28.1		ug/L		112	66 - 135	2	20
o-Xylene	ND		25.0	27.2		ug/L		109	70 - 133	2	20
p-Isopropyltoluene	ND		25.0	27.7		ug/L		111	70 - 130	1	20
sec-Butylbenzene	ND		25.0	27.9		ug/L		112	67 - 134	1	20
Styrene	ND		25.0	27.0		ug/L		108	29 - 150	2	35
tert-Butylbenzene	ND		25.0	27.4		ug/L		110	70 - 130	0	20
1,1,1,2-Tetrachloroethane	ND		25.0	23.7		ug/L		95	60 - 149	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	27.3		ug/L		109	63 - 130	4	30
Tetrachloroethene	ND		25.0	26.1		ug/L		104	70 - 137	2	20
Toluene	ND		25.0	27.1		ug/L		108	70 - 130	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: 440-198996-A-1 MSD

Matrix: Water

Analysis Batch: 449182

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	ND		25.0	25.7		ug/L		103	70 - 130	1	20
trans-1,3-Dichloropropene	ND		25.0	26.3		ug/L		105	70 - 138	1	25
1,2,3-Trichlorobenzene	ND		25.0	27.7		ug/L		111	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	25.4		ug/L		102	70 - 130	1	20
1,1,2-Trichloroethane	ND		25.0	27.8		ug/L		111	70 - 130	0	25
Trichloroethene	ND		25.0	25.8		ug/L		103	70 - 130	1	20
Trichlorofluoromethane	ND		25.0	23.4		ug/L		93	60 - 150	1	25
1,2,3-Trichloropropane	ND		25.0	27.4		ug/L		110	60 - 130	2	30
1,2,4-Trimethylbenzene	ND		25.0	27.7		ug/L		111	70 - 130	0	25
1,3,5-Trimethylbenzene	ND		25.0	27.7		ug/L		111	70 - 130	0	20
Vinyl chloride	ND		25.0	24.6		ug/L		98	50 - 137	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	97		76 - 132
Toluene-d8 (Surr)	100		80 - 128

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-448741/5

Matrix: Water

Analysis Batch: 448741

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50	25	ug/L			12/27/17 10:52	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		65 - 140					12/27/17 10:52	1

Lab Sample ID: LCS 440-448741/4

Matrix: Water

Analysis Batch: 448741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
GRO (C4-C12)			800	866		ug/L		108	80 - 120		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	112		65 - 140								

Lab Sample ID: 440-198645-A-37 MS

Matrix: Water

Analysis Batch: 448741

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	ND		800	864		ug/L		108	65 - 140

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 440-198645-A-37 MS

Matrix: Water

Analysis Batch: 448741

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		65 - 140

Lab Sample ID: 440-198645-A-37 MSD

Matrix: Water

Analysis Batch: 448741

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	877		ug/L		110	65 - 140	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		65 - 140								

Lab Sample ID: MB 440-448956/5

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			12/28/17 09:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	85		65 - 140						
							Prepared	Analyzed	Dil Fac
								12/28/17 09:26	1

Lab Sample ID: LCS 440-448956/3

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
GRO (C4-C12)			1600	1910		ug/Kg	-	119	70 - 135		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	124		65 - 140								

Lab Sample ID: LCSD 440-448956/4

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1600	1890		ug/Kg		118	70 - 135	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	123		65 - 140						

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 440-199084-A-1 MS

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		1590	1260		ug/Kg		79	60 - 140		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	90		65 - 140								

Lab Sample ID: 440-199084-A-1 MSD

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1590	1090		ug/Kg	-	68	60 - 140	15	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	81		65 - 140								

Lab Sample ID: MB 440-449230/5

Matrix: Solid

Analysis Batch: 449230

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
GRO (C4-C12)	ND		400	150	ug/Kg			12/29/17 10:06	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	126		65 - 140		12/29/17 10:06	1			

Lab Sample ID: LCS 440-449230/3

Matrix: Solid

Analysis Batch: 449230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
GRO (C4-C12)			1600	1660		ug/Kg	-	104	70 - 135		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	111		65 - 140								

Lab Sample ID: LCSD 440-449230/4

Matrix: Solid

Analysis Batch: 449230

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
GRO (C4-C12)			1600	1660		ug/Kg	-	104	70 - 135	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		65 - 140								

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 440-199111-E-7 MS

Matrix: Solid

Analysis Batch: 449230

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	ND		1590	1630		ug/Kg		103	60 - 140
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		65 - 140						

Lab Sample ID: 440-199111-E-7 MSD

Matrix: Solid

Analysis Batch: 449230

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1590	1620		ug/Kg		101	60 - 140	1	30
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	95		65 - 140								

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-448460/1-A

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		12/23/17 07:09	12/23/17 16:36	1
ORO (C23-C40)	ND		5.0	2.5	mg/Kg		12/23/17 07:09	12/23/17 16:36	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	90		40 - 140				12/23/17 07:09	12/23/17 16:36	1

Lab Sample ID: LCS 440-448460/2-A

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	66.4	56.5		mg/Kg		85	45 - 115
Surrogate	%Recovery	LCS Qualifier	Limits				
n-Octacosane	89		40 - 140				

Lab Sample ID: 440-199041-E-1-A MS

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	17	F2 B	66.5	76.2		mg/Kg		88	40 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 440-199041-E-1-A MS

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448460

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane	75		40 - 140

Lab Sample ID: 440-199041-E-1-B MSD

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448460

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	17	F2 B	66.6	52.5	F2	mg/Kg		53	40 - 120	37	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
n-Octacosane	82		40 - 140								

Lab Sample ID: MB 440-448690/1-A

Matrix: Water

Analysis Batch: 448898

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		0.50	0.25	mg/L		12/27/17 06:24	12/27/17 22:21	1
ORO (C23-C40)	ND		0.50	0.25	mg/L		12/27/17 06:24	12/27/17 22:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
n-Octacosane	76		45 - 120	12/27/17 06:24	12/27/17 22:21	1			

Lab Sample ID: LCS 440-448690/2-A

Matrix: Water

Analysis Batch: 448898

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448690

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C10-C28	1.00	0.647		mg/L		65	40 - 115		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
n-Octacosane	72		45 - 120						

Lab Sample ID: LCSD 440-448690/3-A

Matrix: Water

Analysis Batch: 448898

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448690

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	1.00	0.596		mg/L		60	40 - 115	8	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane	58		45 - 120						

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: MB 440-448689/1-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448689

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1221	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1232	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1242	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1248	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1254	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1
Aroclor 1260	ND		1.0	0.50	ug/L		12/27/17 06:21	12/27/17 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	73		26 - 115	12/27/17 06:21	12/27/17 13:56	1

Lab Sample ID: LCS 440-448689/4-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.66		ug/L		91	59 - 115
Aroclor 1260	4.00	3.55		ug/L		89	48 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	73		26 - 115

Lab Sample ID: LCSD 440-448689/5-A

Matrix: Water

Analysis Batch: 448718

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 448689

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.70		ug/L		92	59 - 115	1	30
Aroclor 1260	4.00	3.74		ug/L		94	48 - 115	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	81		26 - 115

Lab Sample ID: MB 440-448949/1-A

Matrix: Solid

Analysis Batch: 449223

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1221	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1232	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1242	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1248	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1254	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1
Aroclor 1260	ND		50	17	ug/Kg		12/28/17 06:47	12/29/17 11:40	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: MB 440-448949/1-A
Matrix: Solid
Analysis Batch: 449223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 448949

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	88		45 - 120	12/28/17 06:47	12/29/17 11:40	1

Lab Sample ID: LCS 440-448949/2-A
Matrix: Solid
Analysis Batch: 449223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 448949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	267	260		ug/Kg		97	65 - 115
Aroclor 1260	267	265		ug/Kg		99	65 - 115
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr)	81		45 - 120				

Lab Sample ID: 440-199024-G-1-F MS
Matrix: Solid
Analysis Batch: 449223

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 448949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	ND		267	253		ug/Kg		95	50 - 120
Aroclor 1260	ND		267	264		ug/Kg		99	50 - 125
Surrogate	MS %Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl (Surr)	85		45 - 120						

Lab Sample ID: 440-199024-G-1-G MSD
Matrix: Solid
Analysis Batch: 449223

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 448949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	ND		267	245		ug/Kg		92	50 - 120	5	30
Aroclor 1260	ND		267	254		ug/Kg		95	50 - 125	6	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl (Surr)	83		45 - 120								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-448722/1-A ^5
Matrix: Solid
Analysis Batch: 448893

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 448722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.9	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Arsenic	ND		3.0	1.5	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Barium	ND		1.5	0.74	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Beryllium	ND		0.49	0.25	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Cadmium	ND		0.49	0.25	mg/Kg		12/27/17 08:47	12/27/17 17:09	5

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: MB 440-448722/1-A ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Cobalt	ND		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Copper	ND		2.0	1.1	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Lead	ND		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Molybdenum	ND		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Nickel	ND		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Selenium	ND		3.0	1.7	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Silver	ND		1.5	0.88	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Thallium	ND		9.9	4.9	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Vanadium	ND		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Zinc	ND		4.9	2.5	mg/Kg		12/27/17 08:47	12/27/17 17:09	5

Lab Sample ID: LCS 440-448722/2-A ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	49.8	47.1		mg/Kg		95	80 - 120
Arsenic	49.8	46.0		mg/Kg		92	80 - 120
Barium	49.8	46.5		mg/Kg		93	80 - 120
Beryllium	49.8	46.1		mg/Kg		93	80 - 120
Cadmium	49.8	46.5		mg/Kg		93	80 - 120
Chromium	49.8	47.6		mg/Kg		96	80 - 120
Cobalt	49.8	47.4		mg/Kg		95	80 - 120
Copper	49.8	47.5		mg/Kg		96	80 - 120
Lead	49.8	47.4		mg/Kg		95	80 - 120
Molybdenum	49.8	47.3		mg/Kg		95	80 - 120
Nickel	49.8	47.4		mg/Kg		95	80 - 120
Selenium	49.8	42.8		mg/Kg		86	80 - 120
Silver	24.9	23.4		mg/Kg		94	80 - 120
Thallium	49.8	46.8		mg/Kg		94	80 - 120
Vanadium	49.8	47.1		mg/Kg		95	80 - 120
Zinc	49.8	46.2		mg/Kg		93	80 - 120

Lab Sample ID: 440-198997-K-24-C MS ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		49.3	39.4		mg/Kg		80	75 - 125
Arsenic	ND		49.3	46.4		mg/Kg		94	75 - 125
Barium	29		49.3	79.1		mg/Kg		102	75 - 125
Beryllium	ND		49.3	46.4		mg/Kg		94	75 - 125
Cadmium	ND		49.3	45.8		mg/Kg		93	75 - 125
Chromium	3.9		49.3	50.8		mg/Kg		95	75 - 125
Cobalt	1.7		49.3	47.7		mg/Kg		93	75 - 125
Copper	4.0		49.3	51.9		mg/Kg		97	75 - 125
Lead	1.2	J	49.3	47.3		mg/Kg		94	75 - 125
Molybdenum	ND		49.3	46.7		mg/Kg		95	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: 440-198997-K-24-C MS ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	2.1		49.3	47.6		mg/Kg		92	75 - 125
Selenium	ND		49.3	43.3		mg/Kg		88	75 - 125
Silver	ND		24.6	23.2		mg/Kg		94	75 - 125
Thallium	ND		49.3	47.0		mg/Kg		95	75 - 125
Vanadium	13		49.3	61.7		mg/Kg		99	75 - 125
Zinc	15		49.3	58.0		mg/Kg		87	75 - 125

Lab Sample ID: 440-198997-K-24-D MSD ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		49.5	40.4		mg/Kg		82	75 - 125	2	20
Arsenic	ND		49.5	48.0		mg/Kg		97	75 - 125	3	20
Barium	29		49.5	84.8		mg/Kg		113	75 - 125	7	20
Beryllium	ND		49.5	47.2		mg/Kg		95	75 - 125	2	20
Cadmium	ND		49.5	46.1		mg/Kg		93	75 - 125	1	20
Chromium	3.9		49.5	51.5		mg/Kg		96	75 - 125	1	20
Cobalt	1.7		49.5	48.3		mg/Kg		94	75 - 125	1	20
Copper	4.0		49.5	52.6		mg/Kg		98	75 - 125	1	20
Lead	1.2 J		49.5	48.2		mg/Kg		95	75 - 125	2	20
Molybdenum	ND		49.5	47.2		mg/Kg		95	75 - 125	1	20
Nickel	2.1		49.5	48.3		mg/Kg		93	75 - 125	1	20
Selenium	ND		49.5	44.2		mg/Kg		89	75 - 125	2	20
Silver	ND		24.8	23.4		mg/Kg		95	75 - 125	1	20
Thallium	ND		49.5	47.3		mg/Kg		95	75 - 125	1	20
Vanadium	13		49.5	61.6		mg/Kg		99	75 - 125	0	20
Zinc	15		49.5	60.2		mg/Kg		91	75 - 125	4	20

Lab Sample ID: MB 440-448965/1-A

Matrix: Water

Analysis Batch: 449164

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010	0.0060	mg/L		12/28/17 08:17	12/28/17 17:16	1
Arsenic	ND		0.010	0.0089	mg/L		12/28/17 08:17	12/28/17 17:16	1
Barium	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:16	1
Beryllium	ND		0.0020	0.0010	mg/L		12/28/17 08:17	12/28/17 17:16	1
Cadmium	ND		0.0050	0.0025	mg/L		12/28/17 08:17	12/28/17 17:16	1
Chromium	ND		0.0050	0.0025	mg/L		12/28/17 08:17	12/28/17 17:16	1
Cobalt	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:16	1
Copper	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:16	1
Lead	ND		0.0050	0.0038	mg/L		12/28/17 08:17	12/28/17 17:16	1
Molybdenum	ND		0.020	0.010	mg/L		12/28/17 08:17	12/28/17 17:16	1
Nickel	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:16	1
Selenium	ND		0.010	0.0087	mg/L		12/28/17 08:17	12/28/17 17:16	1
Silver	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:16	1
Thallium	ND		0.010	0.0080	mg/L		12/28/17 08:17	12/28/17 17:16	1
Vanadium	ND		0.010	0.0050	mg/L		12/28/17 08:17	12/28/17 17:16	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: MB 440-448965/1-A

Matrix: Water

Analysis Batch: 449164

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.020	0.012	mg/L		12/28/17 08:17	12/28/17 17:16	1

Lab Sample ID: LCS 440-448965/2-A

Matrix: Water

Analysis Batch: 449164

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	1.06		mg/L		106	80 - 120
Arsenic	1.00	1.07		mg/L		107	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Beryllium	1.00	1.06		mg/L		106	80 - 120
Cadmium	1.00	1.05		mg/L		105	80 - 120
Chromium	1.00	1.06		mg/L		106	80 - 120
Cobalt	1.00	1.05		mg/L		105	80 - 120
Copper	1.00	1.08		mg/L		108	80 - 120
Lead	1.00	1.05		mg/L		105	80 - 120
Molybdenum	1.00	1.07		mg/L		107	80 - 120
Nickel	1.00	1.06		mg/L		106	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.500	0.492		mg/L		98	80 - 120
Thallium	1.00	0.993		mg/L		99	80 - 120
Vanadium	1.00	1.06		mg/L		106	80 - 120
Zinc	1.00	1.05		mg/L		105	80 - 120

Lab Sample ID: 440-198798-D-91-B MS

Matrix: Water

Analysis Batch: 449164

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		1.00	1.03		mg/L		103	75 - 125
Arsenic	ND		1.00	1.03		mg/L		103	75 - 125
Barium	0.11		1.00	1.11		mg/L		100	75 - 125
Beryllium	ND		1.00	1.02		mg/L		102	75 - 125
Cadmium	ND		1.00	1.02		mg/L		102	75 - 125
Chromium	ND		1.00	1.02		mg/L		102	75 - 125
Cobalt	ND		1.00	1.02		mg/L		102	75 - 125
Copper	ND		1.00	1.04		mg/L		104	75 - 125
Lead	ND		1.00	1.01		mg/L		101	75 - 125
Molybdenum	ND		1.00	1.04		mg/L		104	75 - 125
Nickel	ND		1.00	1.02		mg/L		102	75 - 125
Selenium	ND		1.00	0.988		mg/L		99	75 - 125
Silver	ND		0.500	0.475		mg/L		95	75 - 125
Thallium	ND		1.00	0.979		mg/L		98	75 - 125
Vanadium	ND		1.00	1.03		mg/L		103	75 - 125
Zinc	ND		1.00	1.01		mg/L		101	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

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

Lab Sample ID: 440-198798-D-91-C MSD

Matrix: Water

Analysis Batch: 449164

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 448965

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		1.00	0.974		mg/L		97	75 - 125	5	20
Arsenic	ND		1.00	0.984		mg/L		98	75 - 125	4	20
Barium	0.11		1.00	1.05		mg/L		94	75 - 125	5	20
Beryllium	ND		1.00	0.975		mg/L		98	75 - 125	5	20
Cadmium	ND		1.00	0.969		mg/L		97	75 - 125	5	20
Chromium	ND		1.00	0.975		mg/L		97	75 - 125	5	20
Cobalt	ND		1.00	0.971		mg/L		97	75 - 125	5	20
Copper	ND		1.00	0.992		mg/L		99	75 - 125	5	20
Lead	ND		1.00	0.965		mg/L		96	75 - 125	5	20
Molybdenum	ND		1.00	0.993		mg/L		99	75 - 125	5	20
Nickel	ND		1.00	0.974		mg/L		97	75 - 125	5	20
Selenium	ND		1.00	0.944		mg/L		94	75 - 125	5	20
Silver	ND		0.500	0.454		mg/L		91	75 - 125	4	20
Thallium	ND		1.00	0.939		mg/L		94	75 - 125	4	20
Vanadium	ND		1.00	0.978		mg/L		98	75 - 125	5	20
Zinc	ND		1.00	0.969		mg/L		97	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 440-448984/1-A

Matrix: Water

Analysis Batch: 449139

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00010	mg/L		12/28/17 09:02	12/28/17 15:06	1

Lab Sample ID: LCS 440-448984/2-A

Matrix: Water

Analysis Batch: 449139

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00800	0.00782		mg/L		98	80 - 120

Lab Sample ID: 440-198787-H-8-D MS

Matrix: Water

Analysis Batch: 449139

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448984

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00800	0.00774		mg/L		97	70 - 130

Lab Sample ID: 440-198787-H-8-E MSD

Matrix: Water

Analysis Batch: 449139

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00800	0.00804		mg/L		100	70 - 130	4	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-448579/1-A
Matrix: Solid
Analysis Batch: 449054

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 448579

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.012	mg/Kg		12/26/17 11:57	12/27/17 20:57	1

Lab Sample ID: LCS 440-448579/2-A
Matrix: Solid
Analysis Batch: 449054

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 448579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.800	0.831		mg/Kg		104	80 - 120

Lab Sample ID: 440-199019-A-1-E MS
Matrix: Solid
Analysis Batch: 449054

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 448579

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.036		0.800	0.792		mg/Kg		95	70 - 130

Lab Sample ID: 440-199019-A-1-F MSD
Matrix: Solid
Analysis Batch: 449054

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 448579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.036		0.784	0.766		mg/Kg		93	70 - 130	3	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

GC/MS VOA

Analysis Batch: 448948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	8260B	449019
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	8260B	449019
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	8260B	449019
MB 440-448948/3	Method Blank	Total/NA	Solid	8260B	
LCS 440-448948/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-448948/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 449019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	5035	
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	5035	
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	5035	

Analysis Batch: 449182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	8260B	
440-199046-9	TB	Total/NA	Water	8260B	
MB 440-449182/4	Method Blank	Total/NA	Water	8260B	
LCS 440-449182/5	Lab Control Sample	Total/NA	Water	8260B	
440-198996-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-198996-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 448741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	8015B	
MB 440-448741/5	Method Blank	Total/NA	Water	8015B	
LCS 440-448741/4	Lab Control Sample	Total/NA	Water	8015B	
440-198645-A-37 MS	Matrix Spike	Total/NA	Water	8015B	
440-198645-A-37 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

Analysis Batch: 448956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	8015B	
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	8015B	
MB 440-448956/5	Method Blank	Total/NA	Solid	8015B	
LCS 440-448956/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-448956/4	Lab Control Sample Dup	Total/NA	Solid	8015B	
440-199084-A-1 MS	Matrix Spike	Total/NA	Solid	8015B	
440-199084-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	

Analysis Batch: 449230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	8015B	
MB 440-449230/5	Method Blank	Total/NA	Solid	8015B	
LCS 440-449230/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-449230/4	Lab Control Sample Dup	Total/NA	Solid	8015B	
440-199111-E-7 MS	Matrix Spike	Total/NA	Solid	8015B	
440-199111-E-7 MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

GC Semi VOA

Prep Batch: 448460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	3546	
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	3546	
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	3546	
MB 440-448460/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-448460/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199041-E-1-A MS	Matrix Spike	Total/NA	Solid	3546	
440-199041-E-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 448503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	8015B	448460
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	8015B	448460
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	8015B	448460

Analysis Batch: 448504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-448460/1-A	Method Blank	Total/NA	Solid	8015B	448460
LCS 440-448460/2-A	Lab Control Sample	Total/NA	Solid	8015B	448460
440-199041-E-1-A MS	Matrix Spike	Total/NA	Solid	8015B	448460
440-199041-E-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	448460

Prep Batch: 448689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	3510C	
MB 440-448689/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-448689/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-448689/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 448690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	3510C	
MB 440-448690/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-448690/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-448690/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 448718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	8082	448689
MB 440-448689/1-A	Method Blank	Total/NA	Water	8082	448689
LCS 440-448689/4-A	Lab Control Sample	Total/NA	Water	8082	448689
LCSD 440-448689/5-A	Lab Control Sample Dup	Total/NA	Water	8082	448689

Analysis Batch: 448898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	8015B	448690
MB 440-448690/1-A	Method Blank	Total/NA	Water	8015B	448690
LCS 440-448690/2-A	Lab Control Sample	Total/NA	Water	8015B	448690
LCSD 440-448690/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	448690

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

GC Semi VOA (Continued)

Prep Batch: 448949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	3546	
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	3546	
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	3546	
MB 440-448949/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-448949/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199024-G-1-F MS	Matrix Spike	Total/NA	Solid	3546	
440-199024-G-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 449223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	8082	448949
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	8082	448949
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	8082	448949
MB 440-448949/1-A	Method Blank	Total/NA	Solid	8082	448949
LCS 440-448949/2-A	Lab Control Sample	Total/NA	Solid	8082	448949
440-199024-G-1-F MS	Matrix Spike	Total/NA	Solid	8082	448949
440-199024-G-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	448949

Metals

Prep Batch: 448579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	7471A	
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	7471A	
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	7471A	
MB 440-448579/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 440-448579/2-A	Lab Control Sample	Total/NA	Solid	7471A	
440-199019-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	
440-199019-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Prep Batch: 448722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	3050B	
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	3050B	
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	3050B	
MB 440-448722/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448722/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198997-K-24-C MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-198997-K-24-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 448893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	6010B	448722
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	6010B	448722
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	6010B	448722
MB 440-448722/1-A ^5	Method Blank	Total/NA	Solid	6010B	448722
LCS 440-448722/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448722
440-198997-K-24-C MS ^5	Matrix Spike	Total/NA	Solid	6010B	448722
440-198997-K-24-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	448722

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Metals (Continued)

Prep Batch: 448965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total Recoverable	Water	3005A	
MB 440-448965/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 440-448965/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
440-198798-D-91-B MS	Matrix Spike	Total Recoverable	Water	3005A	
440-198798-D-91-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 448984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	7470A	
MB 440-448984/1-A	Method Blank	Total/NA	Water	7470A	
LCS 440-448984/2-A	Lab Control Sample	Total/NA	Water	7470A	
440-198787-H-8-D MS	Matrix Spike	Total/NA	Water	7470A	
440-198787-H-8-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 449054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-1	AOC4-B2-5.0	Total/NA	Solid	7471A	448579
440-199046-4	AOC4-B1-5.0	Total/NA	Solid	7471A	448579
440-199046-5	AOC4-B1-5.0 DUP	Total/NA	Solid	7471A	448579
MB 440-448579/1-A	Method Blank	Total/NA	Solid	7471A	448579
LCS 440-448579/2-A	Lab Control Sample	Total/NA	Solid	7471A	448579
440-199019-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	448579
440-199019-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	448579

Analysis Batch: 449139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total/NA	Water	7470A	448984
MB 440-448984/1-A	Method Blank	Total/NA	Water	7470A	448984
LCS 440-448984/2-A	Lab Control Sample	Total/NA	Water	7470A	448984
440-198787-H-8-D MS	Matrix Spike	Total/NA	Water	7470A	448984
440-198787-H-8-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	448984

Analysis Batch: 449164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199046-8	EB-2017-12-22	Total Recoverable	Water	6010B	448965
MB 440-448965/1-A	Method Blank	Total Recoverable	Water	6010B	448965
LCS 440-448965/2-A	Lab Control Sample	Total Recoverable	Water	6010B	448965
440-198798-D-91-B MS	Matrix Spike	Total Recoverable	Water	6010B	448965
440-198798-D-91-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010B	448965

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	ISTD response or retention time outside acceptable limits

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199046-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-199046-1

Login Number: 199046

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-207103-1

Client Project/Site: LAUSD Reseda H.S., CA

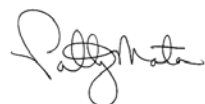
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

4/4/2018 10:57:37 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@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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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-207103-1	AOC4-SV10-5	Solid	03/26/18 08:15	03/26/18 18:40
440-207103-2	AOC4-SV10-15	Solid	03/26/18 08:50	03/26/18 18:40
440-207103-3	AOC4-SV9-5	Solid	03/26/18 09:10	03/26/18 18:40
440-207103-4	AOC4-SV9-15	Solid	03/26/18 09:45	03/26/18 18:40
440-207103-5	AOC4-SV9-15d	Solid	03/26/18 09:46	03/26/18 18:40
440-207103-6	AOC4-SV8-5	Solid	03/26/18 10:40	03/26/18 18:40
440-207103-7	AOC4-SV8-15	Solid	03/26/18 11:00	03/26/18 18:40
440-207103-8	AOC4-SV6-5	Solid	03/26/18 11:35	03/26/18 18:40
440-207103-9	AOC4-SV6-15	Solid	03/26/18 11:50	03/26/18 18:40
440-207103-10	F032618B	Water	03/26/18 12:00	03/26/18 18:40
440-207103-11	TB	Water	03/26/18 00:01	03/26/18 18:40

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Job ID: 440-207103-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-207103-1

Comments

No additional comments.

Receipt

The samples were received on 3/26/2018 6:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

GC/MS VOA

Method(s) 8260B: Internal standard (ISTD) 1,4-Dichlorobenzene-d4 response for the following sample was below the lower control limit: AOC4-SV9-5 (440-207103-3). The sample was re-extracted and/or re-analyzed with concurring results. Affected analytes would be potentially biased high, but all affected results were ND in the sample.

Method(s) 8260B: Internal standards (ISTD) 1,4-Dichlorobenzene-d4 and Chlorobenzene-d5 responses for the following sample were below the lower control limit: AOC4-SV6-5 (440-207103-8). The sample was re-extracted and/or re-analyzed with concurring results. Affected analytes would be potentially biased high.

Method(s) 8260B: Surrogate Toluene-d8 recovery for the following sample was above the upper control limit: AOC4-SV6-5 (440-207103-8). Re-extraction and/or re-analysis was performed with concurring results.

Method(s) 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 440-466784 recovered outside control limits for 1,2-Dibromo-3-Chloropropane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method(s) 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 440-467331 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-466303 and analytical batch 440-466390. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method(s) 8015B: The method blank for preparation batch 440-466419 and analytical batch 440-466582 contained ORO (C23-C40) above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-466355 and analytical batch 440-466565. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV10-5

Lab Sample ID: 440-207103-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.3		1.6	0.82	ug/Kg	1		8260B	Total/NA
2-Butanone (MEK)	6.1	J	8.2	4.1	ug/Kg	1		8260B	Total/NA
Ethylbenzene	1.5	J	1.6	0.82	ug/Kg	1		8260B	Total/NA
Naphthalene	1.7	J	4.1	1.6	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	1.2	J	1.6	0.82	ug/Kg	1		8260B	Total/NA
Toluene	2.9		1.6	0.82	ug/Kg	1		8260B	Total/NA
1,2,3-Trichlorobenzene	0.97	J	4.1	0.82	ug/Kg	1		8260B	Total/NA
ORO (C23-C40)	3.6	J B	4.9	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV10-15

Lab Sample ID: 440-207103-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3	J	1.6	0.82	ug/Kg	1		8260B	Total/NA
Toluene	1.2	J	1.6	0.82	ug/Kg	1		8260B	Total/NA

Client Sample ID: AOC4-SV9-5

Lab Sample ID: 440-207103-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.2		1.7	0.87	ug/Kg	1		8260B	Total/NA
Toluene	2.5		1.7	0.87	ug/Kg	1		8260B	Total/NA
ORO (C23-C40)	3.2	J B	5.0	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV9-15

Lab Sample ID: 440-207103-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.0	J	1.7	0.83	ug/Kg	1		8260B	Total/NA
Toluene	1.2	J	1.7	0.83	ug/Kg	1		8260B	Total/NA
ORO (C23-C40)	2.8	J B	4.9	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV9-15d

Lab Sample ID: 440-207103-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.97	J	1.8	0.91	ug/Kg	1		8260B	Total/NA

Client Sample ID: AOC4-SV8-5

Lab Sample ID: 440-207103-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.6		1.6	0.80	ug/Kg	1		8260B	Total/NA
Ethylbenzene	2.0		1.6	0.80	ug/Kg	1		8260B	Total/NA
Toluene	3.0		1.6	0.80	ug/Kg	1		8260B	Total/NA
ORO (C23-C40)	21	B	4.9	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV8-15

Lab Sample ID: 440-207103-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.7		1.7	0.85	ug/Kg	1		8260B	Total/NA
2-Butanone (MEK)	5.9	J	8.5	4.3	ug/Kg	1		8260B	Total/NA
Ethylbenzene	1.1	J	1.7	0.85	ug/Kg	1		8260B	Total/NA
Toluene	2.3		1.7	0.85	ug/Kg	1		8260B	Total/NA
ORO (C23-C40)	5.4	B	4.9	2.5	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV6-5

Lab Sample ID: 440-207103-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.2		1.9	0.94	ug/Kg	1		8260B	Total/NA
Ethylbenzene	1.3	J *	1.9	0.94	ug/Kg	1		8260B	Total/NA
Toluene	3.9	*	1.9	0.94	ug/Kg	1		8260B	Total/NA
ORO (C23-C40)	3.3	J B	4.9	2.4	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV6-15

Lab Sample ID: 440-207103-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.7	J	2.1	1.0	ug/Kg	1		8260B	Total/NA
Toluene	1.5	J	2.1	1.0	ug/Kg	1		8260B	Total/NA
ORO (C23-C40)	5.1	B	5.0	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: F032618B

Lab Sample ID: 440-207103-10

No Detections.

Client Sample ID: TB

Lab Sample ID: 440-207103-11

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV10-5

Lab Sample ID: 440-207103-1

Date Collected: 03/26/18 08:15

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.3		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Bromobenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Bromochloromethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Bromodichloromethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Bromoform	ND		4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
2-Butanone (MEK)	6.1	J	8.2	4.1	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Carbon tetrachloride	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Chlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Chloroethane	ND		4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Chloroform	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Chloromethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
2-Chlorotoluene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
4-Chlorotoluene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
cis-1,2-Dichloroethene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
cis-1,3-Dichloropropene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Dibromochloromethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2-Dibromo-3-Chloropropane	ND	*	4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2-Dibromoethane (EDB)	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Dibromomethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2-Dichlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,3-Dichlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,4-Dichlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Dichlorodifluoromethane	ND		4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,1-Dichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2-Dichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,1-Dichloroethene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2-Dichloropropane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,3-Dichloropropane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
2,2-Dichloropropane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,1-Dichloropropene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Ethylbenzene	1.5	J	1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Hexachlorobutadiene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Isopropylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Methylene Chloride	ND		16	4.1	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Methyl-t-Butyl Ether (MTBE)	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
m,p-Xylene	ND		3.3	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Naphthalene	1.7	J	4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
n-Butylbenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
N-Propylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
o-Xylene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
p-Isopropyltoluene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
sec-Butylbenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Styrene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
tert-Butylbenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,1,1,2-Tetrachloroethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Tetrachloroethene	1.2	J	1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Toluene	2.9		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
trans-1,2-Dichloroethene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV10-5

Lab Sample ID: 440-207103-1

Date Collected: 03/26/18 08:15

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2,3-Trichlorobenzene	0.97	J	4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2,4-Trichlorobenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,1,1-Trichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,1,2-Trichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Trichloroethene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Trichlorofluoromethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2,3-Trichloropropane	ND		8.2	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,2,4-Trimethylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
1,3,5-Trimethylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1
Vinyl chloride	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		74 - 124	03/29/18 09:20	03/29/18 10:22	1
Dibromofluoromethane (Surr)	109		80 - 135	03/29/18 09:20	03/29/18 10:22	1
Toluene-d8 (Surr)	113		80 - 122	03/29/18 09:20	03/29/18 10:22	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			03/30/18 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		65 - 140					03/30/18 21:01	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 14:32	1
ORO (C23-C40)	3.6	J B	4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 14:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	73		40 - 140				03/27/18 16:59	03/28/18 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:05	1
Aroclor 1221	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:05	1
Aroclor 1232	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:05	1
Aroclor 1242	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:05	1
Aroclor 1248	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:05	1
Aroclor 1254	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:05	1
Aroclor 1260	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	74		45 - 120				03/27/18 17:04	03/28/18 12:05	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV10-15

Lab Sample ID: 440-207103-2

Date Collected: 03/26/18 08:50

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.3	J	1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Bromobenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Bromochloromethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Bromodichloromethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Bromoform	ND		4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
2-Butanone (MEK)	ND		8.2	4.1	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Carbon tetrachloride	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Chlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Chloroethane	ND		4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Chloroform	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Chloromethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
2-Chlorotoluene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
4-Chlorotoluene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
cis-1,2-Dichloroethene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
cis-1,3-Dichloropropene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Dibromochloromethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2-Dibromo-3-Chloropropane	ND	*	4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2-Dibromoethane (EDB)	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Dibromomethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2-Dichlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,3-Dichlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,4-Dichlorobenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Dichlorodifluoromethane	ND		4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,1-Dichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2-Dichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,1-Dichloroethene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2-Dichloropropane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,3-Dichloropropane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
2,2-Dichloropropane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,1-Dichloropropene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Ethylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Hexachlorobutadiene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Isopropylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Methylene Chloride	ND		16	4.1	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Methyl-t-Butyl Ether (MTBE)	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
m,p-Xylene	ND		3.3	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Naphthalene	ND		4.1	1.6	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
n-Butylbenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
N-Propylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
o-Xylene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
p-Isopropyltoluene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
sec-Butylbenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Styrene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
tert-Butylbenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,1,1,2-Tetrachloroethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Tetrachloroethene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Toluene	1.2	J	1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
trans-1,2-Dichloroethene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV10-15

Lab Sample ID: 440-207103-2

Date Collected: 03/26/18 08:50

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2,3-Trichlorobenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2,4-Trichlorobenzene	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,1,1-Trichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,1,2-Trichloroethane	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Trichloroethene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Trichlorofluoromethane	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2,3-Trichloropropane	ND		8.2	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,2,4-Trimethylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
1,3,5-Trimethylbenzene	ND		1.6	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1
Vinyl chloride	ND		4.1	0.82	ug/Kg		03/29/18 09:20	03/29/18 10:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		74 - 124	03/29/18 09:20	03/29/18 10:50	1
Dibromofluoromethane (Surr)	109		80 - 135	03/29/18 09:20	03/29/18 10:50	1
Toluene-d8 (Surr)	107		80 - 122	03/29/18 09:20	03/29/18 10:50	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			03/30/18 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		65 - 140		03/30/18 22:22	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 12:11	1
ORO (C23-C40)	ND		4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	53		40 - 140	03/27/18 16:59	03/28/18 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:18	1
Aroclor 1221	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:18	1
Aroclor 1232	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:18	1
Aroclor 1242	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:18	1
Aroclor 1248	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:18	1
Aroclor 1254	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:18	1
Aroclor 1260	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	73		45 - 120	03/27/18 17:04	03/28/18 12:18	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV9-5

Lab Sample ID: 440-207103-3

Date Collected: 03/26/18 09:10

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.2		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Bromobenzene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Bromochloromethane	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Bromodichloromethane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Bromoform	ND		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
2-Butanone (MEK)	ND		8.7	4.3	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Carbon tetrachloride	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Chlorobenzene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Chloroethane	ND		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Chloroform	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Chloromethane	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
2-Chlorotoluene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
4-Chlorotoluene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
cis-1,2-Dichloroethene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
cis-1,3-Dichloropropene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Dibromochloromethane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2-Dibromo-3-Chloropropane	ND	*	4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2-Dibromoethane (EDB)	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Dibromomethane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2-Dichlorobenzene	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,3-Dichlorobenzene	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,4-Dichlorobenzene	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Dichlorodifluoromethane	ND		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,1-Dichloroethane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2-Dichloroethane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,1-Dichloroethene	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2-Dichloropropane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,3-Dichloropropane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
2,2-Dichloropropane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,1-Dichloropropene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Ethylbenzene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Hexachlorobutadiene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Isopropylbenzene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Methylene Chloride	ND		17	4.3	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Methyl-t-Butyl Ether (MTBE)	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
m,p-Xylene	ND		3.5	1.7	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Naphthalene	ND	*	4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
n-Butylbenzene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
N-Propylbenzene	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
o-Xylene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
p-Isopropyltoluene	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
sec-Butylbenzene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Styrene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
tert-Butylbenzene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,1,1,2-Tetrachloroethane	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,1,2,2-Tetrachloroethane	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Tetrachloroethene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Toluene	2.5		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
trans-1,2-Dichloroethene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV9-5

Lab Sample ID: 440-207103-3

Date Collected: 03/26/18 09:10

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2,3-Trichlorobenzene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2,4-Trichlorobenzene	ND	*	4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,1,1-Trichloroethane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,1,2-Trichloroethane	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Trichloroethene	ND		1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Trichlorofluoromethane	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2,3-Trichloropropane	ND	*	8.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,2,4-Trimethylbenzene	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
1,3,5-Trimethylbenzene	ND	*	1.7	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1
Vinyl chloride	ND		4.3	0.87	ug/Kg		03/29/18 09:20	03/29/18 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118	*	74 - 124	03/29/18 09:20	03/29/18 14:33	1
Dibromofluoromethane (Surr)	115		80 - 135	03/29/18 09:20	03/29/18 14:33	1
Toluene-d8 (Surr)	117		80 - 122	03/29/18 09:20	03/29/18 14:33	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg	-		03/30/18 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66		65 - 140					03/30/18 22:49	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		03/27/18 16:59	03/28/18 15:33	1
ORO (C23-C40)	3.2	J B	5.0	2.5	mg/Kg		03/27/18 16:59	03/28/18 15:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	50		40 - 140				03/27/18 16:59	03/28/18 15:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:32	1
Aroclor 1221	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:32	1
Aroclor 1232	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:32	1
Aroclor 1242	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:32	1
Aroclor 1248	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:32	1
Aroclor 1254	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:32	1
Aroclor 1260	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	85		45 - 120				03/27/18 17:04	03/28/18 12:32	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV9-15

Lab Sample ID: 440-207103-4

Date Collected: 03/26/18 09:45

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	J	1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Bromobenzene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Bromochloromethane	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Bromodichloromethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Bromoform	ND		4.2	1.7	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
2-Butanone (MEK)	ND		8.3	4.2	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Carbon tetrachloride	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Chlorobenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Chloroethane	ND		4.2	1.7	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Chloroform	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Chloromethane	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
2-Chlorotoluene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
4-Chlorotoluene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
cis-1,2-Dichloroethene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
cis-1,3-Dichloropropene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Dibromochloromethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2-Dibromo-3-Chloropropane	ND	*	4.2	1.7	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2-Dibromoethane (EDB)	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Dibromomethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2-Dichlorobenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,3-Dichlorobenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,4-Dichlorobenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Dichlorodifluoromethane	ND		4.2	1.7	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,1-Dichloroethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2-Dichloroethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,1-Dichloroethene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2-Dichloropropane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,3-Dichloropropane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
2,2-Dichloropropane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,1-Dichloropropene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Ethylbenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Hexachlorobutadiene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Isopropylbenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Methylene Chloride	ND		17	4.2	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Methyl-t-Butyl Ether (MTBE)	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
m,p-Xylene	ND		3.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Naphthalene	ND		4.2	1.7	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
n-Butylbenzene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
N-Propylbenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
o-Xylene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
p-Isopropyltoluene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
sec-Butylbenzene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Styrene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
tert-Butylbenzene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,1,1,2-Tetrachloroethane	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Tetrachloroethene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Toluene	1.2	J	1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
trans-1,2-Dichloroethene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV9-15

Lab Sample ID: 440-207103-4

Date Collected: 03/26/18 09:45

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2,3-Trichlorobenzene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2,4-Trichlorobenzene	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,1,1-Trichloroethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,1,2-Trichloroethane	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Trichloroethene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Trichlorofluoromethane	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2,3-Trichloropropane	ND		8.3	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,2,4-Trimethylbenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
1,3,5-Trimethylbenzene	ND		1.7	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1
Vinyl chloride	ND		4.2	0.83	ug/Kg		03/29/18 09:20	03/29/18 11:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		74 - 124	03/29/18 09:20	03/29/18 11:46	1
Dibromofluoromethane (Surr)	111		80 - 135	03/29/18 09:20	03/29/18 11:46	1
Toluene-d8 (Surr)	108		80 - 122	03/29/18 09:20	03/29/18 11:46	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			03/30/18 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		65 - 140		03/30/18 23:16	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 12:31	1
ORO (C23-C40)	2.8	J B	4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	75		40 - 140	03/27/18 16:59	03/28/18 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 12:45	1
Aroclor 1221	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 12:45	1
Aroclor 1232	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 12:45	1
Aroclor 1242	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 12:45	1
Aroclor 1248	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 12:45	1
Aroclor 1254	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 12:45	1
Aroclor 1260	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	91		45 - 120	03/27/18 17:04	03/28/18 12:45	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV9-15d

Lab Sample ID: 440-207103-5

Date Collected: 03/26/18 09:46

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.97	J	1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Bromobenzene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Bromochloromethane	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Bromodichloromethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Bromoform	ND		4.5	1.8	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
2-Butanone (MEK)	ND		9.1	4.5	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Carbon tetrachloride	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Chlorobenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Chloroethane	ND		4.5	1.8	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Chloroform	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Chloromethane	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
2-Chlorotoluene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
4-Chlorotoluene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
cis-1,2-Dichloroethene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
cis-1,3-Dichloropropene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Dibromochloromethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2-Dibromo-3-Chloropropane	ND *		4.5	1.8	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2-Dibromoethane (EDB)	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Dibromomethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2-Dichlorobenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,3-Dichlorobenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,4-Dichlorobenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Dichlorodifluoromethane	ND		4.5	1.8	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,1-Dichloroethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2-Dichloroethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,1-Dichloroethene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2-Dichloropropane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,3-Dichloropropane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
2,2-Dichloropropane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,1-Dichloropropene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Ethylbenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Hexachlorobutadiene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Isopropylbenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Methylene Chloride	ND		18	4.5	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Methyl-t-Butyl Ether (MTBE)	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
m,p-Xylene	ND		3.6	1.8	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Naphthalene	ND		4.5	1.8	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
n-Butylbenzene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
N-Propylbenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
o-Xylene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
p-Isopropyltoluene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
sec-Butylbenzene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Styrene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
tert-Butylbenzene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,1,1,2-Tetrachloroethane	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,1,2,2-Tetrachloroethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Tetrachloroethene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Toluene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
trans-1,2-Dichloroethene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV9-15d

Lab Sample ID: 440-207103-5

Date Collected: 03/26/18 09:46

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2,3-Trichlorobenzene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2,4-Trichlorobenzene	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,1,1-Trichloroethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,1,2-Trichloroethane	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Trichloroethene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Trichlorofluoromethane	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2,3-Trichloropropane	ND		9.1	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,2,4-Trimethylbenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
1,3,5-Trimethylbenzene	ND		1.8	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1
Vinyl chloride	ND		4.5	0.91	ug/Kg		03/29/18 09:20	03/29/18 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		74 - 124	03/29/18 09:20	03/29/18 15:00	1
Dibromofluoromethane (Surr)	113		80 - 135	03/29/18 09:20	03/29/18 15:00	1
Toluene-d8 (Surr)	108		80 - 122	03/29/18 09:20	03/29/18 15:00	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390	150	ug/Kg			03/30/18 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		65 - 140		03/30/18 23:44	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.4	mg/Kg		03/27/18 16:59	03/28/18 12:51	1
ORO (C23-C40)	ND		4.9	2.4	mg/Kg		03/27/18 16:59	03/28/18 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	62		40 - 140	03/27/18 16:59	03/28/18 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:59	1
Aroclor 1221	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:59	1
Aroclor 1232	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:59	1
Aroclor 1242	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:59	1
Aroclor 1248	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:59	1
Aroclor 1254	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:59	1
Aroclor 1260	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	78		45 - 120	03/27/18 17:04	03/28/18 12:59	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV8-5

Lab Sample ID: 440-207103-6

Date Collected: 03/26/18 10:40

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.6		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Bromobenzene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Bromochloromethane	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Bromodichloromethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Bromoform	ND		4.0	1.6	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
2-Butanone (MEK)	ND		8.0	4.0	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Carbon tetrachloride	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Chlorobenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Chloroethane	ND		4.0	1.6	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Chloroform	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Chloromethane	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
2-Chlorotoluene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
4-Chlorotoluene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
cis-1,2-Dichloroethene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
cis-1,3-Dichloropropene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Dibromochloromethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2-Dibromo-3-Chloropropane	ND *		4.0	1.6	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2-Dibromoethane (EDB)	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Dibromomethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2-Dichlorobenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,3-Dichlorobenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,4-Dichlorobenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Dichlorodifluoromethane	ND		4.0	1.6	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,1-Dichloroethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2-Dichloroethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,1-Dichloroethene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2-Dichloropropane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,3-Dichloropropane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
2,2-Dichloropropane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,1-Dichloropropene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Ethylbenzene	2.0		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Hexachlorobutadiene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Isopropylbenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Methylene Chloride	ND		16	4.0	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Methyl-t-Butyl Ether (MTBE)	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
m,p-Xylene	ND		3.2	1.6	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Naphthalene	ND		4.0	1.6	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
n-Butylbenzene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
N-Propylbenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
o-Xylene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
p-Isopropyltoluene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
sec-Butylbenzene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Styrene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
tert-Butylbenzene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,1,1,2-Tetrachloroethane	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Tetrachloroethene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Toluene	3.0		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
trans-1,2-Dichloroethene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV8-5

Lab Sample ID: 440-207103-6

Date Collected: 03/26/18 10:40

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2,3-Trichlorobenzene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2,4-Trichlorobenzene	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,1,1-Trichloroethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,1,2-Trichloroethane	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Trichloroethene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Trichlorofluoromethane	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2,3-Trichloropropane	ND		8.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,2,4-Trimethylbenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
1,3,5-Trimethylbenzene	ND		1.6	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1
Vinyl chloride	ND		4.0	0.80	ug/Kg		03/29/18 09:20	03/29/18 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		74 - 124	03/29/18 09:20	03/29/18 12:42	1
Dibromofluoromethane (Surr)	110		80 - 135	03/29/18 09:20	03/29/18 12:42	1
Toluene-d8 (Surr)	106		80 - 122	03/29/18 09:20	03/29/18 12:42	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			03/31/18 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		65 - 140		03/31/18 00:11	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 16:13	1
ORO (C23-C40)	21	B	4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	77		40 - 140	03/27/18 16:59	03/28/18 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 13:12	1
Aroclor 1221	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 13:12	1
Aroclor 1232	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 13:12	1
Aroclor 1242	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 13:12	1
Aroclor 1248	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 13:12	1
Aroclor 1254	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 13:12	1
Aroclor 1260	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		45 - 120	03/27/18 17:04	03/28/18 13:12	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV8-15

Lab Sample ID: 440-207103-7

Date Collected: 03/26/18 11:00

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.7		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Bromobenzene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Bromochloromethane	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Bromodichloromethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Bromoform	ND		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
2-Butanone (MEK)	5.9 J		8.5	4.3	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Carbon tetrachloride	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Chlorobenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Chloroethane	ND		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Chloroform	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Chloromethane	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
2-Chlorotoluene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
4-Chlorotoluene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
cis-1,2-Dichloroethene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
cis-1,3-Dichloropropene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Dibromochloromethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2-Dibromo-3-Chloropropane	ND *		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2-Dibromoethane (EDB)	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Dibromomethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2-Dichlorobenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,3-Dichlorobenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,4-Dichlorobenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Dichlorodifluoromethane	ND		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,1-Dichloroethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2-Dichloroethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,1-Dichloroethene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2-Dichloropropane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,3-Dichloropropane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
2,2-Dichloropropane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,1-Dichloropropene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Ethylbenzene	1.1 J		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Hexachlorobutadiene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Isopropylbenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Methylene Chloride	ND		17	4.3	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Methyl-t-Butyl Ether (MTBE)	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
m,p-Xylene	ND		3.4	1.7	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Naphthalene	ND		4.3	1.7	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
n-Butylbenzene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
N-Propylbenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
o-Xylene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
p-Isopropyltoluene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
sec-Butylbenzene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Styrene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
tert-Butylbenzene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,1,1,2-Tetrachloroethane	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Tetrachloroethene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Toluene	2.3		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
trans-1,2-Dichloroethene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV8-15

Lab Sample ID: 440-207103-7

Date Collected: 03/26/18 11:00

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2,3-Trichlorobenzene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2,4-Trichlorobenzene	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,1,1-Trichloroethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,1,2-Trichloroethane	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Trichloroethene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Trichlorofluoromethane	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2,3-Trichloropropane	ND		8.5	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,2,4-Trimethylbenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
1,3,5-Trimethylbenzene	ND		1.7	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1
Vinyl chloride	ND		4.3	0.85	ug/Kg		03/29/18 09:20	03/29/18 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		74 - 124	03/29/18 09:20	03/29/18 15:28	1
Dibromofluoromethane (Surr)	109		80 - 135	03/29/18 09:20	03/29/18 15:28	1
Toluene-d8 (Surr)	112		80 - 122	03/29/18 09:20	03/29/18 15:28	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg	-		03/31/18 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67		65 - 140					03/31/18 00:38	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 15:53	1
ORO (C23-C40)	5.4	B	4.9	2.5	mg/Kg		03/27/18 16:59	03/28/18 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	70		40 - 140				03/27/18 16:59	03/28/18 15:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:25	1
Aroclor 1221	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:25	1
Aroclor 1232	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:25	1
Aroclor 1242	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:25	1
Aroclor 1248	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:25	1
Aroclor 1254	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:25	1
Aroclor 1260	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	83		45 - 120				03/27/18 17:04	03/28/18 13:25	

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV6-5

Lab Sample ID: 440-207103-8

Date Collected: 03/26/18 11:35

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.2		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Bromobenzene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Bromochloromethane	ND		4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Bromodichloromethane	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Bromoform	ND	*	4.7	1.9	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
2-Butanone (MEK)	ND		9.4	4.7	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Carbon tetrachloride	ND		4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Chlorobenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Chloroethane	ND		4.7	1.9	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Chloroform	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Chloromethane	ND		4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
2-Chlorotoluene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
4-Chlorotoluene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
cis-1,2-Dichloroethene	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
cis-1,3-Dichloropropene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Dibromochloromethane	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2-Dibromo-3-Chloropropane	ND	*	4.7	1.9	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2-Dibromoethane (EDB)	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Dibromomethane	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2-Dichlorobenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,3-Dichlorobenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,4-Dichlorobenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Dichlorodifluoromethane	ND		4.7	1.9	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,1-Dichloroethane	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2-Dichloroethane	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,1-Dichloroethene	ND		4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2-Dichloropropane	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,3-Dichloropropane	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
2,2-Dichloropropane	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,1-Dichloropropene	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Ethylbenzene	1.3	J *	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Hexachlorobutadiene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Isopropylbenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Methylene Chloride	ND		19	4.7	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Methyl-t-Butyl Ether (MTBE)	ND		4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
m,p-Xylene	ND	*	3.7	1.9	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Naphthalene	ND	*	4.7	1.9	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
n-Butylbenzene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
N-Propylbenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
o-Xylene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
p-Isopropyltoluene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
sec-Butylbenzene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Styrene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
tert-Butylbenzene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,1,1,2-Tetrachloroethane	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,1,2,2-Tetrachloroethane	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Tetrachloroethene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Toluene	3.9	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
trans-1,2-Dichloroethene	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV6-5

Lab Sample ID: 440-207103-8

Date Collected: 03/26/18 11:35

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2,3-Trichlorobenzene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2,4-Trichlorobenzene	ND	*	4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,1,1-Trichloroethane	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,1,2-Trichloroethane	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Trichloroethene	ND		1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Trichlorofluoromethane	ND		4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2,3-Trichloropropane	ND	*	9.4	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,2,4-Trimethylbenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
1,3,5-Trimethylbenzene	ND	*	1.9	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1
Vinyl chloride	ND		4.7	0.94	ug/Kg		03/29/18 09:20	03/29/18 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118	*	74 - 124	03/29/18 09:20	03/29/18 15:56	1
Dibromofluoromethane (Surr)	111		80 - 135	03/29/18 09:20	03/29/18 15:56	1
Toluene-d8 (Surr)	124	* X	80 - 122	03/29/18 09:20	03/29/18 15:56	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND	F1	400	150	ug/Kg			03/31/18 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		65 - 140		03/31/18 17:39	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.4	mg/Kg		03/27/18 16:59	03/28/18 15:13	1
ORO (C23-C40)	3.3	J B	4.9	2.4	mg/Kg		03/27/18 16:59	03/28/18 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	64		40 - 140	03/27/18 16:59	03/28/18 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:39	1
Aroclor 1221	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:39	1
Aroclor 1232	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:39	1
Aroclor 1242	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:39	1
Aroclor 1248	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:39	1
Aroclor 1254	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:39	1
Aroclor 1260	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	80		45 - 120	03/27/18 17:04	03/28/18 13:39	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV6-15

Lab Sample ID: 440-207103-9

Date Collected: 03/26/18 11:50

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.7	J	2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Bromobenzene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Bromochloromethane	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Bromodichloromethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Bromoform	ND		5.2	2.1	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
2-Butanone (MEK)	ND		10	5.2	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Carbon tetrachloride	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Chlorobenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Chloroethane	ND		5.2	2.1	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Chloroform	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Chloromethane	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
2-Chlorotoluene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
4-Chlorotoluene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
cis-1,2-Dichloroethene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
cis-1,3-Dichloropropene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Dibromochloromethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2-Dibromo-3-Chloropropane	ND	*	5.2	2.1	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2-Dibromoethane (EDB)	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Dibromomethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2-Dichlorobenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,3-Dichlorobenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,4-Dichlorobenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Dichlorodifluoromethane	ND		5.2	2.1	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,1-Dichloroethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2-Dichloroethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,1-Dichloroethene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2-Dichloropropane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,3-Dichloropropane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
2,2-Dichloropropane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,1-Dichloropropene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Ethylbenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Hexachlorobutadiene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Isopropylbenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Methylene Chloride	ND		2.1	5.2	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
m,p-Xylene	ND		4.2	2.1	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Naphthalene	ND		5.2	2.1	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
n-Butylbenzene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
N-Propylbenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
o-Xylene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
p-Isopropyltoluene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
sec-Butylbenzene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Styrene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
tert-Butylbenzene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,1,1,2-Tetrachloroethane	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,1,2,2-Tetrachloroethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Tetrachloroethene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Toluene	1.5	J	2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
trans-1,2-Dichloroethene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV6-15

Lab Sample ID: 440-207103-9

Date Collected: 03/26/18 11:50

Matrix: Solid

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2,3-Trichlorobenzene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2,4-Trichlorobenzene	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,1,1-Trichloroethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,1,2-Trichloroethane	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Trichloroethene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Trichlorofluoromethane	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2,3-Trichloropropane	ND		10	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,2,4-Trimethylbenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
1,3,5-Trimethylbenzene	ND		2.1	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1
Vinyl chloride	ND		5.2	1.0	ug/Kg		03/29/18 09:20	03/29/18 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		74 - 124	03/29/18 09:20	03/29/18 16:24	1
Dibromofluoromethane (Surr)	112		80 - 135	03/29/18 09:20	03/29/18 16:24	1
Toluene-d8 (Surr)	105		80 - 122	03/29/18 09:20	03/29/18 16:24	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			03/31/18 02:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		65 - 140		03/31/18 02:26	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		03/27/18 16:59	03/28/18 11:31	1
ORO (C23-C40)	5.1	B	5.0	2.5	mg/Kg		03/27/18 16:59	03/28/18 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	64		40 - 140	03/27/18 16:59	03/28/18 11:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:52	1
Aroclor 1221	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:52	1
Aroclor 1232	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:52	1
Aroclor 1242	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:52	1
Aroclor 1248	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:52	1
Aroclor 1254	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:52	1
Aroclor 1260	ND		49	17	ug/Kg		03/27/18 17:04	03/28/18 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	50		45 - 120	03/27/18 17:04	03/28/18 13:52	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: F032618B

Lab Sample ID: 440-207103-10

Date Collected: 03/26/18 12:00

Matrix: Water

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Bromobenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Bromochloromethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Bromodichloromethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Bromoform	ND		1.0	0.40	ug/L			03/28/18 23:40	1
Bromomethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			03/28/18 23:40	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Chlorobenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Chloroethane	ND		1.0	0.40	ug/L			03/28/18 23:40	1
Chloroform	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Chloromethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Dibromochloromethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			03/28/18 23:40	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Dibromomethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			03/28/18 23:40	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			03/28/18 23:40	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Ethylbenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Isopropylbenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Methylene Chloride	ND		2.0	0.88	ug/L			03/28/18 23:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			03/28/18 23:40	1
m,p-Xylene	ND		1.0	0.50	ug/L			03/28/18 23:40	1
Naphthalene	ND		1.0	0.40	ug/L			03/28/18 23:40	1
n-Butylbenzene	ND		1.0	0.40	ug/L			03/28/18 23:40	1
N-Propylbenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
o-Xylene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Styrene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Tetrachloroethene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Toluene	ND		0.50	0.25	ug/L			03/28/18 23:40	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: F032618B

Lab Sample ID: 440-207103-10

Date Collected: 03/26/18 12:00

Matrix: Water

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			03/28/18 23:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			03/28/18 23:40	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Trichloroethene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			03/28/18 23:40	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			03/28/18 23:40	1
Vinyl chloride	ND		0.50	0.25	ug/L			03/28/18 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120		03/28/18 23:40	1
Dibromofluoromethane (Surr)	98		76 - 132		03/28/18 23:40	1
Toluene-d8 (Surr)	103		80 - 128		03/28/18 23:40	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50	25	ug/L			03/31/18 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		65 - 140		03/31/18 16:22	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		0.52	0.26	mg/L		03/27/18 11:02	03/28/18 00:01	1
ORO (C23-C40)	ND		0.52	0.26	mg/L		03/27/18 11:02	03/28/18 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	69		45 - 120	03/27/18 11:02	03/28/18 00:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.1	0.54	ug/L		03/27/18 13:38	03/28/18 13:41	1
Aroclor 1221	ND		1.1	0.54	ug/L		03/27/18 13:38	03/28/18 13:41	1
Aroclor 1232	ND		1.1	0.54	ug/L		03/27/18 13:38	03/28/18 13:41	1
Aroclor 1242	ND		1.1	0.54	ug/L		03/27/18 13:38	03/28/18 13:41	1
Aroclor 1248	ND		1.1	0.54	ug/L		03/27/18 13:38	03/28/18 13:41	1
Aroclor 1254	ND		1.1	0.54	ug/L		03/27/18 13:38	03/28/18 13:41	1
Aroclor 1260	ND		1.1	0.54	ug/L		03/27/18 13:38	03/28/18 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	61		26 - 115	03/27/18 13:38	03/28/18 13:41	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: TB

Lab Sample ID: 440-207103-11

Date Collected: 03/26/18 00:01

Matrix: Water

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Bromobenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Bromochloromethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Bromodichloromethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Bromoform	ND		1.0	0.40	ug/L			03/29/18 00:07	1
Bromomethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			03/29/18 00:07	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Chlorobenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Chloroethane	ND		1.0	0.40	ug/L			03/29/18 00:07	1
Chloroform	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Chloromethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Dibromochloromethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			03/29/18 00:07	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Dibromomethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			03/29/18 00:07	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			03/29/18 00:07	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Ethylbenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Isopropylbenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Methylene Chloride	ND		2.0	0.88	ug/L			03/29/18 00:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			03/29/18 00:07	1
m,p-Xylene	ND		1.0	0.50	ug/L			03/29/18 00:07	1
Naphthalene	ND		1.0	0.40	ug/L			03/29/18 00:07	1
n-Butylbenzene	ND		1.0	0.40	ug/L			03/29/18 00:07	1
N-Propylbenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
o-Xylene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Styrene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Tetrachloroethene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Toluene	ND		0.50	0.25	ug/L			03/29/18 00:07	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: TB

Lab Sample ID: 440-207103-11

Date Collected: 03/26/18 00:01

Matrix: Water

Date Received: 03/26/18 18:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			03/29/18 00:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			03/29/18 00:07	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Trichloroethene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			03/29/18 00:07	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Vinyl chloride	ND		0.50	0.25	ug/L			03/29/18 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		80 - 120					03/29/18 00:07	1
Dibromofluoromethane (Surr)	102		76 - 132					03/29/18 00:07	1
Toluene-d8 (Surr)	101		80 - 128					03/29/18 00:07	1

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (74-124)	DBFM (80-135)	TOL (80-122)
440-207103-1	AOC4-SV10-5	114	109	113
440-207103-2	AOC4-SV10-15	104	109	107
440-207103-3	AOC4-SV9-5	118 *	115	117
440-207103-4	AOC4-SV9-15	108	111	108
440-207103-5	AOC4-SV9-15d	108	113	108
440-207103-6	AOC4-SV8-5	110	110	106
440-207103-7	AOC4-SV8-15	107	109	112
440-207103-8	AOC4-SV6-5	118 *	111	124 * X
440-207103-9	AOC4-SV6-15	97	112	105
LCS 440-466784/6	Lab Control Sample	101	107	102
LCSD 440-466784/7	Lab Control Sample Dup	105	107	99
MB 440-466784/4	Method Blank	101	107	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (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)		
		BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-207096-B-2 MS	Matrix Spike	91	99	101
440-207096-B-2 MSD	Matrix Spike Duplicate	91	101	97
440-207103-10	F032618B	94	98	103
440-207103-11	TB	93	102	101
LCS 440-466712/5	Lab Control Sample	90	99	97
MB 440-466712/4	Method Blank	92	99	105

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB1 (65-140)		
440-207103-1	AOC4-SV10-5	84		
440-207103-1 MS	AOC4-SV10-5	92		
440-207103-1 MSD	AOC4-SV10-5	84		
440-207103-2	AOC4-SV10-15	84		
440-207103-3	AOC4-SV9-5	66		
440-207103-4	AOC4-SV9-15	80		
440-207103-5	AOC4-SV9-15d	79		
440-207103-6	AOC4-SV8-5	76		

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-207103-7	AOC4-SV8-15	67
440-207103-8	AOC4-SV6-5	80
440-207103-8 MS	AOC4-SV6-5	91
440-207103-8 MSD	AOC4-SV6-5	85
440-207103-9	AOC4-SV6-15	73
LCS 440-467099/51	Lab Control Sample	107
LCS 440-467331/3	Lab Control Sample	118
LCSD 440-467099/52	Lab Control Sample Dup	101
LCSD 440-467331/4	Lab Control Sample Dup	109
MB 440-467099/25	Method Blank	72
MB 440-467331/5	Method Blank	96
Surrogate Legend		
BFB = 4-Bromofluorobenzene (Surr)		

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-207103-10	F032618B	85
440-207427-C-1 MS	Matrix Spike	109
440-207427-C-1 MSD	Matrix Spike Duplicate	105
LCS 440-467176/4	Lab Control Sample	100
MB 440-467176/5	Method Blank	96
Surrogate Legend		
BFB = 4-Bromofluorobenzene (Surr)		

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTCN1 (40-140)
440-207103-1	AOC4-SV10-5	73
440-207103-1 MS	AOC4-SV10-5	56
440-207103-1 MSD	AOC4-SV10-5	54
440-207103-2	AOC4-SV10-15	53
440-207103-3	AOC4-SV9-5	50
440-207103-4	AOC4-SV9-15	75
440-207103-5	AOC4-SV9-15d	62
440-207103-6	AOC4-SV8-5	77
440-207103-7	AOC4-SV8-15	70
440-207103-8	AOC4-SV6-5	64
440-207103-9	AOC4-SV6-15	64
LCS 440-466419/2-A	Lab Control Sample	81
MB 440-466419/1-A	Method Blank	80

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Surrogate Legend

OTCN = n-Octacosane

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-207103-10	F032618B	69
LCS 440-466303/2-A	Lab Control Sample	55
LCSD 440-466303/3-A	Lab Control Sample Dup	60
MB 440-466303/1-A	Method Blank	60

Surrogate Legend

OTCN = n-Octacosane

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	DCB2 (45-120)
440-207103-1	AOC4-SV10-5	74
440-207103-1 MS	AOC4-SV10-5	69
440-207103-1 MSD	AOC4-SV10-5	76
440-207103-2	AOC4-SV10-15	73
440-207103-3	AOC4-SV9-5	85
440-207103-4	AOC4-SV9-15	91
440-207103-5	AOC4-SV9-15d	78
440-207103-6	AOC4-SV8-5	65
440-207103-7	AOC4-SV8-15	83
440-207103-8	AOC4-SV6-5	80
440-207103-9	AOC4-SV6-15	50
LCS 440-466422/2-A	Lab Control Sample	92
MB 440-466422/1-A	Method Blank	104

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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	DCB2 (26-115)
440-207103-10	F032618B	61
LCS 440-466355/2-A	Lab Control Sample	65
LCSD 440-466355/3-A	Lab Control Sample Dup	67
MB 440-466355/1-A	Method Blank	73

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV10-5

Date Collected: 03/26/18 08:15

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.101 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 10:22	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.06 g	10 mL	467099	03/30/18 21:01	KGL	TAL IRV
Total/NA	Prep	3546			15.29 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 14:32	LMB	TAL IRV
Total/NA	Prep	3546			15.19 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 12:05	JM	TAL IRV

Client Sample ID: AOC4-SV10-15

Date Collected: 03/26/18 08:50

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.071 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 10:50	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5 g	10 mL	467099	03/30/18 22:22	KGL	TAL IRV
Total/NA	Prep	3546			15.17 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 12:11	LMB	TAL IRV
Total/NA	Prep	3546			15.18 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 12:18	JM	TAL IRV

Client Sample ID: AOC4-SV9-5

Date Collected: 03/26/18 09:10

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.749 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 14:33	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5 g	10 mL	467099	03/30/18 22:49	KGL	TAL IRV
Total/NA	Prep	3546			15.11 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 15:33	LMB	TAL IRV
Total/NA	Prep	3546			15.16 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 12:32	JM	TAL IRV

Client Sample ID: AOC4-SV9-15

Date Collected: 03/26/18 09:45

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.004 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 11:46	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.01 g	10 mL	467099	03/30/18 23:16	KGL	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV9-15

Date Collected: 03/26/18 09:45

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.20 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 12:31	LMB	TAL IRV
Total/NA	Prep	3546			15.08 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 12:45	JM	TAL IRV

Client Sample ID: AOC4-SV9-15d

Date Collected: 03/26/18 09:46

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.516 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 15:00	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.07 g	10 mL	467099	03/30/18 23:44	KGL	TAL IRV
Total/NA	Prep	3546			15.39 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 12:51	LMB	TAL IRV
Total/NA	Prep	3546			15.40 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 12:59	JM	TAL IRV

Client Sample ID: AOC4-SV8-5

Date Collected: 03/26/18 10:40

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.26 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 12:42	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.03 g	10 mL	467099	03/31/18 00:11	KGL	TAL IRV
Total/NA	Prep	3546			15.18 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 16:13	LMB	TAL IRV
Total/NA	Prep	3546			15.04 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 13:12	JM	TAL IRV

Client Sample ID: AOC4-SV8-15

Date Collected: 03/26/18 11:00

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.868 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 15:28	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.02 g	10 mL	467099	03/31/18 00:38	KGL	TAL IRV
Total/NA	Prep	3546			15.22 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 15:53	LMB	TAL IRV
Total/NA	Prep	3546			15.45 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 13:25	JM	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Client Sample ID: AOC4-SV6-5

Date Collected: 03/26/18 11:35

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.342 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 15:56	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.03 g	10 mL	467331	03/31/18 17:39	TCN	TAL IRV
Total/NA	Prep	3546			15.39 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466582	03/28/18 15:13	LMB	TAL IRV
Total/NA	Prep	3546			15.45 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 13:39	JM	TAL IRV

Client Sample ID: AOC4-SV6-15

Date Collected: 03/26/18 11:50

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.772 g	10 mL	466828	03/29/18 09:20	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	466784	03/29/18 16:24	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.01 g	10 mL	467099	03/31/18 02:26	KGL	TAL IRV
Total/NA	Prep	3546			15.10 g	1 mL	466419	03/27/18 16:59	VA	TAL IRV
Total/NA	Analysis	8015B		1			466581	03/28/18 11:31	LMB	TAL IRV
Total/NA	Prep	3546			15.31 g	2 mL	466422	03/27/18 17:04	VA	TAL IRV
Total/NA	Analysis	8082		1			466277	03/28/18 13:52	JM	TAL IRV

Client Sample ID: F032618B

Date Collected: 03/26/18 12:00

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-10

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	10 mL	10 mL	466712	03/28/18 23:40	AA	TAL IRV
Total/NA	Analysis	8015B		1	10 mL	10 mL	467176	03/31/18 16:22	TCN	TAL IRV
Total/NA	Prep	3510C			240 mL	1 mL	466303	03/27/18 11:02	SMF	TAL IRV
Total/NA	Analysis	8015B		1			466390	03/28/18 00:01	AMH	TAL IRV
Total/NA	Prep	3510C			230 mL	2 mL	466355	03/27/18 13:38	SMF	TAL IRV
Total/NA	Analysis	8082		1	1 mL	1.0 mL	466565	03/28/18 13:41	JM	TAL IRV

Client Sample ID: TB

Date Collected: 03/26/18 00:01

Date Received: 03/26/18 18:40

Lab Sample ID: 440-207103-11

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	10 mL	10 mL	466712	03/29/18 00:07	AA	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: MB 440-466712/4

Matrix: Water

Analysis Batch: 466712

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Bromobenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Bromochloromethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Bromodichloromethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Bromoform	ND		1.0	0.40	ug/L			03/28/18 19:16	1
Bromomethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			03/28/18 19:16	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Chlorobenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Chloroethane	ND		1.0	0.40	ug/L			03/28/18 19:16	1
Chloroform	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Chloromethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Dibromochloromethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			03/28/18 19:16	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Dibromomethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			03/28/18 19:16	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			03/28/18 19:16	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Ethylbenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Isopropylbenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Methylene Chloride	ND		2.0	0.88	ug/L			03/28/18 19:16	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			03/28/18 19:16	1
m,p-Xylene	ND		1.0	0.50	ug/L			03/28/18 19:16	1
Naphthalene	ND		1.0	0.40	ug/L			03/28/18 19:16	1
n-Butylbenzene	ND		1.0	0.40	ug/L			03/28/18 19:16	1
N-Propylbenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
o-Xylene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Styrene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Tetrachloroethene	ND		0.50	0.25	ug/L			03/28/18 19:16	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: MB 440-466712/4

Matrix: Water

Analysis Batch: 466712

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			03/28/18 19:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			03/28/18 19:16	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Trichloroethene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			03/28/18 19:16	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			03/28/18 19:16	1
Vinyl chloride	ND		0.50	0.25	ug/L			03/28/18 19:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		80 - 120		03/28/18 19:16	1
Dibromofluoromethane (Surr)	99		76 - 132		03/28/18 19:16	1
Toluene-d8 (Surr)	105		80 - 128		03/28/18 19:16	1

Lab Sample ID: LCS 440-466712/5

Matrix: Water

Analysis Batch: 466712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	23.2		ug/L		93	68 - 130
Bromobenzene	25.0	23.6		ug/L		94	70 - 130
Bromochloromethane	25.0	24.2		ug/L		97	70 - 130
Bromodichloromethane	25.0	23.7		ug/L		95	70 - 132
Bromoform	25.0	23.6		ug/L		94	60 - 148
Bromomethane	25.0	21.0		ug/L		84	64 - 139
2-Butanone (MEK)	25.0	21.8		ug/L		87	44 - 150
Carbon tetrachloride	25.0	25.9		ug/L		104	60 - 150
Chlorobenzene	25.0	23.4		ug/L		93	70 - 130
Chloroethane	25.0	21.3		ug/L		85	64 - 135
Chloroform	25.0	23.4		ug/L		93	70 - 130
Chloromethane	25.0	19.9		ug/L		80	47 - 140
2-Chlorotoluene	25.0	24.1		ug/L		96	70 - 130
4-Chlorotoluene	25.0	23.9		ug/L		96	70 - 130
cis-1,2-Dichloroethene	25.0	22.6		ug/L		90	70 - 133
cis-1,3-Dichloropropene	25.0	23.4		ug/L		93	70 - 133
Dibromochloromethane	25.0	24.2		ug/L		97	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	52 - 140
1,2-Dibromoethane (EDB)	25.0	22.0		ug/L		88	70 - 130
Dibromomethane	25.0	24.1		ug/L		96	70 - 130
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130
1,4-Dichlorobenzene	25.0	24.9		ug/L		99	70 - 130
Dichlorodifluoromethane	25.0	18.7		ug/L		75	29 - 150

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: LCS 440-466712/5

Matrix: Water

Analysis Batch: 466712

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	25.0	23.1		ug/L		92	64 - 130
1,2-Dichloroethane	25.0	23.9		ug/L		95	57 - 138
1,1-Dichloroethene	25.0	21.5		ug/L		86	70 - 130
1,2-Dichloropropane	25.0	22.8		ug/L		91	67 - 130
1,3-Dichloropropane	25.0	21.6		ug/L		86	70 - 130
2,2-Dichloropropane	25.0	25.6		ug/L		103	68 - 141
1,1-Dichloropropene	25.0	24.2		ug/L		97	70 - 130
Ethylbenzene	25.0	24.6		ug/L		98	70 - 130
Hexachlorobutadiene	25.0	26.1		ug/L		105	10 - 150
Isopropylbenzene	25.0	24.8		ug/L		99	70 - 136
Methylene Chloride	25.0	20.4		ug/L		81	52 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	21.0		ug/L		84	63 - 131
m,p-Xylene	25.0	24.1		ug/L		96	70 - 130
Naphthalene	25.0	25.3		ug/L		101	60 - 140
n-Butylbenzene	25.0	25.4		ug/L		101	65 - 150
N-Propylbenzene	25.0	24.9		ug/L		100	67 - 139
o-Xylene	25.0	23.7		ug/L		95	70 - 130
p-Isopropyltoluene	25.0	23.7		ug/L		95	70 - 132
sec-Butylbenzene	25.0	24.8		ug/L		99	70 - 138
Styrene	25.0	23.8		ug/L		95	70 - 134
tert-Butylbenzene	25.0	24.2		ug/L		97	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.6		ug/L		98	60 - 141
1,1,2,2-Tetrachloroethane	25.0	21.7		ug/L		87	63 - 130
Tetrachloroethene	25.0	26.0		ug/L		104	70 - 130
Toluene	25.0	24.9		ug/L		100	70 - 130
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	70 - 130
trans-1,3-Dichloropropene	25.0	22.1		ug/L		88	70 - 132
1,2,3-Trichlorobenzene	25.0	25.9		ug/L		104	60 - 140
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	60 - 140
1,1,1-Trichloroethane	25.0	24.5		ug/L		98	70 - 130
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	70 - 130
Trichloroethene	25.0	25.3		ug/L		101	70 - 130
Trichlorofluoromethane	25.0	25.1		ug/L		101	60 - 150
1,2,3-Trichloropropane	25.0	22.5		ug/L		90	63 - 130
1,2,4-Trimethylbenzene	25.0	24.7		ug/L		99	70 - 135
1,3,5-Trimethylbenzene	25.0	24.9		ug/L		99	70 - 136
Vinyl chloride	25.0	20.4		ug/L		81	59 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		80 - 120
Dibromofluoromethane (Surr)	99		76 - 132
Toluene-d8 (Surr)	97		80 - 128

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: 440-207096-B-2 MS

Matrix: Water

Analysis Batch: 466712

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	23.4		ug/L		93	66 - 130
Bromobenzene	ND		25.0	23.3		ug/L		93	70 - 130
Bromochloromethane	ND		25.0	24.3		ug/L		97	70 - 130
Bromodichloromethane	ND		25.0	24.2		ug/L		97	70 - 138
Bromoform	ND		25.0	24.5		ug/L		98	59 - 150
Bromomethane	ND		25.0	21.1		ug/L		85	62 - 131
2-Butanone (MEK)	ND		25.0	21.8		ug/L		87	48 - 140
Carbon tetrachloride	ND		25.0	25.7		ug/L		103	60 - 150
Chlorobenzene	ND		25.0	24.4		ug/L		98	70 - 130
Chloroethane	ND		25.0	21.1		ug/L		85	68 - 130
Chloroform	ND		25.0	23.6		ug/L		94	70 - 130
Chloromethane	ND		25.0	19.5		ug/L		78	39 - 144
2-Chlorotoluene	ND		25.0	24.2		ug/L		97	70 - 130
4-Chlorotoluene	ND		25.0	24.1		ug/L		96	70 - 130
cis-1,2-Dichloroethene	ND		25.0	22.6		ug/L		90	70 - 130
cis-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	70 - 133
Dibromochloromethane	ND		25.0	25.9		ug/L		104	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	22.6		ug/L		90	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	23.0		ug/L		92	70 - 131
Dibromomethane	ND		25.0	24.2		ug/L		97	70 - 130
1,2-Dichlorobenzene	ND		25.0	25.9		ug/L		104	70 - 130
1,3-Dichlorobenzene	ND		25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	ND		25.0	25.6		ug/L		103	70 - 130
Dichlorodifluoromethane	ND		25.0	17.8		ug/L		71	25 - 142
1,1-Dichloroethane	ND		25.0	23.0		ug/L		92	65 - 130
1,2-Dichloroethane	ND		25.0	23.9		ug/L		96	56 - 146
1,1-Dichloroethene	ND		25.0	21.5		ug/L		86	70 - 130
1,2-Dichloropropane	ND		25.0	22.9		ug/L		92	69 - 130
1,3-Dichloropropane	ND		25.0	23.3		ug/L		93	70 - 130
2,2-Dichloropropane	ND		25.0	26.0		ug/L		104	69 - 138
1,1-Dichloropropene	ND		25.0	23.5		ug/L		94	64 - 130
Ethylbenzene	ND		25.0	25.5		ug/L		102	70 - 130
Hexachlorobutadiene	ND		25.0	26.9		ug/L		107	10 - 150
Isopropylbenzene	ND		25.0	25.8		ug/L		103	70 - 132
Methylene Chloride	ND		25.0	19.7		ug/L		79	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	20.9		ug/L		84	70 - 130
m,p-Xylene	ND		25.0	25.6		ug/L		102	70 - 133
Naphthalene	ND		25.0	25.7		ug/L		103	60 - 140
n-Butylbenzene	ND		25.0	26.0		ug/L		104	61 - 149
N-Propylbenzene	ND		25.0	25.1		ug/L		100	66 - 135
o-Xylene	ND		25.0	24.9		ug/L		100	70 - 133
p-Isopropyltoluene	ND		25.0	23.8		ug/L		95	70 - 130
sec-Butylbenzene	ND		25.0	24.7		ug/L		99	67 - 134
Styrene	ND		25.0	24.1		ug/L		96	29 - 150
tert-Butylbenzene	ND		25.0	24.4		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	22.1		ug/L		88	63 - 130
Tetrachloroethene	0.77		25.0	27.6		ug/L		107	70 - 137

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: 440-207096-B-2 MS

Matrix: Water

Analysis Batch: 466712

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	ND		25.0	26.0		ug/L		104	70 - 130
trans-1,2-Dichloroethene	ND		25.0	22.7		ug/L		91	70 - 130
trans-1,3-Dichloropropene	ND		25.0	23.5		ug/L		94	70 - 138
1,2,3-Trichlorobenzene	ND		25.0	27.4		ug/L		109	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	27.4		ug/L		110	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.2		ug/L		97	70 - 130
1,1,2-Trichloroethane	ND		25.0	25.2		ug/L		101	70 - 130
Trichloroethene	ND		25.0	25.1		ug/L		100	70 - 130
Trichlorofluoromethane	ND		25.0	24.5		ug/L		98	60 - 150
1,2,3-Trichloropropane	ND		25.0	21.9		ug/L		87	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	24.4		ug/L		98	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	25.2		ug/L		101	70 - 130
Vinyl chloride	ND		25.0	19.9		ug/L		80	50 - 137

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	99		76 - 132
Toluene-d8 (Surr)	101		80 - 128

Lab Sample ID: 440-207096-B-2 MSD

Matrix: Water

Analysis Batch: 466712

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	23.8		ug/L		95	66 - 130	2	20
Bromobenzene	ND		25.0	23.9		ug/L		96	70 - 130	3	20
Bromochloromethane	ND		25.0	24.7		ug/L		99	70 - 130	2	25
Bromodichloromethane	ND		25.0	24.3		ug/L		97	70 - 138	0	20
Bromoform	ND		25.0	23.2		ug/L		93	59 - 150	5	25
Bromomethane	ND		25.0	21.5		ug/L		86	62 - 131	2	25
2-Butanone (MEK)	ND		25.0	21.4		ug/L		86	48 - 140	2	40
Carbon tetrachloride	ND		25.0	26.4		ug/L		106	60 - 150	3	25
Chlorobenzene	ND		25.0	23.6		ug/L		95	70 - 130	3	20
Chloroethane	ND		25.0	21.8		ug/L		87	68 - 130	3	25
Chloroform	ND		25.0	23.9		ug/L		95	70 - 130	1	20
Chloromethane	ND		25.0	20.7		ug/L		83	39 - 144	6	25
2-Chlorotoluene	ND		25.0	24.8		ug/L		99	70 - 130	3	20
4-Chlorotoluene	ND		25.0	24.6		ug/L		98	70 - 130	2	20
cis-1,2-Dichloroethene	ND		25.0	22.8		ug/L		91	70 - 130	1	20
cis-1,3-Dichloropropene	ND		25.0	23.2		ug/L		93	70 - 133	5	20
Dibromochloromethane	ND		25.0	24.5		ug/L		98	70 - 148	6	25
1,2-Dibromo-3-Chloropropane	ND		25.0	21.5		ug/L		86	48 - 140	5	30
1,2-Dibromoethane (EDB)	ND		25.0	21.7		ug/L		87	70 - 131	6	25
Dibromomethane	ND		25.0	23.6		ug/L		94	70 - 130	3	25
1,2-Dichlorobenzene	ND		25.0	26.0		ug/L		104	70 - 130	0	20
1,3-Dichlorobenzene	ND		25.0	25.4		ug/L		102	70 - 130	1	20
1,4-Dichlorobenzene	ND		25.0	25.6		ug/L		103	70 - 130	0	20
Dichlorodifluoromethane	ND		25.0	18.4		ug/L		74	25 - 142	3	30

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: 440-207096-B-2 MSD

Matrix: Water

Analysis Batch: 466712

Client Sample ID: Matrix Spike Duplicate

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-Dichloroethane	ND		25.0	23.5		ug/L		94	65 - 130	2	20
1,2-Dichloroethane	ND		25.0	24.0		ug/L		96	56 - 146	0	20
1,1-Dichloroethene	ND		25.0	22.1		ug/L		89	70 - 130	3	20
1,2-Dichloropropane	ND		25.0	23.4		ug/L		94	69 - 130	2	20
1,3-Dichloropropane	ND		25.0	21.5		ug/L		86	70 - 130	8	25
2,2-Dichloropropane	ND		25.0	26.2		ug/L		105	69 - 138	1	25
1,1-Dichloropropene	ND		25.0	24.6		ug/L		99	64 - 130	5	20
Ethylbenzene	ND		25.0	24.8		ug/L		99	70 - 130	3	20
Hexachlorobutadiene	ND		25.0	26.4		ug/L		106	10 - 150	2	20
Isopropylbenzene	ND		25.0	25.1		ug/L		100	70 - 132	3	20
Methylene Chloride	ND		25.0	19.3		ug/L		77	52 - 130	2	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	21.2		ug/L		85	70 - 130	1	25
m,p-Xylene	ND		25.0	25.0		ug/L		100	70 - 133	2	25
Naphthalene	ND		25.0	25.0		ug/L		100	60 - 140	3	30
n-Butylbenzene	ND		25.0	26.3		ug/L		105	61 - 149	1	20
N-Propylbenzene	ND		25.0	25.8		ug/L		103	66 - 135	3	20
o-Xylene	ND		25.0	23.9		ug/L		96	70 - 133	4	20
p-Isopropyltoluene	ND		25.0	24.4		ug/L		97	70 - 130	2	20
sec-Butylbenzene	ND		25.0	25.5		ug/L		102	67 - 134	3	20
Styrene	ND		25.0	23.2		ug/L		93	29 - 150	4	35
tert-Butylbenzene	ND		25.0	24.9		ug/L		100	70 - 130	2	20
1,1,1,2-Tetrachloroethane	ND		25.0	25.1		ug/L		100	60 - 149	5	20
1,1,2,2-Tetrachloroethane	ND		25.0	21.5		ug/L		86	63 - 130	3	30
Tetrachloroethene	0.77		25.0	26.9		ug/L		104	70 - 137	3	20
Toluene	ND		25.0	25.1		ug/L		100	70 - 130	4	20
trans-1,2-Dichloroethene	ND		25.0	23.3		ug/L		93	70 - 130	2	20
trans-1,3-Dichloropropene	ND		25.0	21.9		ug/L		88	70 - 138	7	25
1,2,3-Trichlorobenzene	ND		25.0	26.4		ug/L		106	60 - 140	3	20
1,2,4-Trichlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140	3	20
1,1,1-Trichloroethane	ND		25.0	24.6		ug/L		98	70 - 130	1	20
1,1,2-Trichloroethane	ND		25.0	23.1		ug/L		92	70 - 130	9	25
Trichloroethene	ND		25.0	25.6		ug/L		102	70 - 130	2	20
Trichlorofluoromethane	ND		25.0	25.7		ug/L		103	60 - 150	5	25
1,2,3-Trichloropropane	ND		25.0	21.6		ug/L		86	60 - 130	1	30
1,2,4-Trimethylbenzene	ND		25.0	24.7		ug/L		99	70 - 130	1	25
1,3,5-Trimethylbenzene	ND		25.0	25.2		ug/L		101	70 - 130	0	20
Vinyl chloride	ND		25.0	21.0		ug/L		84	50 - 137	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	101		76 - 132
Toluene-d8 (Surr)	97		80 - 128

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: MB 440-466784/4

Matrix: Solid

Analysis Batch: 466784

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Bromobenzene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
Bromochloromethane	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
Bromodichloromethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Bromoform	ND		5.0	2.0	ug/Kg			03/29/18 08:31	1
2-Butanone (MEK)	ND		10	5.0	ug/Kg			03/29/18 08:31	1
Carbon tetrachloride	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
Chlorobenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Chloroethane	ND		5.0	2.0	ug/Kg			03/29/18 08:31	1
Chloroform	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
2-Chlorotoluene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
4-Chlorotoluene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
cis-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
cis-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Dibromochloromethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/Kg			03/29/18 08:31	1
1,2-Dibromoethane (EDB)	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Dibromomethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,2-Dichlorobenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,3-Dichlorobenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,4-Dichlorobenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Dichlorodifluoromethane	ND		5.0	2.0	ug/Kg			03/29/18 08:31	1
1,1-Dichloroethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,2-Dichloroethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,1-Dichloroethene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
1,2-Dichloropropane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,3-Dichloropropane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
2,2-Dichloropropane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,1-Dichloropropene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Ethylbenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Hexachlorobutadiene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
Isopropylbenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Methylene Chloride	ND		20	5.0	ug/Kg			03/29/18 08:31	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
m,p-Xylene	ND		4.0	2.0	ug/Kg			03/29/18 08:31	1
Naphthalene	ND		5.0	2.0	ug/Kg			03/29/18 08:31	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
N-Propylbenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
o-Xylene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
p-Isopropyltoluene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
sec-Butylbenzene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
Styrene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
tert-Butylbenzene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
1,1,1,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Tetrachloroethene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Toluene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: MB 440-466784/4

Matrix: Solid

Analysis Batch: 466784

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
trans-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
1,1,1-Trichloroethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,1,2-Trichloroethane	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Trichloroethene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1
1,2,3-Trichloropropane	ND		10	1.0	ug/Kg			03/29/18 08:31	1
1,2,4-Trimethylbenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
1,3,5-Trimethylbenzene	ND		2.0	1.0	ug/Kg			03/29/18 08:31	1
Vinyl chloride	ND		5.0	1.0	ug/Kg			03/29/18 08:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		74 - 124		03/29/18 08:31	1
Dibromofluoromethane (Surr)	107		80 - 135		03/29/18 08:31	1
Toluene-d8 (Surr)	104		80 - 122		03/29/18 08:31	1

Lab Sample ID: LCS 440-466784/6

Matrix: Solid

Analysis Batch: 466784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	49.3		ug/Kg		99	65 - 120
Bromobenzene	50.0	54.2		ug/Kg		108	70 - 120
Bromochloromethane	50.0	56.4		ug/Kg		113	75 - 145
Bromodichloromethane	50.0	57.6		ug/Kg		115	75 - 135
Bromoform	50.0	63.6		ug/Kg		127	75 - 135
Bromomethane	50.0	42.6		ug/Kg		85	65 - 140
2-Butanone (MEK)	50.0	80.3		ug/Kg		161	25 - 170
Carbon tetrachloride	50.0	53.0		ug/Kg		106	65 - 130
Chlorobenzene	50.0	47.8		ug/Kg		96	70 - 120
Chloroethane	50.0	44.0		ug/Kg		88	60 - 135
Chloroform	50.0	50.0		ug/Kg		100	70 - 140
Chloromethane	50.0	33.8		ug/Kg		68	45 - 135
2-Chlorotoluene	50.0	51.7		ug/Kg		103	60 - 115
4-Chlorotoluene	50.0	52.6		ug/Kg		105	65 - 115
cis-1,2-Dichloroethene	50.0	52.0		ug/Kg		104	65 - 135
cis-1,3-Dichloropropene	50.0	55.7		ug/Kg		111	75 - 135
Dibromochloromethane	50.0	59.6		ug/Kg		119	75 - 135
1,2-Dibromo-3-Chloropropane	50.0	89.8	*	ug/Kg		180	75 - 150
1,2-Dibromoethane (EDB)	50.0	64.0		ug/Kg		128	85 - 140
Dibromomethane	50.0	58.4		ug/Kg		117	80 - 145
1,2-Dichlorobenzene	50.0	55.0		ug/Kg		110	75 - 125
1,3-Dichlorobenzene	50.0	50.5		ug/Kg		101	70 - 115
1,4-Dichlorobenzene	50.0	48.8		ug/Kg		98	70 - 120
Dichlorodifluoromethane	50.0	32.0		ug/Kg		64	35 - 160
1,1-Dichloroethane	50.0	48.7		ug/Kg		97	65 - 135

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: LCS 440-466784/6

Matrix: Solid

Analysis Batch: 466784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	57.7		ug/Kg		115	80 - 140
1,1-Dichloroethene	50.0	44.8		ug/Kg		90	55 - 130
1,2-Dichloropropane	50.0	50.4		ug/Kg		101	65 - 130
1,3-Dichloropropane	50.0	54.7		ug/Kg		109	80 - 135
2,2-Dichloropropane	50.0	53.4		ug/Kg		107	65 - 140
1,1-Dichloropropene	50.0	55.0		ug/Kg		110	80 - 120
Ethylbenzene	50.0	51.7		ug/Kg		103	70 - 120
Hexachlorobutadiene	50.0	49.3		ug/Kg		99	60 - 140
Isopropylbenzene	50.0	51.5		ug/Kg		103	55 - 120
Methylene Chloride	50.0	48.4		ug/Kg		97	60 - 140
Methyl-t-Butyl Ether (MTBE)	50.0	66.9		ug/Kg		134	75 - 150
m,p-Xylene	50.0	54.1		ug/Kg		108	65 - 120
Naphthalene	50.0	75.4		ug/Kg		151	70 - 160
n-Butylbenzene	50.0	47.9		ug/Kg		96	65 - 115
N-Propylbenzene	50.0	48.5		ug/Kg		97	60 - 115
o-Xylene	50.0	54.4		ug/Kg		109	70 - 125
p-Isopropyltoluene	50.0	54.1		ug/Kg		108	70 - 120
sec-Butylbenzene	50.0	52.9		ug/Kg		106	70 - 120
Styrene	50.0	51.7		ug/Kg		103	75 - 130
tert-Butylbenzene	50.0	50.8		ug/Kg		102	70 - 125
1,1,1,2-Tetrachloroethane	50.0	54.9		ug/Kg		110	75 - 130
1,1,2,2-Tetrachloroethane	50.0	60.9		ug/Kg		122	75 - 150
Tetrachloroethene	50.0	50.3		ug/Kg		101	65 - 130
Toluene	50.0	51.5		ug/Kg		103	70 - 120
trans-1,2-Dichloroethene	50.0	51.4		ug/Kg		103	65 - 135
trans-1,3-Dichloropropene	50.0	61.1		ug/Kg		122	75 - 145
1,2,3-Trichlorobenzene	50.0	64.6		ug/Kg		129	75 - 145
1,2,4-Trichlorobenzene	50.0	60.1		ug/Kg		120	70 - 145
1,1,1-Trichloroethane	50.0	51.2		ug/Kg		102	70 - 135
1,1,2-Trichloroethane	50.0	55.9		ug/Kg		112	80 - 145
Trichloroethene	50.0	51.8		ug/Kg		104	65 - 120
Trichlorofluoromethane	50.0	45.8		ug/Kg		92	60 - 145
1,2,3-Trichloropropane	50.0	75.1		ug/Kg		150	65 - 150
1,2,4-Trimethylbenzene	50.0	50.5		ug/Kg		101	65 - 115
1,3,5-Trimethylbenzene	50.0	50.8		ug/Kg		102	65 - 115
Vinyl chloride	50.0	37.9		ug/Kg		76	45 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		74 - 124
Dibromofluoromethane (Surr)	107		80 - 135
Toluene-d8 (Surr)	102		80 - 122

Lab Sample ID: LCSD 440-466784/7

Matrix: Solid

Analysis Batch: 466784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	49.2		ug/Kg		98	65 - 120	0	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: LCSD 440-466784/7

Matrix: Solid

Analysis Batch: 466784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	54.8		ug/Kg		110	70 - 120	1	20
Bromochloromethane	50.0	55.4		ug/Kg		111	75 - 145	2	20
Bromodichloromethane	50.0	59.6		ug/Kg		119	75 - 135	3	20
Bromoform	50.0	60.1		ug/Kg		120	75 - 135	6	25
Bromomethane	50.0	43.6		ug/Kg		87	65 - 140	2	20
2-Butanone (MEK)	50.0	77.2		ug/Kg		154	25 - 170	4	30
Carbon tetrachloride	50.0	52.9		ug/Kg		106	65 - 130	0	20
Chlorobenzene	50.0	46.1		ug/Kg		92	70 - 120	4	20
Chloroethane	50.0	45.3		ug/Kg		91	60 - 135	3	25
Chloroform	50.0	49.5		ug/Kg		99	70 - 140	1	20
Chloromethane	50.0	32.4		ug/Kg		65	45 - 135	4	25
2-Chlorotoluene	50.0	53.5		ug/Kg		107	60 - 115	4	20
4-Chlorotoluene	50.0	54.8		ug/Kg		110	65 - 115	4	20
cis-1,2-Dichloroethene	50.0	52.2		ug/Kg		104	65 - 135	0	20
cis-1,3-Dichloropropene	50.0	54.5		ug/Kg		109	75 - 135	2	20
Dibromochloromethane	50.0	57.5		ug/Kg		115	75 - 135	4	20
1,2-Dibromo-3-Chloropropane	50.0	84.7 *		ug/Kg		169	75 - 150	6	30
1,2-Dibromoethane (EDB)	50.0	61.0		ug/Kg		122	85 - 140	5	20
Dibromomethane	50.0	58.3		ug/Kg		117	80 - 145	0	20
1,2-Dichlorobenzene	50.0	56.3		ug/Kg		113	75 - 125	2	20
1,3-Dichlorobenzene	50.0	51.8		ug/Kg		104	70 - 115	3	20
1,4-Dichlorobenzene	50.0	49.2		ug/Kg		98	70 - 120	1	20
Dichlorodifluoromethane	50.0	30.5		ug/Kg		61	35 - 160	5	30
1,1-Dichloroethane	50.0	48.9		ug/Kg		98	65 - 135	0	20
1,2-Dichloroethane	50.0	56.4		ug/Kg		113	80 - 140	2	20
1,1-Dichloroethene	50.0	44.0		ug/Kg		88	55 - 130	2	20
1,2-Dichloropropane	50.0	52.2		ug/Kg		104	65 - 130	3	20
1,3-Dichloropropane	50.0	51.5		ug/Kg		103	80 - 135	6	20
2,2-Dichloropropane	50.0	52.7		ug/Kg		105	65 - 140	1	20
1,1-Dichloropropene	50.0	55.0		ug/Kg		110	80 - 120	0	20
Ethylbenzene	50.0	50.8		ug/Kg		102	70 - 120	2	20
Hexachlorobutadiene	50.0	51.6		ug/Kg		103	60 - 140	5	20
Isopropylbenzene	50.0	51.2		ug/Kg		102	55 - 120	1	20
Methylene Chloride	50.0	47.8		ug/Kg		96	60 - 140	1	20
Methyl-t-Butyl Ether (MTBE)	50.0	66.1		ug/Kg		132	75 - 150	1	20
m,p-Xylene	50.0	53.7		ug/Kg		107	65 - 120	1	20
Naphthalene	50.0	74.2		ug/Kg		148	70 - 160	2	25
n-Butylbenzene	50.0	50.4		ug/Kg		101	65 - 115	5	20
N-Propylbenzene	50.0	51.0		ug/Kg		102	60 - 115	5	20
o-Xylene	50.0	53.4		ug/Kg		107	70 - 125	2	20
p-Isopropyltoluene	50.0	57.2		ug/Kg		114	70 - 120	6	20
sec-Butylbenzene	50.0	55.7		ug/Kg		111	70 - 120	5	20
Styrene	50.0	50.4		ug/Kg		101	75 - 130	2	20
tert-Butylbenzene	50.0	53.7		ug/Kg		107	70 - 125	6	20
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/Kg		104	75 - 130	5	20
1,1,2,2-Tetrachloroethane	50.0	61.0		ug/Kg		122	75 - 150	0	30
Tetrachloroethene	50.0	49.2		ug/Kg		98	65 - 130	2	20
Toluene	50.0	49.7		ug/Kg		99	70 - 120	4	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: LCSD 440-466784/7

Matrix: Solid

Analysis Batch: 466784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	50.0	50.4		ug/Kg		101	65 - 135	2	20
trans-1,3-Dichloropropene	50.0	58.3		ug/Kg		117	75 - 145	5	20
1,2,3-Trichlorobenzene	50.0	63.7		ug/Kg		127	75 - 145	1	20
1,2,4-Trichlorobenzene	50.0	60.1		ug/Kg		120	70 - 145	0	20
1,1,1-Trichloroethane	50.0	51.3		ug/Kg		103	70 - 135	0	20
1,1,2-Trichloroethane	50.0	52.2		ug/Kg		104	80 - 145	7	20
Trichloroethene	50.0	51.6		ug/Kg		103	65 - 120	0	20
Trichlorofluoromethane	50.0	45.1		ug/Kg		90	60 - 145	1	25
1,2,3-Trichloropropane	50.0	71.9		ug/Kg		144	65 - 150	4	25
1,2,4-Trimethylbenzene	50.0	53.0		ug/Kg		106	65 - 115	5	20
1,3,5-Trimethylbenzene	50.0	52.8		ug/Kg		106	65 - 115	4	20
Vinyl chloride	50.0	37.5		ug/Kg		75	45 - 135	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		74 - 124
Dibromofluoromethane (Surr)	107		80 - 135
Toluene-d8 (Surr)	99		80 - 122

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-467099/25

Matrix: Solid

Analysis Batch: 467099

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
GRO (C4-C12)	ND		400	150	ug/Kg	-		03/30/18 20:34	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	72		65 - 140		03/30/18 20:34	1			

Lab Sample ID: LCS 440-467099/51

Matrix: Solid

Analysis Batch: 467099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS	%Rec.			
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
GRO (C4-C12)			1600	1360		ug/Kg	-	85	70 - 135
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	107		65 - 140						

Lab Sample ID: LCSD 440-467099/52

Matrix: Solid

Analysis Batch: 467099

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1600	1360		ug/Kg		85	70 - 135	0	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 440-467099/52

Matrix: Solid

Analysis Batch: 467099

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		65 - 140

Lab Sample ID: 440-207103-1 MS

Matrix: Solid

Analysis Batch: 467099

Client Sample ID: AOC4-SV10-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	ND		1600	1210		ug/Kg		76	60 - 140
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		65 - 140						

Lab Sample ID: 440-207103-1 MSD

Matrix: Solid

Analysis Batch: 467099

Client Sample ID: AOC4-SV10-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1580	1070		ug/Kg		68	60 - 140	12	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	84		65 - 140								

Lab Sample ID: MB 440-467176/5

Matrix: Water

Analysis Batch: 467176

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50	25	ug/L			03/31/18 06:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		65 - 140					03/31/18 06:12	1

Lab Sample ID: LCS 440-467176/4

Matrix: Water

Analysis Batch: 467176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	800	689		ug/L		86	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	100		65 - 140				

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 440-207427-C-1 MS

Matrix: Water

Analysis Batch: 467176

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)	ND		800	678		ug/L		85	65 - 140		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	109		65 - 140								

Lab Sample ID: 440-207427-C-1 MSD

Matrix: Water

Analysis Batch: 467176

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		800	689		ug/L	-	86	65 - 140	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		65 - 140								

Lab Sample ID: MB 440-467331/5

Matrix: Solid

Analysis Batch: 467331

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
GRO (C4-C12)	ND		400	150	ug/Kg			03/31/18 15:23	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	96		65 - 140		03/31/18 15:23	1			

Lab Sample ID: LCS 440-467331/3

Matrix: Solid

Analysis Batch: 467331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS						
Analyte			Added	Result	Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			1600	1360		ug/Kg	-	85	70 - 135		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)		118	65 - 140								

Lab Sample ID: LCSD 440-467331/4

Matrix: Solid

Analysis Batch: 467331

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
GRO (C4-C12)			1600	1330		ug/Kg	-	83	70 - 135	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	109		65 - 140								

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 440-207103-8 MS

Matrix: Solid

Analysis Batch: 467331

Client Sample ID: AOC4-SV6-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	ND	F1	1570	797	F1	ug/Kg		51	60 - 140
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	91		65 - 140						

Lab Sample ID: 440-207103-8 MSD

Matrix: Solid

Analysis Batch: 467331

Client Sample ID: AOC4-SV6-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND	F1	1570	733	F1	ug/Kg		47	60 - 140	8	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	85		65 - 140								

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-466303/1-A

Matrix: Water

Analysis Batch: 466390

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		0.50	0.25	mg/L		03/27/18 11:02	03/27/18 19:41	1
ORO (C23-C40)	ND		0.50	0.25	mg/L		03/27/18 11:02	03/27/18 19:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
n-Octacosane	60		45 - 120	03/27/18 11:02	03/27/18 19:41	1			

Lab Sample ID: LCS 440-466303/2-A

Matrix: Water

Analysis Batch: 466390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 466303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	1.00	0.470	J	mg/L		47	40 - 115
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane	55		45 - 120				

Lab Sample ID: LCSD 440-466303/3-A

Matrix: Water

Analysis Batch: 466390

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 466303

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	1.00	0.504		mg/L		50	40 - 115	7	25

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 440-466303/3-A

Matrix: Water

Analysis Batch: 466390

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 466303

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane	60		45 - 120

Lab Sample ID: MB 440-466419/1-A

Matrix: Solid

Analysis Batch: 466582

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466419

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		03/27/18 16:59	03/28/18 11:31	1
ORO (C23-C40)	3.10	J	5.0	2.5	mg/Kg		03/27/18 16:59	03/28/18 11:31	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
n-Octacosane	80		40 - 140	03/27/18 16:59	03/28/18 11:31	1			

Lab Sample ID: LCS 440-466419/2-A

Matrix: Solid

Analysis Batch: 466582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 466419

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
C10-C28			66.7	55.9		mg/Kg		84	45 - 115		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
n-Octacosane	81		40 - 140								

Lab Sample ID: 440-207103-1 MS

Matrix: Solid

Analysis Batch: 466582

Client Sample ID: AOC4-SV10-5

Prep Type: Total/NA

Prep Batch: 466419

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
C10-C28	ND		65.0	38.9		mg/Kg		60	40 - 120		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
n-Octacosane	56		40 - 140								

Lab Sample ID: 440-207103-1 MSD

Matrix: Solid

Analysis Batch: 466582

Client Sample ID: AOC4-SV10-5

Prep Type: Total/NA

Prep Batch: 466419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	ND		66.4	38.9		mg/Kg		59	40 - 120	0	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
n-Octacosane	54		40 - 140								

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: MB 440-466355/1-A

Matrix: Water

Analysis Batch: 466565

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466355

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		03/27/18 13:38	03/28/18 11:50	1
Aroclor 1221	ND		1.0	0.50	ug/L		03/27/18 13:38	03/28/18 11:50	1
Aroclor 1232	ND		1.0	0.50	ug/L		03/27/18 13:38	03/28/18 11:50	1
Aroclor 1242	ND		1.0	0.50	ug/L		03/27/18 13:38	03/28/18 11:50	1
Aroclor 1248	ND		1.0	0.50	ug/L		03/27/18 13:38	03/28/18 11:50	1
Aroclor 1254	ND		1.0	0.50	ug/L		03/27/18 13:38	03/28/18 11:50	1
Aroclor 1260	ND		1.0	0.50	ug/L		03/27/18 13:38	03/28/18 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	73		26 - 115	03/27/18 13:38	03/28/18 11:50	1

Lab Sample ID: LCS 440-466355/2-A

Matrix: Water

Analysis Batch: 466565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 466355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	2.22		ug/L		56	50 - 115
Aroclor 1260	4.00	2.68		ug/L		67	53 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	65		26 - 115

Lab Sample ID: LCSD 440-466355/3-A

Matrix: Water

Analysis Batch: 466565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 466355

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	2.31		ug/L		58	50 - 115	4	22
Aroclor 1260	4.00	2.78		ug/L		70	53 - 120	4	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	67		26 - 115

Lab Sample ID: MB 440-466422/1-A

Matrix: Solid

Analysis Batch: 466277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 466422

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 11:11	1
Aroclor 1221	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 11:11	1
Aroclor 1232	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 11:11	1
Aroclor 1242	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 11:11	1
Aroclor 1248	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 11:11	1
Aroclor 1254	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 11:11	1
Aroclor 1260	ND		50	17	ug/Kg		03/27/18 17:04	03/28/18 11:11	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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

Lab Sample ID: MB 440-466422/1-A
Matrix: Solid
Analysis Batch: 466277

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 466422

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	104		45 - 120	03/27/18 17:04	03/28/18 11:11	1

Lab Sample ID: LCS 440-466422/2-A
Matrix: Solid
Analysis Batch: 466277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 466422

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	267	242		ug/Kg		91	65 - 115
Aroclor 1260	267	270		ug/Kg		101	65 - 115
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl (Surr)	92		45 - 120				

Lab Sample ID: 440-207103-1 MS
Matrix: Solid
Analysis Batch: 466277

Client Sample ID: AOC4-SV10-5
Prep Type: Total/NA
Prep Batch: 466422

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Aroclor 1016	ND		265	212		ug/Kg		80	50 - 120		
Aroclor 1260	ND		265	211		ug/Kg		79	50 - 125		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl (Surr)	69		45 - 120								

Lab Sample ID: 440-207103-1 MSD
Matrix: Solid
Analysis Batch: 466277

Client Sample ID: AOC4-SV10-5
Prep Type: Total/NA
Prep Batch: 466422

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aroclor 1016	ND		261	221		ug/Kg		84	50 - 120	4	30
Aroclor 1260	ND		261	230		ug/Kg		88	50 - 125	8	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl (Surr)	76		45 - 120								

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

GC/MS VOA

Analysis Batch: 466712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-10	F032618B	Total/NA	Water	8260B	
440-207103-11	TB	Total/NA	Water	8260B	
MB 440-466712/4	Method Blank	Total/NA	Water	8260B	
LCS 440-466712/5	Lab Control Sample	Total/NA	Water	8260B	
440-207096-B-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-207096-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Analysis Batch: 466784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1	AOC4-SV10-5	Total/NA	Solid	8260B	466828
440-207103-2	AOC4-SV10-15	Total/NA	Solid	8260B	466828
440-207103-3	AOC4-SV9-5	Total/NA	Solid	8260B	466828
440-207103-4	AOC4-SV9-15	Total/NA	Solid	8260B	466828
440-207103-5	AOC4-SV9-15d	Total/NA	Solid	8260B	466828
440-207103-6	AOC4-SV8-5	Total/NA	Solid	8260B	466828
440-207103-7	AOC4-SV8-15	Total/NA	Solid	8260B	466828
440-207103-8	AOC4-SV6-5	Total/NA	Solid	8260B	466828
440-207103-9	AOC4-SV6-15	Total/NA	Solid	8260B	466828
MB 440-466784/4	Method Blank	Total/NA	Solid	8260B	
LCS 440-466784/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-466784/7	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 466828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1	AOC4-SV10-5	Total/NA	Solid	5035	
440-207103-2	AOC4-SV10-15	Total/NA	Solid	5035	
440-207103-3	AOC4-SV9-5	Total/NA	Solid	5035	
440-207103-4	AOC4-SV9-15	Total/NA	Solid	5035	
440-207103-5	AOC4-SV9-15d	Total/NA	Solid	5035	
440-207103-6	AOC4-SV8-5	Total/NA	Solid	5035	
440-207103-7	AOC4-SV8-15	Total/NA	Solid	5035	
440-207103-8	AOC4-SV6-5	Total/NA	Solid	5035	
440-207103-9	AOC4-SV6-15	Total/NA	Solid	5035	

GC VOA

Analysis Batch: 467099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1	AOC4-SV10-5	Total/NA	Solid	8015B	
440-207103-2	AOC4-SV10-15	Total/NA	Solid	8015B	
440-207103-3	AOC4-SV9-5	Total/NA	Solid	8015B	
440-207103-4	AOC4-SV9-15	Total/NA	Solid	8015B	
440-207103-5	AOC4-SV9-15d	Total/NA	Solid	8015B	
440-207103-6	AOC4-SV8-5	Total/NA	Solid	8015B	
440-207103-7	AOC4-SV8-15	Total/NA	Solid	8015B	
440-207103-9	AOC4-SV6-15	Total/NA	Solid	8015B	
MB 440-467099/25	Method Blank	Total/NA	Solid	8015B	
LCS 440-467099/51	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-467099/52	Lab Control Sample Dup	Total/NA	Solid	8015B	
440-207103-1 MS	AOC4-SV10-5	Total/NA	Solid	8015B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

GC VOA (Continued)

Analysis Batch: 467099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1 MSD	AOC4-SV10-5	Total/NA	Solid	8015B	

Analysis Batch: 467176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-10	F032618B	Total/NA	Water	8015B	
MB 440-467176/5	Method Blank	Total/NA	Water	8015B	
LCS 440-467176/4	Lab Control Sample	Total/NA	Water	8015B	
440-207427-C-1 MS	Matrix Spike	Total/NA	Water	8015B	
440-207427-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

Analysis Batch: 467331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-8	AOC4-SV6-5	Total/NA	Solid	8015B	
MB 440-467331/5	Method Blank	Total/NA	Solid	8015B	
LCS 440-467331/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-467331/4	Lab Control Sample Dup	Total/NA	Solid	8015B	
440-207103-8 MS	AOC4-SV6-5	Total/NA	Solid	8015B	
440-207103-8 MSD	AOC4-SV6-5	Total/NA	Solid	8015B	

GC Semi VOA

Analysis Batch: 466277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1	AOC4-SV10-5	Total/NA	Solid	8082	466422
440-207103-2	AOC4-SV10-15	Total/NA	Solid	8082	466422
440-207103-3	AOC4-SV9-5	Total/NA	Solid	8082	466422
440-207103-4	AOC4-SV9-15	Total/NA	Solid	8082	466422
440-207103-5	AOC4-SV9-15d	Total/NA	Solid	8082	466422
440-207103-6	AOC4-SV8-5	Total/NA	Solid	8082	466422
440-207103-7	AOC4-SV8-15	Total/NA	Solid	8082	466422
440-207103-8	AOC4-SV6-5	Total/NA	Solid	8082	466422
440-207103-9	AOC4-SV6-15	Total/NA	Solid	8082	466422
MB 440-466422/1-A	Method Blank	Total/NA	Solid	8082	466422
LCS 440-466422/2-A	Lab Control Sample	Total/NA	Solid	8082	466422
440-207103-1 MS	AOC4-SV10-5	Total/NA	Solid	8082	466422
440-207103-1 MSD	AOC4-SV10-5	Total/NA	Solid	8082	466422

Prep Batch: 466303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-10	F032618B	Total/NA	Water	3510C	
MB 440-466303/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-466303/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-466303/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 466355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-10	F032618B	Total/NA	Water	3510C	
MB 440-466355/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-466355/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-466355/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

GC Semi VOA (Continued)

Analysis Batch: 466390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-10	F032618B	Total/NA	Water	8015B	466303
MB 440-466303/1-A	Method Blank	Total/NA	Water	8015B	466303
LCS 440-466303/2-A	Lab Control Sample	Total/NA	Water	8015B	466303
LCSD 440-466303/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	466303

Prep Batch: 466419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1	AOC4-SV10-5	Total/NA	Solid	3546	
440-207103-2	AOC4-SV10-15	Total/NA	Solid	3546	
440-207103-3	AOC4-SV9-5	Total/NA	Solid	3546	
440-207103-4	AOC4-SV9-15	Total/NA	Solid	3546	
440-207103-5	AOC4-SV9-15d	Total/NA	Solid	3546	
440-207103-6	AOC4-SV8-5	Total/NA	Solid	3546	
440-207103-7	AOC4-SV8-15	Total/NA	Solid	3546	
440-207103-8	AOC4-SV6-5	Total/NA	Solid	3546	
440-207103-9	AOC4-SV6-15	Total/NA	Solid	3546	
MB 440-466419/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-466419/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-207103-1 MS	AOC4-SV10-5	Total/NA	Solid	3546	
440-207103-1 MSD	AOC4-SV10-5	Total/NA	Solid	3546	

Prep Batch: 466422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1	AOC4-SV10-5	Total/NA	Solid	3546	
440-207103-2	AOC4-SV10-15	Total/NA	Solid	3546	
440-207103-3	AOC4-SV9-5	Total/NA	Solid	3546	
440-207103-4	AOC4-SV9-15	Total/NA	Solid	3546	
440-207103-5	AOC4-SV9-15d	Total/NA	Solid	3546	
440-207103-6	AOC4-SV8-5	Total/NA	Solid	3546	
440-207103-7	AOC4-SV8-15	Total/NA	Solid	3546	
440-207103-8	AOC4-SV6-5	Total/NA	Solid	3546	
440-207103-9	AOC4-SV6-15	Total/NA	Solid	3546	
MB 440-466422/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-466422/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-207103-1 MS	AOC4-SV10-5	Total/NA	Solid	3546	
440-207103-1 MSD	AOC4-SV10-5	Total/NA	Solid	3546	

Analysis Batch: 466565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-10	F032618B	Total/NA	Water	8082	466355
MB 440-466355/1-A	Method Blank	Total/NA	Water	8082	466355
LCS 440-466355/2-A	Lab Control Sample	Total/NA	Water	8082	466355
LCSD 440-466355/3-A	Lab Control Sample Dup	Total/NA	Water	8082	466355

Analysis Batch: 466581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-9	AOC4-SV6-15	Total/NA	Solid	8015B	466419

Analysis Batch: 466582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-1	AOC4-SV10-5	Total/NA	Solid	8015B	466419

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

GC Semi VOA (Continued)

Analysis Batch: 466582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-207103-2	AOC4-SV10-15	Total/NA	Solid	8015B	466419
440-207103-3	AOC4-SV9-5	Total/NA	Solid	8015B	466419
440-207103-4	AOC4-SV9-15	Total/NA	Solid	8015B	466419
440-207103-5	AOC4-SV9-15d	Total/NA	Solid	8015B	466419
440-207103-6	AOC4-SV8-5	Total/NA	Solid	8015B	466419
440-207103-7	AOC4-SV8-15	Total/NA	Solid	8015B	466419
440-207103-8	AOC4-SV6-5	Total/NA	Solid	8015B	466419
MB 440-466419/1-A	Method Blank	Total/NA	Solid	8015B	466419
LCS 440-466419/2-A	Lab Control Sample	Total/NA	Solid	8015B	466419
440-207103-1 MS	AOC4-SV10-5	Total/NA	Solid	8015B	466419
440-207103-1 MSD	AOC4-SV10-5	Total/NA	Solid	8015B	466419

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

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.
*	LCS or LCSD is outside acceptance limits.
*	ISTD response or retention time outside acceptable limits
X	Surrogate is outside control limits

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

GC Semi VOA

Qualifier	Qualifier Description
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.

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-207103-1

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8015B		Solid	GRO (C4-C12)
8015B		Water	GRO (C4-C12)
8015B	3510C	Water	DRO (C13-C22)
8015B	3510C	Water	ORO (C23-C40)
8015B	3546	Solid	DRO (C13-C22)
8015B	3546	Solid	ORO (C23-C40)
8260B		Water	m,p-Xylene
8260B	5035	Solid	m,p-Xylene

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-207103-1

Login Number: 207103

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-211213-1

Client Project/Site: LAUSD Reseda H.S., CA

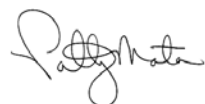
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

5/23/2018 10:31:10 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

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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.



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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-211213-1	AOC4-SV12-5	Solid	05/12/18 07:59	05/12/18 14:10
440-211213-2	AOC4-SV12-15	Solid	05/12/18 08:15	05/12/18 14:10
440-211213-3	AOC4-SV13-5	Solid	05/12/18 09:10	05/12/18 14:10
440-211213-4	AOC4-SV13-15	Solid	05/12/18 10:15	05/12/18 14:10
440-211213-5	AOC4-SV13-15DUP	Solid	05/12/18 10:20	05/12/18 14:10
440-211213-6	EB-51219-C	Water	05/12/18 10:45	05/12/18 14:10
440-211213-8	AOC4-SV11-5	Solid	05/12/18 11:04	05/12/18 14:10
440-211213-9	AOC4-SV11-15	Solid	05/12/18 11:30	05/12/18 14:10

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Job ID: 440-211213-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-211213-1

Comments

No additional comments.

Receipt

The samples were received on 5/12/2018 2:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): AOC4-SV11-15 (440-211213-9). On the COC sample ID was listed AO4-SV11-15 and on the container labels was listed AOC4-SAV11-15. Client was contacted concerning the sample ID for AOC4-SV11-15 (440-211213-9). The sample ID was changed per client's 5/14/18 email.

EPA 8260B analysis could not be performed on the trip blank sample; TB (440-211213-7). There was only one vial received for the trip blank and it cracked during storage in the lab's freezer prior to analysis.

GC/MS VOA

Method(s) 8260B: Surrogate recovery for 4-Bromofluorobenzene for the following sample was above the upper control limit: AOC4-SV12-5 (440-211213-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method(s) 8015B: Surrogate recoveries for the following batch QC samples were outside control limits for analytical batch 440-476869: (440-210928-F-4 MS) and (440-210928-F-4 MSD). Evidence of matrix interference is present.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch preparation batch 440-476183 and analytical batch 440-476494. The laboratory control sample (LCS) was performed in duplicate to provide precision data for the batch.

Method(s) 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 440-476777 and analytical batch 440-477820. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C / 8082: Elevated reporting limits are provided for the following sample due to insufficient sample volume of less than 250ml provided: EB-51219-C (440-211213-6).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV12-5

Lab Sample ID: 440-211213-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
ORO (C23-C40)	4.8	J	4.9	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV12-15

Lab Sample ID: 440-211213-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
ORO (C23-C40)	3.7	J	5.0	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV13-5

Lab Sample ID: 440-211213-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
ORO (C23-C40)	2.4	J	4.9	2.4	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV13-15

Lab Sample ID: 440-211213-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
ORO (C23-C40)	2.5	J	5.0	2.5	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV13-15DUP

Lab Sample ID: 440-211213-5

No Detections.

Client Sample ID: EB-51219-C

Lab Sample ID: 440-211213-6

No Detections.

Client Sample ID: AOC4-SV11-5

Lab Sample ID: 440-211213-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
ORO (C23-C40)	5.9		4.9	2.4	mg/Kg	1		8015B	Total/NA

Client Sample ID: AOC4-SV11-15

Lab Sample ID: 440-211213-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
ORO (C23-C40)	3.2	J	4.9	2.4	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV12-5

Lab Sample ID: 440-211213-1

Date Collected: 05/12/18 07:59

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Bromobenzene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Bromochloromethane	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Bromodichloromethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Bromoform	ND		4.0	1.6	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
2-Butanone (MEK)	ND		8.1	4.0	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Carbon tetrachloride	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Chlorobenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Chloroethane	ND		4.0	1.6	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Chloroform	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Chloromethane	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
2-Chlorotoluene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
4-Chlorotoluene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
cis-1,2-Dichloroethene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
cis-1,3-Dichloropropene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Dibromochloromethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2-Dibromoethane (EDB)	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Dibromomethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2-Dichlorobenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,3-Dichlorobenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,4-Dichlorobenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Dichlorodifluoromethane	ND		4.0	1.6	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,1-Dichloroethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2-Dichloroethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,1-Dichloroethene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2-Dichloropropane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,3-Dichloropropane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
2,2-Dichloropropane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,1-Dichloropropene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Ethylbenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Hexachlorobutadiene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Isopropylbenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Methylene Chloride	ND		16	4.0	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Methyl-t-Butyl Ether (MTBE)	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
m,p-Xylene	ND		3.2	1.6	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Naphthalene	ND		4.0	1.6	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
n-Butylbenzene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
N-Propylbenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
o-Xylene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
p-Isopropyltoluene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
sec-Butylbenzene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Styrene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
tert-Butylbenzene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,1,1,2-Tetrachloroethane	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Tetrachloroethene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Toluene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
trans-1,2-Dichloroethene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV12-5

Lab Sample ID: 440-211213-1

Date Collected: 05/12/18 07:59

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2,3-Trichlorobenzene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2,4-Trichlorobenzene	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,1,1-Trichloroethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,1,2-Trichloroethane	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Trichloroethene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Trichlorofluoromethane	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2,3-Trichloropropane	ND		8.1	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,2,4-Trimethylbenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
1,3,5-Trimethylbenzene	ND		1.6	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1
Vinyl chloride	ND		4.0	0.81	ug/Kg		05/17/18 09:39	05/17/18 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129	X	79 - 120	05/17/18 09:39	05/17/18 13:03	1
Dibromofluoromethane (Surr)	110		60 - 120	05/17/18 09:39	05/17/18 13:03	1
Toluene-d8 (Surr)	109		79 - 123	05/17/18 09:39	05/17/18 13:03	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390	150	ug/Kg			05/17/18 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69		65 - 140		05/17/18 22:10	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.5	mg/Kg		05/15/18 06:51	05/15/18 13:20	1
ORO (C23-C40)	4.8	J	4.9	2.5	mg/Kg		05/15/18 06:51	05/15/18 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	71		40 - 140	05/15/18 06:51	05/15/18 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		05/16/18 17:47	05/17/18 17:09	1
Aroclor 1221	ND		49	17	ug/Kg		05/16/18 17:47	05/17/18 17:09	1
Aroclor 1232	ND		49	17	ug/Kg		05/16/18 17:47	05/17/18 17:09	1
Aroclor 1242	ND		49	17	ug/Kg		05/16/18 17:47	05/17/18 17:09	1
Aroclor 1248	ND		49	17	ug/Kg		05/16/18 17:47	05/17/18 17:09	1
Aroclor 1254	ND		49	17	ug/Kg		05/16/18 17:47	05/17/18 17:09	1
Aroclor 1260	ND		49	17	ug/Kg		05/16/18 17:47	05/17/18 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	59		45 - 120	05/16/18 17:47	05/17/18 17:09	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV12-15

Lab Sample ID: 440-211213-2

Date Collected: 05/12/18 08:15

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Bromobenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Bromochloromethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Bromodichloromethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Bromoform	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
2-Butanone (MEK)	ND		7.8	3.9	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Carbon tetrachloride	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Chlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Chloroethane	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Chloroform	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Chloromethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
2-Chlorotoluene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
4-Chlorotoluene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
cis-1,2-Dichloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
cis-1,3-Dichloropropene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Dibromochloromethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2-Dibromo-3-Chloropropane	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2-Dibromoethane (EDB)	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Dibromomethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2-Dichlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,3-Dichlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,4-Dichlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Dichlorodifluoromethane	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,1-Dichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2-Dichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,1-Dichloroethene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2-Dichloropropane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,3-Dichloropropane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
2,2-Dichloropropane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,1-Dichloropropene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Ethylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Hexachlorobutadiene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Isopropylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Methylene Chloride	ND		16	3.9	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Methyl-t-Butyl Ether (MTBE)	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
m,p-Xylene	ND		3.1	1.6	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Naphthalene	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
n-Butylbenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
N-Propylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
o-Xylene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
p-Isopropyltoluene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
sec-Butylbenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Styrene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
tert-Butylbenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,1,1,2-Tetrachloroethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Tetrachloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Toluene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
trans-1,2-Dichloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV12-15

Lab Sample ID: 440-211213-2

Date Collected: 05/12/18 08:15

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2,3-Trichlorobenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2,4-Trichlorobenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,1,1-Trichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,1,2-Trichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Trichloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Trichlorofluoromethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2,3-Trichloropropane	ND		7.8	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,2,4-Trimethylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
1,3,5-Trimethylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1
Vinyl chloride	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		79 - 120	05/16/18 09:31	05/16/18 17:48	1
Dibromofluoromethane (Surr)	111		60 - 120	05/16/18 09:31	05/16/18 17:48	1
Toluene-d8 (Surr)	112		79 - 123	05/16/18 09:31	05/16/18 17:48	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			05/17/18 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		65 - 140		05/17/18 23:34	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		05/15/18 06:51	05/15/18 14:25	1
ORO (C23-C40)	3.7 J		5.0	2.5	mg/Kg		05/15/18 06:51	05/15/18 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	76		40 - 140	05/15/18 06:51	05/15/18 14:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 17:23	1
Aroclor 1221	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 17:23	1
Aroclor 1232	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 17:23	1
Aroclor 1242	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 17:23	1
Aroclor 1248	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 17:23	1
Aroclor 1254	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 17:23	1
Aroclor 1260	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	48		45 - 120	05/16/18 17:47	05/17/18 17:23	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV13-5

Lab Sample ID: 440-211213-3

Date Collected: 05/12/18 09:10

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Bromobenzene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Bromochloromethane	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Bromodichloromethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Bromoform	ND		3.6	1.4	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
2-Butanone (MEK)	ND		7.1	3.6	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Carbon tetrachloride	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Chlorobenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Chloroethane	ND		3.6	1.4	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Chloroform	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Chloromethane	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
2-Chlorotoluene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
4-Chlorotoluene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
cis-1,2-Dichloroethene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
cis-1,3-Dichloropropene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Dibromochloromethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2-Dibromo-3-Chloropropane	ND		3.6	1.4	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2-Dibromoethane (EDB)	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Dibromomethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2-Dichlorobenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,3-Dichlorobenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,4-Dichlorobenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Dichlorodifluoromethane	ND		3.6	1.4	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,1-Dichloroethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2-Dichloroethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,1-Dichloroethene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2-Dichloropropane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,3-Dichloropropane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
2,2-Dichloropropane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,1-Dichloropropene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Ethylbenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Hexachlorobutadiene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Isopropylbenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Methylene Chloride	ND		14	3.6	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Methyl-t-Butyl Ether (MTBE)	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
m,p-Xylene	ND		2.9	1.4	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Naphthalene	ND		3.6	1.4	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
n-Butylbenzene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
N-Propylbenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
o-Xylene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
p-Isopropyltoluene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
sec-Butylbenzene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Styrene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
tert-Butylbenzene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,1,1,2-Tetrachloroethane	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Tetrachloroethene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Toluene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
trans-1,2-Dichloroethene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV13-5

Lab Sample ID: 440-211213-3

Date Collected: 05/12/18 09:10

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2,3-Trichlorobenzene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2,4-Trichlorobenzene	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,1,1-Trichloroethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,1,2-Trichloroethane	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Trichloroethene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Trichlorofluoromethane	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2,3-Trichloropropane	ND		7.1	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,2,4-Trimethylbenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
1,3,5-Trimethylbenzene	ND		1.4	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Vinyl chloride	ND		3.6	0.71	ug/Kg		05/17/18 09:39	05/17/18 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		79 - 120				05/17/18 09:39	05/17/18 13:31	1
Dibromofluoromethane (Surr)	109		60 - 120				05/17/18 09:39	05/17/18 13:31	1
Toluene-d8 (Surr)	113		79 - 123				05/17/18 09:39	05/17/18 13:31	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			05/18/18 11:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		65 - 140					05/18/18 11:48	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 14:47	1
ORO (C23-C40)	2.4	J	4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	61		40 - 140				05/15/18 06:51	05/15/18 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:35	1
Aroclor 1221	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:35	1
Aroclor 1232	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:35	1
Aroclor 1242	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:35	1
Aroclor 1248	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:35	1
Aroclor 1254	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:35	1
Aroclor 1260	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	95		45 - 120				05/16/18 17:47	05/18/18 19:35	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV13-15

Lab Sample ID: 440-211213-4

Date Collected: 05/12/18 10:15

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Bromobenzene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Bromochloromethane	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Bromodichloromethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Bromoform	ND		3.7	1.5	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
2-Butanone (MEK)	ND		7.4	3.7	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Carbon tetrachloride	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Chlorobenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Chloroethane	ND		3.7	1.5	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Chloroform	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Chloromethane	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
2-Chlorotoluene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
4-Chlorotoluene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
cis-1,2-Dichloroethene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
cis-1,3-Dichloropropene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Dibromochloromethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2-Dibromo-3-Chloropropane	ND		3.7	1.5	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2-Dibromoethane (EDB)	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Dibromomethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2-Dichlorobenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,3-Dichlorobenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,4-Dichlorobenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Dichlorodifluoromethane	ND		3.7	1.5	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,1-Dichloroethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2-Dichloroethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,1-Dichloroethene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2-Dichloropropane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,3-Dichloropropane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
2,2-Dichloropropane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,1-Dichloropropene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Ethylbenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Hexachlorobutadiene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Isopropylbenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Methylene Chloride	ND		15	3.7	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Methyl-t-Butyl Ether (MTBE)	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
m,p-Xylene	ND		2.9	1.5	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Naphthalene	ND		3.7	1.5	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
n-Butylbenzene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
N-Propylbenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
o-Xylene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
p-Isopropyltoluene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
sec-Butylbenzene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Styrene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
tert-Butylbenzene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,1,1,2-Tetrachloroethane	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Tetrachloroethene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Toluene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
trans-1,2-Dichloroethene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV13-15

Lab Sample ID: 440-211213-4

Date Collected: 05/12/18 10:15

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2,3-Trichlorobenzene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2,4-Trichlorobenzene	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,1,1-Trichloroethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,1,2-Trichloroethane	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Trichloroethene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Trichlorofluoromethane	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2,3-Trichloropropane	ND		7.4	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,2,4-Trimethylbenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
1,3,5-Trimethylbenzene	ND		1.5	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1
Vinyl chloride	ND		3.7	0.74	ug/Kg		05/17/18 09:39	05/17/18 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		79 - 120	05/17/18 09:39	05/17/18 13:58	1
Dibromofluoromethane (Surr)	109		60 - 120	05/17/18 09:39	05/17/18 13:58	1
Toluene-d8 (Surr)	111		79 - 123	05/17/18 09:39	05/17/18 13:58	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			05/18/18 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67		65 - 140		05/18/18 00:29	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		05/15/18 06:51	05/15/18 15:08	1
ORO (C23-C40)	2.5 J		5.0	2.5	mg/Kg		05/15/18 06:51	05/15/18 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	69		40 - 140	05/15/18 06:51	05/15/18 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:51	1
Aroclor 1221	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:51	1
Aroclor 1232	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:51	1
Aroclor 1242	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:51	1
Aroclor 1248	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:51	1
Aroclor 1254	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:51	1
Aroclor 1260	ND		49	17	ug/Kg		05/16/18 17:47	05/18/18 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	86		45 - 120	05/16/18 17:47	05/18/18 19:51	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV13-15DUP

Lab Sample ID: 440-211213-5

Date Collected: 05/12/18 10:20

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Bromobenzene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Bromochloromethane	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Bromodichloromethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Bromoform	ND		3.5	1.4	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
2-Butanone (MEK)	ND		7.0	3.5	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Carbon tetrachloride	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Chlorobenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Chloroethane	ND		3.5	1.4	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Chloroform	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Chloromethane	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
2-Chlorotoluene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
4-Chlorotoluene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
cis-1,2-Dichloroethene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
cis-1,3-Dichloropropene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Dibromochloromethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2-Dibromo-3-Chloropropane	ND		3.5	1.4	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2-Dibromoethane (EDB)	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Dibromomethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2-Dichlorobenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,3-Dichlorobenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,4-Dichlorobenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Dichlorodifluoromethane	ND		3.5	1.4	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,1-Dichloroethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2-Dichloroethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,1-Dichloroethene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2-Dichloropropane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,3-Dichloropropane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
2,2-Dichloropropane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,1-Dichloropropene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Ethylbenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Hexachlorobutadiene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Isopropylbenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Methylene Chloride	ND		14	3.5	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Methyl-t-Butyl Ether (MTBE)	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
m,p-Xylene	ND		2.8	1.4	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Naphthalene	ND		3.5	1.4	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
n-Butylbenzene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
N-Propylbenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
o-Xylene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
p-Isopropyltoluene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
sec-Butylbenzene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Styrene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
tert-Butylbenzene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,1,1,2-Tetrachloroethane	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Tetrachloroethene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Toluene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
trans-1,2-Dichloroethene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV13-15DUP

Lab Sample ID: 440-211213-5

Date Collected: 05/12/18 10:20

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2,3-Trichlorobenzene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2,4-Trichlorobenzene	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,1,1-Trichloroethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,1,2-Trichloroethane	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Trichloroethene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Trichlorofluoromethane	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2,3-Trichloropropane	ND		7.0	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,2,4-Trimethylbenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
1,3,5-Trimethylbenzene	ND		1.4	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1
Vinyl chloride	ND		3.5	0.70	ug/Kg		05/16/18 09:31	05/16/18 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		79 - 120	05/16/18 09:31	05/16/18 18:03	1
Dibromofluoromethane (Surr)	108		60 - 120	05/16/18 09:31	05/16/18 18:03	1
Toluene-d8 (Surr)	108		79 - 123	05/16/18 09:31	05/16/18 18:03	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		390	150	ug/Kg			05/18/18 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		65 - 140		05/18/18 13:12	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 15:30	1
ORO (C23-C40)	ND		4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	71		40 - 140	05/15/18 06:51	05/15/18 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		48	16	ug/Kg		05/16/18 17:47	05/18/18 20:06	1
Aroclor 1221	ND		48	16	ug/Kg		05/16/18 17:47	05/18/18 20:06	1
Aroclor 1232	ND		48	16	ug/Kg		05/16/18 17:47	05/18/18 20:06	1
Aroclor 1242	ND		48	16	ug/Kg		05/16/18 17:47	05/18/18 20:06	1
Aroclor 1248	ND		48	16	ug/Kg		05/16/18 17:47	05/18/18 20:06	1
Aroclor 1254	ND		48	16	ug/Kg		05/16/18 17:47	05/18/18 20:06	1
Aroclor 1260	ND		48	16	ug/Kg		05/16/18 17:47	05/18/18 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	65		45 - 120	05/16/18 17:47	05/18/18 20:06	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: EB-51219-C

Lab Sample ID: 440-211213-6

Date Collected: 05/12/18 10:45

Matrix: Water

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Bromobenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Bromochloromethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Bromodichloromethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Bromoform	ND		1.0	0.40	ug/L			05/18/18 04:37	1
Bromomethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			05/18/18 04:37	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Chlorobenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Chloroethane	ND		1.0	0.40	ug/L			05/18/18 04:37	1
Chloroform	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Chloromethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Dibromochloromethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			05/18/18 04:37	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Dibromomethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			05/18/18 04:37	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			05/18/18 04:37	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Ethylbenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Isopropylbenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Methylene Chloride	ND		2.0	0.88	ug/L			05/18/18 04:37	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			05/18/18 04:37	1
m,p-Xylene	ND		1.0	0.50	ug/L			05/18/18 04:37	1
Naphthalene	ND		1.0	0.40	ug/L			05/18/18 04:37	1
n-Butylbenzene	ND		1.0	0.40	ug/L			05/18/18 04:37	1
N-Propylbenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
o-Xylene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Styrene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Tetrachloroethene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Toluene	ND		0.50	0.25	ug/L			05/18/18 04:37	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: EB-51219-C

Lab Sample ID: 440-211213-6

Date Collected: 05/12/18 10:45

Matrix: Water

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			05/18/18 04:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			05/18/18 04:37	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Trichloroethene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			05/18/18 04:37	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			05/18/18 04:37	1
Vinyl chloride	ND		0.50	0.25	ug/L			05/18/18 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		05/18/18 04:37	1
Dibromofluoromethane (Surr)	100		76 - 132		05/18/18 04:37	1
Toluene-d8 (Surr)	109		80 - 128		05/18/18 04:37	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50	25	ug/L			05/18/18 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		65 - 140		05/18/18 07:34	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		0.52	0.26	mg/L		05/15/18 08:36	05/16/18 12:31	1
ORO (C23-C40)	ND		0.52	0.26	mg/L		05/15/18 08:36	05/16/18 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	72		45 - 120	05/15/18 08:36	05/16/18 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.2	0.58	ug/L		05/17/18 06:50	05/22/18 13:15	1
Aroclor 1221	ND		1.2	0.58	ug/L		05/17/18 06:50	05/22/18 13:15	1
Aroclor 1232	ND		1.2	0.58	ug/L		05/17/18 06:50	05/22/18 13:15	1
Aroclor 1242	ND		1.2	0.58	ug/L		05/17/18 06:50	05/22/18 13:15	1
Aroclor 1248	ND		1.2	0.58	ug/L		05/17/18 06:50	05/22/18 13:15	1
Aroclor 1254	ND		1.2	0.58	ug/L		05/17/18 06:50	05/22/18 13:15	1
Aroclor 1260	ND		1.2	0.58	ug/L		05/17/18 06:50	05/22/18 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	101		26 - 115	05/17/18 06:50	05/22/18 13:15	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV11-5

Lab Sample ID: 440-211213-8

Date Collected: 05/12/18 11:04

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Bromobenzene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Bromochloromethane	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Bromodichloromethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Bromoform	ND		4.1	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
2-Butanone (MEK)	ND		8.1	4.1	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Carbon tetrachloride	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Chlorobenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Chloroethane	ND		4.1	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Chloroform	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Chloromethane	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
2-Chlorotoluene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
4-Chlorotoluene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
cis-1,2-Dichloroethene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
cis-1,3-Dichloropropene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Dibromochloromethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2-Dibromo-3-Chloropropane	ND		4.1	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2-Dibromoethane (EDB)	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Dibromomethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2-Dichlorobenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,3-Dichlorobenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,4-Dichlorobenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Dichlorodifluoromethane	ND		4.1	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,1-Dichloroethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2-Dichloroethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,1-Dichloroethene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2-Dichloropropane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,3-Dichloropropane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
2,2-Dichloropropane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,1-Dichloropropene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Ethylbenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Hexachlorobutadiene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Isopropylbenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Methylene Chloride	ND		16	4.1	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Methyl-t-Butyl Ether (MTBE)	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
m,p-Xylene	ND		3.2	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Naphthalene	ND		4.1	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
n-Butylbenzene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
N-Propylbenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
o-Xylene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
p-Isopropyltoluene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
sec-Butylbenzene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Styrene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
tert-Butylbenzene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,1,1,2-Tetrachloroethane	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Tetrachloroethene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Toluene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
trans-1,2-Dichloroethene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV11-5

Lab Sample ID: 440-211213-8

Date Collected: 05/12/18 11:04

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2,3-Trichlorobenzene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2,4-Trichlorobenzene	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,1,1-Trichloroethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,1,2-Trichloroethane	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Trichloroethene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Trichlorofluoromethane	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2,3-Trichloropropane	ND		8.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,2,4-Trimethylbenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
1,3,5-Trimethylbenzene	ND		1.6	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1
Vinyl chloride	ND		4.1	0.81	ug/Kg		05/16/18 09:31	05/16/18 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		79 - 120	05/16/18 09:31	05/16/18 18:30	1
Dibromofluoromethane (Surr)	108		60 - 120	05/16/18 09:31	05/16/18 18:30	1
Toluene-d8 (Surr)	110		79 - 123	05/16/18 09:31	05/16/18 18:30	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			05/18/18 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		65 - 140		05/18/18 13:40	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 15:53	1
ORO (C23-C40)	5.9		4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	71		40 - 140	05/15/18 06:51	05/15/18 15:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:22	1
Aroclor 1221	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:22	1
Aroclor 1232	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:22	1
Aroclor 1242	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:22	1
Aroclor 1248	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:22	1
Aroclor 1254	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:22	1
Aroclor 1260	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	91		45 - 120	05/16/18 17:47	05/18/18 20:22	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV11-15

Lab Sample ID: 440-211213-9

Date Collected: 05/12/18 11:30

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Bromobenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Bromochloromethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Bromodichloromethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Bromoform	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
2-Butanone (MEK)	ND		7.8	3.9	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Carbon tetrachloride	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Chlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Chloroethane	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Chloroform	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Chloromethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
2-Chlorotoluene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
4-Chlorotoluene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
cis-1,2-Dichloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
cis-1,3-Dichloropropene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Dibromochloromethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2-Dibromo-3-Chloropropane	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2-Dibromoethane (EDB)	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Dibromomethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2-Dichlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,3-Dichlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,4-Dichlorobenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Dichlorodifluoromethane	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,1-Dichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2-Dichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,1-Dichloroethene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2-Dichloropropane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,3-Dichloropropane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
2,2-Dichloropropane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,1-Dichloropropene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Ethylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Hexachlorobutadiene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Isopropylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Methylene Chloride	ND		16	3.9	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Methyl-t-Butyl Ether (MTBE)	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
m,p-Xylene	ND		3.1	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Naphthalene	ND		3.9	1.6	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
n-Butylbenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
N-Propylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
o-Xylene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
p-Isopropyltoluene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
sec-Butylbenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Styrene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
tert-Butylbenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,1,1,2-Tetrachloroethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Tetrachloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Toluene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
trans-1,2-Dichloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV11-15

Lab Sample ID: 440-211213-9

Date Collected: 05/12/18 11:30

Matrix: Solid

Date Received: 05/12/18 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2,3-Trichlorobenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2,4-Trichlorobenzene	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,1,1-Trichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,1,2-Trichloroethane	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Trichloroethene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Trichlorofluoromethane	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2,3-Trichloropropane	ND		7.8	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,2,4-Trimethylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
1,3,5-Trimethylbenzene	ND		1.6	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1
Vinyl chloride	ND		3.9	0.78	ug/Kg		05/16/18 09:31	05/16/18 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		79 - 120	05/16/18 09:31	05/16/18 18:56	1
Dibromofluoromethane (Surr)	107		60 - 120	05/16/18 09:31	05/16/18 18:56	1
Toluene-d8 (Surr)	110		79 - 123	05/16/18 09:31	05/16/18 18:56	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			05/18/18 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		65 - 140		05/18/18 01:53	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 16:37	1
ORO (C23-C40)	3.2 J		4.9	2.4	mg/Kg		05/15/18 06:51	05/15/18 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	66		40 - 140	05/15/18 06:51	05/15/18 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:37	1
Aroclor 1221	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:37	1
Aroclor 1232	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:37	1
Aroclor 1242	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:37	1
Aroclor 1248	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:37	1
Aroclor 1254	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:37	1
Aroclor 1260	ND		50	17	ug/Kg		05/16/18 17:47	05/18/18 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	68		45 - 120	05/16/18 17:47	05/18/18 20:37	1

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (79-120)	DBFM (60-120)	TOL (79-123)
440-211119-C-1 MS	Matrix Spike	103	103	98
440-211119-C-1 MSD	Matrix Spike Duplicate	104	105	105
440-211213-1	AOC4-SV12-5	129 X	110	109
440-211213-2	AOC4-SV12-15	110	111	112
440-211213-3	AOC4-SV13-5	117	109	113
440-211213-4	AOC4-SV13-15	109	109	111
440-211213-5	AOC4-SV13-15DUP	100	108	108
440-211213-8	AOC4-SV11-5	108	108	110
440-211213-9	AOC4-SV11-15	110	107	110
LCS 440-476451/4	Lab Control Sample	95	103	97
LCS 440-476460/6	Lab Control Sample	100	106	100
LCS 440-476762/6	Lab Control Sample	105	109	99
LCSD 440-476451/5	Lab Control Sample Dup	96	104	98
LCSD 440-476762/7	Lab Control Sample Dup	98	104	106
MB 440-476451/3	Method Blank	99	101	107
MB 440-476460/5	Method Blank	105	104	114
MB 440-476762/5	Method Blank	104	106	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (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)		
		BFB (80-120)	DBFM (76-132)	TOL (80-128)
440-210891-B-1 MS	Matrix Spike	99	99	108
440-210891-B-1 MSD	Matrix Spike Duplicate	99	96	108
440-211213-6	EB-51219-C	101	100	109
LCS 440-477018/4	Lab Control Sample	98	96	107
MB 440-477018/3	Method Blank	98	96	113

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB1 (65-140)		
440-211213-1	AOC4-SV12-5	69		
440-211213-1 MS	AOC4-SV12-5	79		
440-211213-1 MSD	AOC4-SV12-5	83		
440-211213-2	AOC4-SV12-15	83		

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-211213-3	AOC4-SV13-5	95
440-211213-3 MS	AOC4-SV13-5	105
440-211213-3 MSD	AOC4-SV13-5	102
440-211213-4	AOC4-SV13-15	67
440-211213-5	AOC4-SV13-15DUP	84
440-211213-8	AOC4-SV11-5	81
440-211213-9	AOC4-SV11-15	75
LCS 440-476917/25	Lab Control Sample	106
LCS 440-477126/4	Lab Control Sample	100
LCSD 440-476917/36	Lab Control Sample Dup	107
LCSD 440-477126/5	Lab Control Sample Dup	96
MB 440-476917/35	Method Blank	88
MB 440-477126/6	Method Blank	94
Surrogate Legend		
BFB = 4-Bromofluorobenzene (Surr)		

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-210928-F-4 MS	Matrix Spike	149 X
440-210928-F-4 MSD	Matrix Spike Duplicate	146 X
440-211213-6	EB-51219-C	82
LCS 440-476869/32	Lab Control Sample	105
MB 440-476869/33	Method Blank	86
Surrogate Legend		
BFB = 4-Bromofluorobenzene (Surr)		

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTCN1 (40-140)
440-211213-1	AOC4-SV12-5	71
440-211213-1 MS	AOC4-SV12-5	80
440-211213-1 MSD	AOC4-SV12-5	82
440-211213-2	AOC4-SV12-15	76
440-211213-3	AOC4-SV13-5	61
440-211213-4	AOC4-SV13-15	69
440-211213-5	AOC4-SV13-15DUP	71
440-211213-8	AOC4-SV11-5	71
440-211213-9	AOC4-SV11-15	66
LCS 440-476166/2-A	Lab Control Sample	82
MB 440-476166/1-A	Method Blank	89

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Surrogate Legend

OTCN = n-Octacosane

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCN1 (45-120)
440-211213-6	EB-51219-C	72
LCS 440-476183/2-A	Lab Control Sample	91
LCSD 440-476183/3-A	Lab Control Sample Dup	78
MB 440-476183/1-A	Method Blank	76

Surrogate Legend

OTCN = n-Octacosane

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	DCB2 (45-120)
440-211172-A-17-A MS	Matrix Spike	52
440-211172-A-17-B MSD	Matrix Spike Duplicate	49
440-211213-1	AOC4-SV12-5	59
440-211213-2	AOC4-SV12-15	48
440-211213-3	AOC4-SV13-5	95
440-211213-4	AOC4-SV13-15	86
440-211213-5	AOC4-SV13-15DUP	65
440-211213-8	AOC4-SV11-5	91
440-211213-9	AOC4-SV11-15	68
LCS 440-476384/2-A	Lab Control Sample	91
MB 440-476384/1-A	Method Blank	87

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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	DCB2 (26-115)
440-211213-6	EB-51219-C	101
LCS 440-476777/2-A	Lab Control Sample	106
LCSD 440-476777/3-A	Lab Control Sample Dup	101
MB 440-476777/1-A	Method Blank	107

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL IRV
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL IRV
3546	Microwave Extraction	SW846	TAL IRV
5030B	Purge and Trap	SW846	TAL IRV
5035	Closed System Purge and Trap	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV12-5

Date Collected: 05/12/18 07:59

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.21 g	10 mL	476844	05/17/18 09:39	HR	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	476762	05/17/18 13:03	HR	TAL IRV
Total/NA	Analysis	8015B		1	5.07 g	10 mL	476917	05/17/18 22:10	IM	TAL IRV
Total/NA	Prep	3546			15.20 g	1 mL	476166	05/15/18 06:51	L1A	TAL IRV
Total/NA	Analysis	8015B		1			476182	05/15/18 13:20	LMB	TAL IRV
Total/NA	Prep	3546			15.23 g	2 mL	476384	05/16/18 17:47	VA	TAL IRV
Total/NA	Analysis	8082		1			476840	05/17/18 17:09	D1D	TAL IRV

Client Sample ID: AOC4-SV12-15

Date Collected: 05/12/18 08:15

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.37 g	10 mL	476499	05/16/18 09:31	HR	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	476460	05/16/18 17:48	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.04 g	10 mL	476917	05/17/18 23:34	IM	TAL IRV
Total/NA	Prep	3546			15.05 g	1 mL	476166	05/15/18 06:51	L1A	TAL IRV
Total/NA	Analysis	8015B		1			476182	05/15/18 14:25	LMB	TAL IRV
Total/NA	Prep	3546			15.00 g	2 mL	476384	05/16/18 17:47	VA	TAL IRV
Total/NA	Analysis	8082		1			476840	05/17/18 17:23	D1D	TAL IRV

Client Sample ID: AOC4-SV13-5

Date Collected: 05/12/18 09:10

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7 g	10 mL	476844	05/17/18 09:39	HR	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	476762	05/17/18 13:31	HR	TAL IRV
Total/NA	Analysis	8015B		1	5.03 g	10 mL	477126	05/18/18 11:48	KGL	TAL IRV
Total/NA	Prep	3546			15.38 g	1 mL	476166	05/15/18 06:51	L1A	TAL IRV
Total/NA	Analysis	8015B		1			476182	05/15/18 14:47	LMB	TAL IRV
Total/NA	Prep	3546			15.32 g	2 mL	476384	05/16/18 17:47	VA	TAL IRV
Total/NA	Analysis	8082		1			477166	05/18/18 19:35	D1D	TAL IRV

Client Sample ID: AOC4-SV13-15

Date Collected: 05/12/18 10:15

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.8 g	10 mL	476844	05/17/18 09:39	HR	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	476762	05/17/18 13:58	HR	TAL IRV
Total/NA	Analysis	8015B		1	5.05 g	10 mL	476917	05/18/18 00:29	IM	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV13-15

Date Collected: 05/12/18 10:15

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.09 g	1 mL	476166	05/15/18 06:51	L1A	TAL IRV
Total/NA	Analysis	8015B		1			476182	05/15/18 15:08	LMB	TAL IRV
Total/NA	Prep	3546			15.20 g	2 mL	476384	05/16/18 17:47	VA	TAL IRV
Total/NA	Analysis	8082		1			477166	05/18/18 19:51	D1D	TAL IRV

Client Sample ID: AOC4-SV13-15DUP

Date Collected: 05/12/18 10:20

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.14 g	10 mL	476499	05/16/18 09:31	HR	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	476451	05/16/18 18:03	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.08 g	10 mL	477126	05/18/18 13:12	KGL	TAL IRV
Total/NA	Prep	3546			15.36 g	1 mL	476166	05/15/18 06:51	L1A	TAL IRV
Total/NA	Analysis	8015B		1			476182	05/15/18 15:30	LMB	TAL IRV
Total/NA	Prep	3546			15.47 g	2 mL	476384	05/16/18 17:47	VA	TAL IRV
Total/NA	Analysis	8082		1			477166	05/18/18 20:06	D1D	TAL IRV

Client Sample ID: EB-51219-C

Date Collected: 05/12/18 10:45

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-6

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	10 mL	10 mL	477018	05/18/18 04:37	OH1	TAL IRV
Total/NA	Analysis	8015B		1	10 mL	10 mL	476869	05/18/18 07:34	KGL	TAL IRV
Total/NA	Prep	3510C			240 mL	1 mL	476183	05/15/18 08:36	L1H	TAL IRV
Total/NA	Analysis	8015B		1			476494	05/16/18 12:31	LMB	TAL IRV
Total/NA	Prep	3510C			215 mL	2 mL	476777	05/17/18 06:50	L1H	TAL IRV
Total/NA	Analysis	8082		1			477820	05/22/18 13:15	JM	TAL IRV

Client Sample ID: AOC4-SV11-5

Date Collected: 05/12/18 11:04

Date Received: 05/12/18 14:10

Lab Sample ID: 440-211213-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.16 g	10 mL	476499	05/16/18 09:31	HR	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	476451	05/16/18 18:30	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.03 g	10 mL	477126	05/18/18 13:40	KGL	TAL IRV
Total/NA	Prep	3546			15.38 g	1 mL	476166	05/15/18 06:51	L1A	TAL IRV
Total/NA	Analysis	8015B		1			476182	05/15/18 15:53	LMB	TAL IRV
Total/NA	Prep	3546			15.05 g	2 mL	476384	05/16/18 17:47	VA	TAL IRV
Total/NA	Analysis	8082		1			477166	05/18/18 20:22	D1D	TAL IRV

TestAmerica Irvine

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Client Sample ID: AOC4-SV11-15

Lab Sample ID: 440-211213-9

Date Collected: 05/12/18 11:30

Matrix: Solid

Date Received: 05/12/18 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.41 g	10 mL	476499	05/16/18 09:31	HR	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	476451	05/16/18 18:56	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.04 g	10 mL	476917	05/18/18 01:53	IM	TAL IRV
Total/NA	Prep	3546			15.43 g	1 mL	476166	05/15/18 06:51	L1A	TAL IRV
Total/NA	Analysis	8015B		1			476182	05/15/18 16:37	LMB	TAL IRV
Total/NA	Prep	3546			15.07 g	2 mL	476384	05/16/18 17:47	VA	TAL IRV
Total/NA	Analysis	8082		1			477166	05/18/18 20:37	D1D	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: MB 440-476451/3

Matrix: Solid

Analysis Batch: 476451

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Bromobenzene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
Bromochloromethane	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
Bromodichloromethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Bromoform	ND		5.0	2.0	ug/Kg			05/16/18 08:11	1
2-Butanone (MEK)	ND		10	5.0	ug/Kg			05/16/18 08:11	1
Carbon tetrachloride	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
Chlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Chloroethane	ND		5.0	2.0	ug/Kg			05/16/18 08:11	1
Chloroform	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Chloromethane	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
2-Chlorotoluene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
4-Chlorotoluene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
cis-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
cis-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Dibromochloromethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/Kg			05/16/18 08:11	1
1,2-Dibromoethane (EDB)	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Dibromomethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,2-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,3-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,4-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Dichlorodifluoromethane	ND		5.0	2.0	ug/Kg			05/16/18 08:11	1
1,1-Dichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,2-Dichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,1-Dichloroethene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
1,2-Dichloropropane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,3-Dichloropropane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
2,2-Dichloropropane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,1-Dichloropropene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Ethylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Hexachlorobutadiene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
Isopropylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Methylene Chloride	ND		20	5.0	ug/Kg			05/16/18 08:11	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
m,p-Xylene	ND		4.0	2.0	ug/Kg			05/16/18 08:11	1
Naphthalene	ND		5.0	2.0	ug/Kg			05/16/18 08:11	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
N-Propylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
o-Xylene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
p-Isopropyltoluene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
sec-Butylbenzene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
Styrene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
tert-Butylbenzene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
1,1,1,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Tetrachloroethene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Toluene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: MB 440-476451/3

Matrix: Solid

Analysis Batch: 476451

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
trans-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
1,1,1-Trichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,1,2-Trichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Trichloroethene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1
1,2,3-Trichloropropane	ND		10	1.0	ug/Kg			05/16/18 08:11	1
1,2,4-Trimethylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
1,3,5-Trimethylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 08:11	1
Vinyl chloride	ND		5.0	1.0	ug/Kg			05/16/18 08:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		79 - 120		05/16/18 08:11	1
Dibromofluoromethane (Surr)	101		60 - 120		05/16/18 08:11	1
Toluene-d8 (Surr)	107		79 - 123		05/16/18 08:11	1

Lab Sample ID: LCS 440-476451/4

Matrix: Solid

Analysis Batch: 476451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.4		ug/Kg		101	65 - 120
Bromobenzene	50.0	49.0		ug/Kg		98	75 - 120
Bromochloromethane	50.0	50.4		ug/Kg		101	70 - 135
Bromodichloromethane	50.0	50.5		ug/Kg		101	70 - 135
Bromoform	50.0	50.0		ug/Kg		100	55 - 135
Bromomethane	50.0	43.9		ug/Kg		88	60 - 145
2-Butanone (MEK)	50.0	48.1		ug/Kg		96	40 - 145
Carbon tetrachloride	50.0	49.3		ug/Kg		99	65 - 140
Chlorobenzene	50.0	49.5		ug/Kg		99	75 - 120
Chloroethane	50.0	44.2		ug/Kg		88	60 - 140
Chloroform	50.0	51.3		ug/Kg		103	70 - 130
Chloromethane	50.0	39.5		ug/Kg		79	45 - 145
2-Chlorotoluene	50.0	48.2		ug/Kg		96	70 - 125
4-Chlorotoluene	50.0	49.3		ug/Kg		99	75 - 125
cis-1,2-Dichloroethene	50.0	50.6		ug/Kg		101	70 - 125
cis-1,3-Dichloropropene	50.0	52.3		ug/Kg		105	75 - 125
Dibromochloromethane	50.0	51.1		ug/Kg		102	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	48.2		ug/Kg		96	50 - 135
1,2-Dibromoethane (EDB)	50.0	49.5		ug/Kg		99	70 - 130
Dibromomethane	50.0	52.3		ug/Kg		105	70 - 130
1,2-Dichlorobenzene	50.0	51.6		ug/Kg		103	75 - 120
1,3-Dichlorobenzene	50.0	50.3		ug/Kg		101	75 - 125
1,4-Dichlorobenzene	50.0	51.0		ug/Kg		102	75 - 120
Dichlorodifluoromethane	50.0	32.0		ug/Kg		64	35 - 160
1,1-Dichloroethane	50.0	51.1		ug/Kg		102	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCS 440-476451/4

Matrix: Solid

Analysis Batch: 476451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	52.5		ug/Kg		105	60 - 140
1,1-Dichloroethene	50.0	45.7		ug/Kg		91	70 - 125
1,2-Dichloropropane	50.0	51.2		ug/Kg		102	70 - 130
1,3-Dichloropropane	50.0	50.7		ug/Kg		101	70 - 125
2,2-Dichloropropane	50.0	49.5		ug/Kg		99	60 - 145
1,1-Dichloropropene	50.0	51.0		ug/Kg		102	70 - 130
Ethylbenzene	50.0	49.6		ug/Kg		99	70 - 125
Hexachlorobutadiene	50.0	49.6		ug/Kg		99	60 - 135
Isopropylbenzene	50.0	48.6		ug/Kg		97	75 - 130
Methylene Chloride	50.0	44.2		ug/Kg		88	55 - 135
Methyl-t-Butyl Ether (MTBE)	50.0	51.7		ug/Kg		103	60 - 140
m,p-Xylene	50.0	48.1		ug/Kg		96	70 - 125
Naphthalene	50.0	51.2		ug/Kg		102	55 - 135
n-Butylbenzene	50.0	49.5		ug/Kg		99	70 - 130
N-Propylbenzene	50.0	49.0		ug/Kg		98	70 - 130
o-Xylene	50.0	49.9		ug/Kg		100	70 - 125
p-Isopropyltoluene	50.0	49.3		ug/Kg		99	75 - 125
sec-Butylbenzene	50.0	48.0		ug/Kg		96	70 - 125
Styrene	50.0	49.3		ug/Kg		99	75 - 130
tert-Butylbenzene	50.0	48.3		ug/Kg		97	70 - 125
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/Kg		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/Kg		100	55 - 140
Tetrachloroethene	50.0	47.5		ug/Kg		95	70 - 125
Toluene	50.0	50.5		ug/Kg		101	70 - 125
trans-1,2-Dichloroethene	50.0	49.7		ug/Kg		99	70 - 125
trans-1,3-Dichloropropene	50.0	50.6		ug/Kg		101	70 - 135
1,2,3-Trichlorobenzene	50.0	52.1		ug/Kg		104	60 - 130
1,2,4-Trichlorobenzene	50.0	50.6		ug/Kg		101	70 - 135
1,1,1-Trichloroethane	50.0	49.9		ug/Kg		100	65 - 135
1,1,2-Trichloroethane	50.0	51.2		ug/Kg		102	65 - 135
Trichloroethene	50.0	49.0		ug/Kg		98	70 - 125
Trichlorofluoromethane	50.0	45.0		ug/Kg		90	60 - 145
1,2,3-Trichloropropane	50.0	47.0		ug/Kg		94	60 - 135
1,2,4-Trimethylbenzene	50.0	49.3		ug/Kg		99	70 - 125
1,3,5-Trimethylbenzene	50.0	49.8		ug/Kg		100	70 - 125
Vinyl chloride	50.0	46.0		ug/Kg		92	55 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		79 - 120
Dibromofluoromethane (Surr)	103		60 - 120
Toluene-d8 (Surr)	97		79 - 123

Lab Sample ID: LCSD 440-476451/5

Matrix: Solid

Analysis Batch: 476451

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	53.4		ug/Kg		107	65 - 120	6	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCSD 440-476451/5

Matrix: Solid

Analysis Batch: 476451

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	50.2		ug/Kg		100	75 - 120	2	20
Bromochloromethane	50.0	53.1		ug/Kg		106	70 - 135	5	20
Bromodichloromethane	50.0	53.9		ug/Kg		108	70 - 135	7	20
Bromoform	50.0	51.1		ug/Kg		102	55 - 135	2	25
Bromomethane	50.0	48.1		ug/Kg		96	60 - 145	9	20
2-Butanone (MEK)	50.0	54.1		ug/Kg		108	40 - 145	12	35
Carbon tetrachloride	50.0	50.5		ug/Kg		101	65 - 140	2	20
Chlorobenzene	50.0	50.0		ug/Kg		100	75 - 120	1	20
Chloroethane	50.0	47.1		ug/Kg		94	60 - 140	7	25
Chloroform	50.0	53.6		ug/Kg		107	70 - 130	4	20
Chloromethane	50.0	42.9		ug/Kg		86	45 - 145	8	25
2-Chlorotoluene	50.0	50.6		ug/Kg		101	70 - 125	5	20
4-Chlorotoluene	50.0	51.0		ug/Kg		102	75 - 125	3	20
cis-1,2-Dichloroethene	50.0	52.4		ug/Kg		105	70 - 125	3	20
cis-1,3-Dichloropropene	50.0	53.1		ug/Kg		106	75 - 125	1	20
Dibromochloromethane	50.0	52.1		ug/Kg		104	65 - 140	2	20
1,2-Dibromo-3-Chloropropane	50.0	51.6		ug/Kg		103	50 - 135	7	30
1,2-Dibromoethane (EDB)	50.0	51.4		ug/Kg		103	70 - 130	4	20
Dibromomethane	50.0	55.6		ug/Kg		111	70 - 130	6	20
1,2-Dichlorobenzene	50.0	53.7		ug/Kg		107	75 - 120	4	20
1,3-Dichlorobenzene	50.0	51.5		ug/Kg		103	75 - 125	2	20
1,4-Dichlorobenzene	50.0	52.7		ug/Kg		105	75 - 120	3	20
Dichlorodifluoromethane	50.0	39.6		ug/Kg		79	35 - 160	21	30
1,1-Dichloroethane	50.0	52.4		ug/Kg		105	70 - 130	2	20
1,2-Dichloroethane	50.0	56.0		ug/Kg		112	60 - 140	6	20
1,1-Dichloroethene	50.0	48.5		ug/Kg		97	70 - 125	6	20
1,2-Dichloropropane	50.0	54.5		ug/Kg		109	70 - 130	6	20
1,3-Dichloropropane	50.0	52.5		ug/Kg		105	70 - 125	3	20
2,2-Dichloropropane	50.0	50.6		ug/Kg		101	60 - 145	2	20
1,1-Dichloropropene	50.0	53.5		ug/Kg		107	70 - 130	5	20
Ethylbenzene	50.0	50.8		ug/Kg		102	70 - 125	2	20
Hexachlorobutadiene	50.0	50.1		ug/Kg		100	60 - 135	1	20
Isopropylbenzene	50.0	49.7		ug/Kg		99	75 - 130	2	20
Methylene Chloride	50.0	47.0		ug/Kg		94	55 - 135	6	20
Methyl-t-Butyl Ether (MTBE)	50.0	55.0		ug/Kg		110	60 - 140	6	25
m,p-Xylene	50.0	48.8		ug/Kg		98	70 - 125	1	20
Naphthalene	50.0	54.0		ug/Kg		108	55 - 135	5	25
n-Butylbenzene	50.0	50.3		ug/Kg		101	70 - 130	2	20
N-Propylbenzene	50.0	51.1		ug/Kg		102	70 - 130	4	20
o-Xylene	50.0	50.4		ug/Kg		101	70 - 125	1	20
p-Isopropyltoluene	50.0	50.5		ug/Kg		101	75 - 125	2	20
sec-Butylbenzene	50.0	49.4		ug/Kg		99	70 - 125	3	20
Styrene	50.0	50.6		ug/Kg		101	75 - 130	3	20
tert-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 125	2	20
1,1,1,2-Tetrachloroethane	50.0	53.4		ug/Kg		107	70 - 130	3	20
1,1,2,2-Tetrachloroethane	50.0	51.4		ug/Kg		103	55 - 140	3	30
Tetrachloroethene	50.0	48.0		ug/Kg		96	70 - 125	1	20
Toluene	50.0	51.8		ug/Kg		104	70 - 125	3	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCSD 440-476451/5

Matrix: Solid

Analysis Batch: 476451

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	50.0	51.0		ug/Kg		102	70 - 125	2	20
trans-1,3-Dichloropropene	50.0	52.0		ug/Kg		104	70 - 135	3	20
1,2,3-Trichlorobenzene	50.0	54.2		ug/Kg		108	60 - 130	4	20
1,2,4-Trichlorobenzene	50.0	52.5		ug/Kg		105	70 - 135	4	20
1,1,1-Trichloroethane	50.0	51.7		ug/Kg		103	65 - 135	4	20
1,1,2-Trichloroethane	50.0	53.4		ug/Kg		107	65 - 135	4	20
Trichloroethene	50.0	51.1		ug/Kg		102	70 - 125	4	20
Trichlorofluoromethane	50.0	48.4		ug/Kg		97	60 - 145	7	25
1,2,3-Trichloropropane	50.0	49.3		ug/Kg		99	60 - 135	5	25
1,2,4-Trimethylbenzene	50.0	50.4		ug/Kg		101	70 - 125	2	20
1,3,5-Trimethylbenzene	50.0	51.2		ug/Kg		102	70 - 125	3	20
Vinyl chloride	50.0	50.0		ug/Kg		100	55 - 135	8	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		79 - 120
Dibromofluoromethane (Surr)	104		60 - 120
Toluene-d8 (Surr)	98		79 - 123

Lab Sample ID: MB 440-476460/5

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Bromobenzene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
Bromochloromethane	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
Bromodichloromethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Bromoform	ND		5.0	2.0	ug/Kg			05/16/18 09:06	1
2-Butanone (MEK)	ND		10	5.0	ug/Kg			05/16/18 09:06	1
Carbon tetrachloride	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
Chlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Chloroethane	ND		5.0	2.0	ug/Kg			05/16/18 09:06	1
Chloroform	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Chloromethane	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
2-Chlorotoluene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
4-Chlorotoluene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
cis-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
cis-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Dibromochloromethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/Kg			05/16/18 09:06	1
1,2-Dibromoethane (EDB)	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Dibromomethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,2-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,3-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,4-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Dichlorodifluoromethane	ND		5.0	2.0	ug/Kg			05/16/18 09:06	1
1,1-Dichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,2-Dichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: MB 440-476460/5

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
1,2-Dichloropropane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,3-Dichloropropane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
2,2-Dichloropropane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,1-Dichloropropene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Ethylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Hexachlorobutadiene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
Isopropylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Methylene Chloride	ND		20	5.0	ug/Kg			05/16/18 09:06	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
m,p-Xylene	ND		4.0	2.0	ug/Kg			05/16/18 09:06	1
Naphthalene	ND		5.0	2.0	ug/Kg			05/16/18 09:06	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
N-Propylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
o-Xylene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
p-Isopropyltoluene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
sec-Butylbenzene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
Styrene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
tert-Butylbenzene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
1,1,1,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Tetrachloroethene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Toluene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
trans-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
trans-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
1,1,1-Trichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,1,2-Trichloroethane	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Trichloroethene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1
1,2,3-Trichloropropane	ND		10	1.0	ug/Kg			05/16/18 09:06	1
1,2,4-Trimethylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
1,3,5-Trimethylbenzene	ND		2.0	1.0	ug/Kg			05/16/18 09:06	1
Vinyl chloride	ND		5.0	1.0	ug/Kg			05/16/18 09:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		79 - 120		05/16/18 09:06	1
Dibromofluoromethane (Surr)	104		60 - 120		05/16/18 09:06	1
Toluene-d8 (Surr)	114		79 - 123		05/16/18 09:06	1

Lab Sample ID: LCS 440-476460/6

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	51.5		ug/Kg		103	65 - 120
Bromobenzene	50.0	50.0		ug/Kg		100	75 - 120

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCS 440-476460/6

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	50.0	52.5		ug/Kg		105	70 - 135
Bromodichloromethane	50.0	57.1		ug/Kg		114	70 - 135
Bromoform	50.0	51.7		ug/Kg		103	55 - 135
Bromomethane	50.0	51.4		ug/Kg		103	60 - 145
2-Butanone (MEK)	50.0	58.8		ug/Kg		118	40 - 145
Carbon tetrachloride	50.0	57.6		ug/Kg		115	65 - 140
Chlorobenzene	50.0	45.7		ug/Kg		91	75 - 120
Chloroethane	50.0	53.0		ug/Kg		106	60 - 140
Chloroform	50.0	53.8		ug/Kg		108	70 - 130
Chloromethane	50.0	46.4		ug/Kg		93	45 - 145
2-Chlorotoluene	50.0	50.4		ug/Kg		101	70 - 125
4-Chlorotoluene	50.0	48.7		ug/Kg		97	75 - 125
cis-1,2-Dichloroethene	50.0	52.3		ug/Kg		105	70 - 125
cis-1,3-Dichloropropene	50.0	52.3		ug/Kg		105	75 - 125
Dibromochloromethane	50.0	52.4		ug/Kg		105	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	54.9		ug/Kg		110	50 - 135
1,2-Dibromoethane (EDB)	50.0	49.9		ug/Kg		100	70 - 130
Dibromomethane	50.0	54.6		ug/Kg		109	70 - 130
1,2-Dichlorobenzene	50.0	53.7		ug/Kg		107	75 - 120
1,3-Dichlorobenzene	50.0	50.0		ug/Kg		100	75 - 125
1,4-Dichlorobenzene	50.0	48.1		ug/Kg		96	75 - 120
Dichlorodifluoromethane	50.0	44.2		ug/Kg		88	35 - 160
1,1-Dichloroethane	50.0	56.1		ug/Kg		112	70 - 130
1,2-Dichloroethane	50.0	56.5		ug/Kg		113	60 - 140
1,1-Dichloroethene	50.0	57.7		ug/Kg		115	70 - 125
1,2-Dichloropropane	50.0	52.0		ug/Kg		104	70 - 130
1,3-Dichloropropane	50.0	50.7		ug/Kg		101	70 - 125
2,2-Dichloropropane	50.0	49.9		ug/Kg		100	60 - 145
1,1-Dichloropropene	50.0	55.4		ug/Kg		111	70 - 130
Ethylbenzene	50.0	44.5		ug/Kg		89	70 - 125
Hexachlorobutadiene	50.0	57.7		ug/Kg		115	60 - 135
Isopropylbenzene	50.0	47.1		ug/Kg		94	75 - 130
Methylene Chloride	50.0	49.9		ug/Kg		100	55 - 135
Methyl-t-Butyl Ether (MTBE)	50.0	55.6		ug/Kg		111	60 - 140
m,p-Xylene	50.0	46.8		ug/Kg		94	70 - 125
Naphthalene	50.0	56.5		ug/Kg		113	55 - 135
n-Butylbenzene	50.0	49.7		ug/Kg		99	70 - 130
N-Propylbenzene	50.0	51.4		ug/Kg		103	70 - 130
o-Xylene	50.0	46.4		ug/Kg		93	70 - 125
p-Isopropyltoluene	50.0	49.9		ug/Kg		100	75 - 125
sec-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 125
Styrene	50.0	48.7		ug/Kg		97	75 - 130
tert-Butylbenzene	50.0	51.8		ug/Kg		104	70 - 125
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/Kg		102	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/Kg		110	55 - 140
Tetrachloroethene	50.0	49.6		ug/Kg		99	70 - 125
Toluene	50.0	47.2		ug/Kg		94	70 - 125
trans-1,2-Dichloroethene	50.0	55.5		ug/Kg		111	70 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCS 440-476460/6

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	70 - 135
1,2,3-Trichlorobenzene	50.0	53.5		ug/Kg		107	60 - 130
1,2,4-Trichlorobenzene	50.0	55.4		ug/Kg		111	70 - 135
1,1,1-Trichloroethane	50.0	56.0		ug/Kg		112	65 - 135
1,1,2-Trichloroethane	50.0	53.2		ug/Kg		106	65 - 135
Trichloroethene	50.0	52.7		ug/Kg		105	70 - 125
Trichlorofluoromethane	50.0	54.3		ug/Kg		109	60 - 145
1,2,3-Trichloropropane	50.0	57.0		ug/Kg		114	60 - 135
1,2,4-Trimethylbenzene	50.0	49.4		ug/Kg		99	70 - 125
1,3,5-Trimethylbenzene	50.0	50.2		ug/Kg		100	70 - 125
Vinyl chloride	50.0	52.8		ug/Kg		106	55 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		79 - 120
Dibromofluoromethane (Surr)	106		60 - 120
Toluene-d8 (Surr)	100		79 - 123

Lab Sample ID: 440-211119-C-1 MS

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		234	202		ug/Kg		86	65 - 130
Bromobenzene	ND		234	218		ug/Kg		93	65 - 140
Bromochloromethane	ND		234	203		ug/Kg		87	65 - 145
Bromodichloromethane	ND		234	220		ug/Kg		94	65 - 145
Bromoform	ND		234	223		ug/Kg		95	50 - 145
Bromomethane	ND		234	205		ug/Kg		88	60 - 155
2-Butanone (MEK)	ND		234	233		ug/Kg		100	25 - 170
Carbon tetrachloride	ND		234	248		ug/Kg		106	60 - 145
Chlorobenzene	ND		234	206		ug/Kg		88	70 - 130
Chloroethane	ND		234	218		ug/Kg		93	60 - 150
Chloroform	ND		234	224		ug/Kg		96	65 - 135
Chloromethane	ND		234	185		ug/Kg		79	40 - 145
2-Chlorotoluene	ND		234	217		ug/Kg		93	60 - 135
4-Chlorotoluene	ND		234	206		ug/Kg		88	65 - 135
cis-1,2-Dichloroethene	ND		234	209		ug/Kg		89	65 - 135
cis-1,3-Dichloropropene	ND		234	217		ug/Kg		93	70 - 135
Dibromochloromethane	ND		234	219		ug/Kg		94	60 - 145
1,2-Dibromo-3-Chloropropane	ND		234	246		ug/Kg		105	40 - 150
1,2-Dibromoethane (EDB)	ND		234	221		ug/Kg		94	65 - 140
Dibromomethane	ND		234	228		ug/Kg		98	65 - 140
1,2-Dichlorobenzene	ND		234	224		ug/Kg		96	70 - 130
1,3-Dichlorobenzene	ND		234	211		ug/Kg		90	70 - 130
1,4-Dichlorobenzene	ND		234	197		ug/Kg		84	70 - 130
Dichlorodifluoromethane	ND		234	191		ug/Kg		82	30 - 160
1,1-Dichloroethane	ND		234	224		ug/Kg		96	65 - 135
1,2-Dichloroethane	ND		234	232		ug/Kg		99	60 - 150

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: 440-211119-C-1 MS

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		234	231		ug/Kg		99	65 - 135
1,2-Dichloropropane	ND		234	209		ug/Kg		89	65 - 130
1,3-Dichloropropane	ND		234	211		ug/Kg		90	65 - 140
2,2-Dichloropropane	ND		234	231		ug/Kg		99	65 - 150
1,1-Dichloropropene	ND		234	242		ug/Kg		104	65 - 135
Ethylbenzene	ND		234	204		ug/Kg		87	70 - 135
Hexachlorobutadiene	ND		234	193		ug/Kg		82	50 - 145
Isopropylbenzene	ND		234	213		ug/Kg		91	70 - 145
Methylene Chloride	ND		234	192		ug/Kg		82	55 - 145
Methyl-t-Butyl Ether (MTBE)	ND		234	236		ug/Kg		101	55 - 155
m,p-Xylene	ND		234	203		ug/Kg		87	70 - 130
Naphthalene	ND		234	235		ug/Kg		100	40 - 150
n-Butylbenzene	ND		234	196		ug/Kg		84	55 - 145
N-Propylbenzene	ND		234	216		ug/Kg		92	65 - 140
o-Xylene	ND		234	201		ug/Kg		86	65 - 130
p-Isopropyltoluene	ND		234	210		ug/Kg		90	60 - 140
sec-Butylbenzene	ND		234	207		ug/Kg		89	60 - 135
Styrene	ND		234	214		ug/Kg		92	70 - 140
tert-Butylbenzene	ND		234	212		ug/Kg		91	60 - 140
1,1,1,2-Tetrachloroethane	ND		234	223		ug/Kg		95	65 - 145
1,1,2,2-Tetrachloroethane	ND		234	236		ug/Kg		101	40 - 160
Tetrachloroethene	ND		234	226		ug/Kg		97	65 - 135
Toluene	ND		234	209		ug/Kg		89	70 - 130
trans-1,2-Dichloroethene	ND		234	226		ug/Kg		97	70 - 135
trans-1,3-Dichloropropene	ND		234	224		ug/Kg		96	60 - 145
1,2,3-Trichlorobenzene	ND		234	221		ug/Kg		95	45 - 145
1,2,4-Trichlorobenzene	ND		234	220		ug/Kg		94	50 - 140
1,1,1-Trichloroethane	ND		234	233		ug/Kg		100	65 - 145
1,1,2-Trichloroethane	ND		234	216		ug/Kg		92	65 - 140
Trichloroethene	ND		234	229		ug/Kg		98	65 - 140
Trichlorofluoromethane	ND		234	240		ug/Kg		103	55 - 155
1,2,3-Trichloropropane	ND		234	248		ug/Kg		106	50 - 150
1,2,4-Trimethylbenzene	ND		234	215		ug/Kg		92	65 - 140
1,3,5-Trimethylbenzene	ND		234	215		ug/Kg		92	65 - 135
Vinyl chloride	ND		234	221		ug/Kg		95	55 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		79 - 120
Dibromofluoromethane (Surr)	103		60 - 120
Toluene-d8 (Surr)	98		79 - 123

Lab Sample ID: 440-211119-C-1 MSD

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		234	231		ug/Kg		99	65 - 130	13	20
Bromobenzene	ND		234	242		ug/Kg		104	65 - 140	10	25

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: 440-211119-C-1 MSD

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromochloromethane	ND		234	237		ug/Kg		102	65 - 145	16	25
Bromodichloromethane	ND		234	249		ug/Kg		106	65 - 145	12	20
Bromoform	ND		234	262		ug/Kg		112	50 - 145	16	30
Bromomethane	ND		234	233		ug/Kg		100	60 - 155	13	25
2-Butanone (MEK)	ND		234	252		ug/Kg		108	25 - 170	8	40
Carbon tetrachloride	ND		234	263		ug/Kg		113	60 - 145	6	25
Chlorobenzene	ND		234	231		ug/Kg		99	70 - 130	11	25
Chloroethane	ND		234	251		ug/Kg		108	60 - 150	14	25
Chloroform	ND		234	261		ug/Kg		112	65 - 135	15	20
Chloromethane	ND		234	208		ug/Kg		89	40 - 145	12	25
2-Chlorotoluene	ND		234	244		ug/Kg		104	60 - 135	12	25
4-Chlorotoluene	ND		234	237		ug/Kg		101	65 - 135	14	25
cis-1,2-Dichloroethene	ND		234	234		ug/Kg		100	65 - 135	11	25
cis-1,3-Dichloropropene	ND		234	246		ug/Kg		105	70 - 135	13	25
Dibromochloromethane	ND		234	251		ug/Kg		107	60 - 145	14	25
1,2-Dibromo-3-Chloropropane	ND		234	292		ug/Kg		125	40 - 150	17	30
1,2-Dibromoethane (EDB)	ND		234	255		ug/Kg		109	65 - 140	15	25
Dibromomethane	ND		234	240		ug/Kg		103	65 - 140	5	25
1,2-Dichlorobenzene	ND		234	252		ug/Kg		108	70 - 130	12	25
1,3-Dichlorobenzene	ND		234	239		ug/Kg		102	70 - 130	13	25
1,4-Dichlorobenzene	ND		234	225		ug/Kg		96	70 - 130	13	25
Dichlorodifluoromethane	ND		234	217		ug/Kg		93	30 - 160	12	35
1,1-Dichloroethane	ND		234	246		ug/Kg		105	65 - 135	9	25
1,2-Dichloroethane	ND		234	260		ug/Kg		111	60 - 150	11	25
1,1-Dichloroethene	ND		234	259		ug/Kg		111	65 - 135	11	25
1,2-Dichloropropane	ND		234	237		ug/Kg		101	65 - 130	12	20
1,3-Dichloropropane	ND		234	240		ug/Kg		103	65 - 140	13	25
2,2-Dichloropropane	ND		234	255		ug/Kg		109	65 - 150	10	25
1,1-Dichloropropene	ND		234	258		ug/Kg		110	65 - 135	6	20
Ethylbenzene	ND		234	225		ug/Kg		96	70 - 135	10	25
Hexachlorobutadiene	ND		234	183		ug/Kg		78	50 - 145	5	35
Isopropylbenzene	ND		234	245		ug/Kg		105	70 - 145	14	25
Methylene Chloride	ND		234	213		ug/Kg		91	55 - 145	10	25
Methyl-t-Butyl Ether (MTBE)	ND		234	247		ug/Kg		106	55 - 155	5	35
m,p-Xylene	ND		234	233		ug/Kg		100	70 - 130	14	25
Naphthalene	ND		234	264		ug/Kg		113	40 - 150	12	40
n-Butylbenzene	ND		234	228		ug/Kg		97	55 - 145	15	30
N-Propylbenzene	ND		234	243		ug/Kg		104	65 - 140	12	25
o-Xylene	ND		234	228		ug/Kg		98	65 - 130	13	25
p-Isopropyltoluene	ND		234	234		ug/Kg		100	60 - 140	11	25
sec-Butylbenzene	ND		234	244		ug/Kg		104	60 - 135	16	25
Styrene	ND		234	250		ug/Kg		107	70 - 140	15	25
tert-Butylbenzene	ND		234	237		ug/Kg		102	60 - 140	11	25
1,1,1,2-Tetrachloroethane	ND		234	240		ug/Kg		103	65 - 145	7	20
1,1,2,2-Tetrachloroethane	ND		234	261		ug/Kg		112	40 - 160	10	30
Tetrachloroethene	ND		234	250		ug/Kg		107	65 - 135	10	25
Toluene	ND		234	224		ug/Kg		96	70 - 130	7	20
trans-1,2-Dichloroethene	ND		234	247		ug/Kg		106	70 - 135	9	25

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: 440-211119-C-1 MSD

Matrix: Solid

Analysis Batch: 476460

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	ND		234	250		ug/Kg		107	60 - 145	11	25
1,2,3-Trichlorobenzene	ND		234	244		ug/Kg		104	45 - 145	10	30
1,2,4-Trichlorobenzene	ND		234	233		ug/Kg		100	50 - 140	6	30
1,1,1-Trichloroethane	ND		234	272		ug/Kg		116	65 - 145	15	20
1,1,2-Trichloroethane	ND		234	258		ug/Kg		110	65 - 140	18	30
Trichloroethene	ND		234	250		ug/Kg		107	65 - 140	9	25
Trichlorofluoromethane	ND		234	250		ug/Kg		107	55 - 155	4	25
1,2,3-Trichloropropane	ND		234	278		ug/Kg		119	50 - 150	11	30
1,2,4-Trimethylbenzene	ND		234	237		ug/Kg		101	65 - 140	9	25
1,3,5-Trimethylbenzene	ND		234	241		ug/Kg		103	65 - 135	12	25
Vinyl chloride	ND		234	254		ug/Kg		109	55 - 140	14	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		79 - 120
Dibromofluoromethane (Surr)	105		60 - 120
Toluene-d8 (Surr)	105		79 - 123

Lab Sample ID: MB 440-476762/5

Matrix: Solid

Analysis Batch: 476762

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Bromobenzene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
Bromochloromethane	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
Bromodichloromethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Bromoform	ND		5.0	2.0	ug/Kg			05/17/18 08:36	1
2-Butanone (MEK)	ND		10	5.0	ug/Kg			05/17/18 08:36	1
Carbon tetrachloride	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
Chlorobenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Chloroethane	ND		5.0	2.0	ug/Kg			05/17/18 08:36	1
Chloroform	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Chloromethane	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
2-Chlorotoluene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
4-Chlorotoluene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
cis-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
cis-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Dibromochloromethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/Kg			05/17/18 08:36	1
1,2-Dibromoethane (EDB)	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Dibromomethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,2-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,3-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,4-Dichlorobenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Dichlorodifluoromethane	ND		5.0	2.0	ug/Kg			05/17/18 08:36	1
1,1-Dichloroethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,2-Dichloroethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,1-Dichloroethene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: MB 440-476762/5

Matrix: Solid

Analysis Batch: 476762

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,3-Dichloropropane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
2,2-Dichloropropane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,1-Dichloropropene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Ethylbenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Hexachlorobutadiene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
Isopropylbenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Methylene Chloride	ND		20	5.0	ug/Kg			05/17/18 08:36	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
m,p-Xylene	ND		4.0	2.0	ug/Kg			05/17/18 08:36	1
Naphthalene	ND		5.0	2.0	ug/Kg			05/17/18 08:36	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
N-Propylbenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
o-Xylene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
p-Isopropyltoluene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
sec-Butylbenzene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
Styrene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
tert-Butylbenzene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
1,1,1,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Tetrachloroethene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Toluene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
trans-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
trans-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
1,1,1-Trichloroethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,1,2-Trichloroethane	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Trichloroethene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1
1,2,3-Trichloropropane	ND		10	1.0	ug/Kg			05/17/18 08:36	1
1,2,4-Trimethylbenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
1,3,5-Trimethylbenzene	ND		2.0	1.0	ug/Kg			05/17/18 08:36	1
Vinyl chloride	ND		5.0	1.0	ug/Kg			05/17/18 08:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		79 - 120		05/17/18 08:36	1
Dibromofluoromethane (Surr)	106		60 - 120		05/17/18 08:36	1
Toluene-d8 (Surr)	103		79 - 123		05/17/18 08:36	1

Lab Sample ID: LCS 440-476762/6

Matrix: Solid

Analysis Batch: 476762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	49.2		ug/Kg		98	65 - 120
Bromobenzene	50.0	52.2		ug/Kg		104	75 - 120
Bromochloromethane	50.0	50.1		ug/Kg		100	70 - 135

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCS 440-476762/6

Matrix: Solid

Analysis Batch: 476762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	50.0	52.8		ug/Kg		106	70 - 135
Bromoform	50.0	53.7		ug/Kg		107	55 - 135
Bromomethane	50.0	48.9		ug/Kg		98	60 - 145
2-Butanone (MEK)	50.0	54.2		ug/Kg		108	40 - 145
Carbon tetrachloride	50.0	56.8		ug/Kg		114	65 - 140
Chlorobenzene	50.0	51.3		ug/Kg		103	75 - 120
Chloroethane	50.0	50.3		ug/Kg		101	60 - 140
Chloroform	50.0	52.4		ug/Kg		105	70 - 130
Chloromethane	50.0	39.4		ug/Kg		79	45 - 145
2-Chlorotoluene	50.0	52.9		ug/Kg		106	70 - 125
4-Chlorotoluene	50.0	50.3		ug/Kg		101	75 - 125
cis-1,2-Dichloroethene	50.0	50.4		ug/Kg		101	70 - 125
cis-1,3-Dichloropropene	50.0	51.6		ug/Kg		103	75 - 125
Dibromochloromethane	50.0	51.5		ug/Kg		103	65 - 140
1,2-Dibromo-3-Chloropropane	50.0	59.4		ug/Kg		119	50 - 135
1,2-Dibromoethane (EDB)	50.0	52.0		ug/Kg		104	70 - 130
Dibromomethane	50.0	51.0		ug/Kg		102	70 - 130
1,2-Dichlorobenzene	50.0	56.3		ug/Kg		113	75 - 120
1,3-Dichlorobenzene	50.0	54.7		ug/Kg		109	75 - 125
1,4-Dichlorobenzene	50.0	51.0		ug/Kg		102	75 - 120
Dichlorodifluoromethane	50.0	40.5		ug/Kg		81	35 - 160
1,1-Dichloroethane	50.0	51.0		ug/Kg		102	70 - 130
1,2-Dichloroethane	50.0	52.8		ug/Kg		106	60 - 140
1,1-Dichloroethene	50.0	53.0		ug/Kg		106	70 - 125
1,2-Dichloropropane	50.0	48.7		ug/Kg		97	70 - 130
1,3-Dichloropropane	50.0	47.4		ug/Kg		95	70 - 125
2,2-Dichloropropane	50.0	51.8		ug/Kg		104	60 - 145
1,1-Dichloropropene	50.0	54.6		ug/Kg		109	70 - 130
Ethylbenzene	50.0	47.2		ug/Kg		94	70 - 125
Hexachlorobutadiene	50.0	60.8		ug/Kg		122	60 - 135
Isopropylbenzene	50.0	50.8		ug/Kg		102	75 - 130
Methylene Chloride	50.0	47.3		ug/Kg		95	55 - 135
Methyl-t-Butyl Ether (MTBE)	50.0	51.0		ug/Kg		102	60 - 140
m,p-Xylene	50.0	51.2		ug/Kg		102	70 - 125
Naphthalene	50.0	56.8		ug/Kg		114	55 - 135
n-Butylbenzene	50.0	54.2		ug/Kg		108	70 - 130
N-Propylbenzene	50.0	53.5		ug/Kg		107	70 - 130
o-Xylene	50.0	47.8		ug/Kg		96	70 - 125
p-Isopropyltoluene	50.0	53.2		ug/Kg		106	75 - 125
sec-Butylbenzene	50.0	52.9		ug/Kg		106	70 - 125
Styrene	50.0	50.6		ug/Kg		101	75 - 130
tert-Butylbenzene	50.0	53.9		ug/Kg		108	70 - 125
1,1,1,2-Tetrachloroethane	50.0	54.1		ug/Kg		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.6		ug/Kg		109	55 - 140
Tetrachloroethene	50.0	52.2		ug/Kg		104	70 - 125
Toluene	50.0	47.7		ug/Kg		95	70 - 125
trans-1,2-Dichloroethene	50.0	53.2		ug/Kg		106	70 - 125
trans-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	70 - 135

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCS 440-476762/6

Matrix: Solid

Analysis Batch: 476762

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	50.0	57.9		ug/Kg		116	60 - 130
1,2,4-Trichlorobenzene	50.0	57.8		ug/Kg		116	70 - 135
1,1,1-Trichloroethane	50.0	54.0		ug/Kg		108	65 - 135
1,1,2-Trichloroethane	50.0	47.4		ug/Kg		95	65 - 135
Trichloroethene	50.0	54.7		ug/Kg		109	70 - 125
Trichlorofluoromethane	50.0	52.0		ug/Kg		104	60 - 145
1,2,3-Trichloropropane	50.0	57.9		ug/Kg		116	60 - 135
1,2,4-Trimethylbenzene	50.0	54.3		ug/Kg		109	70 - 125
1,3,5-Trimethylbenzene	50.0	52.4		ug/Kg		105	70 - 125
Vinyl chloride	50.0	48.1		ug/Kg		96	55 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		79 - 120
Dibromofluoromethane (Surr)	109		60 - 120
Toluene-d8 (Surr)	99		79 - 123

Lab Sample ID: LCSD 440-476762/7

Matrix: Solid

Analysis Batch: 476762

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	49.2		ug/Kg		98	65 - 120	0	20
Bromobenzene	50.0	49.8		ug/Kg		100	75 - 120	5	20
Bromochloromethane	50.0	49.9		ug/Kg		100	70 - 135	0	20
Bromodichloromethane	50.0	52.8		ug/Kg		106	70 - 135	0	20
Bromoform	50.0	54.4		ug/Kg		109	55 - 135	1	25
Bromomethane	50.0	49.3		ug/Kg		99	60 - 145	1	20
2-Butanone (MEK)	50.0	55.4		ug/Kg		111	40 - 145	2	35
Carbon tetrachloride	50.0	58.7		ug/Kg		117	65 - 140	3	20
Chlorobenzene	50.0	48.8		ug/Kg		98	75 - 120	5	20
Chloroethane	50.0	50.8		ug/Kg		102	60 - 140	1	25
Chloroform	50.0	53.6		ug/Kg		107	70 - 130	2	20
Chloromethane	50.0	45.0		ug/Kg		90	45 - 145	13	25
2-Chlorotoluene	50.0	51.0		ug/Kg		102	70 - 125	4	20
4-Chlorotoluene	50.0	48.6		ug/Kg		97	75 - 125	3	20
cis-1,2-Dichloroethene	50.0	50.2		ug/Kg		100	70 - 125	0	20
cis-1,3-Dichloropropene	50.0	51.8		ug/Kg		104	75 - 125	0	20
Dibromochloromethane	50.0	52.2		ug/Kg		104	65 - 140	1	20
1,2-Dibromo-3-Chloropropane	50.0	55.6		ug/Kg		111	50 - 135	7	30
1,2-Dibromoethane (EDB)	50.0	53.1		ug/Kg		106	70 - 130	2	20
Dibromomethane	50.0	50.6		ug/Kg		101	70 - 130	1	20
1,2-Dichlorobenzene	50.0	55.8		ug/Kg		112	75 - 120	1	20
1,3-Dichlorobenzene	50.0	49.4		ug/Kg		99	75 - 125	10	20
1,4-Dichlorobenzene	50.0	48.0		ug/Kg		96	75 - 120	6	20
Dichlorodifluoromethane	50.0	48.1		ug/Kg		96	35 - 160	17	30
1,1-Dichloroethane	50.0	52.1		ug/Kg		104	70 - 130	2	20
1,2-Dichloroethane	50.0	52.3		ug/Kg		105	60 - 140	1	20
1,1-Dichloroethene	50.0	56.4		ug/Kg		113	70 - 125	6	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCSD 440-476762/7

Matrix: Solid

Analysis Batch: 476762

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	48.7		ug/Kg		97	70 - 130	0	20
1,3-Dichloropropane	50.0	51.6		ug/Kg		103	70 - 125	9	20
2,2-Dichloropropane	50.0	56.2		ug/Kg		112	60 - 145	8	20
1,1-Dichloropropene	50.0	56.7		ug/Kg		113	70 - 130	4	20
Ethylbenzene	50.0	49.9		ug/Kg		100	70 - 125	6	20
Hexachlorobutadiene	50.0	61.5		ug/Kg		123	60 - 135	1	20
Isopropylbenzene	50.0	50.6		ug/Kg		101	75 - 130	0	20
Methylene Chloride	50.0	46.5		ug/Kg		93	55 - 135	2	20
Methyl-t-Butyl Ether (MTBE)	50.0	52.0		ug/Kg		104	60 - 140	2	25
m,p-Xylene	50.0	49.4		ug/Kg		99	70 - 125	4	20
Naphthalene	50.0	53.6		ug/Kg		107	55 - 135	6	25
n-Butylbenzene	50.0	56.1		ug/Kg		112	70 - 130	3	20
N-Propylbenzene	50.0	52.9		ug/Kg		106	70 - 130	1	20
o-Xylene	50.0	46.5		ug/Kg		93	70 - 125	3	20
p-Isopropyltoluene	50.0	52.7		ug/Kg		105	75 - 125	1	20
sec-Butylbenzene	50.0	54.5		ug/Kg		109	70 - 125	3	20
Styrene	50.0	51.3		ug/Kg		103	75 - 130	1	20
tert-Butylbenzene	50.0	53.1		ug/Kg		106	70 - 125	2	20
1,1,1,2-Tetrachloroethane	50.0	54.0		ug/Kg		108	70 - 130	0	20
1,1,2,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	55 - 140	6	30
Tetrachloroethene	50.0	55.6		ug/Kg		111	70 - 125	6	20
Toluene	50.0	49.7		ug/Kg		99	70 - 125	4	20
trans-1,2-Dichloroethene	50.0	56.2		ug/Kg		112	70 - 125	5	20
trans-1,3-Dichloropropene	50.0	52.5		ug/Kg		105	70 - 135	0	20
1,2,3-Trichlorobenzene	50.0	54.9		ug/Kg		110	60 - 130	5	20
1,2,4-Trichlorobenzene	50.0	53.6		ug/Kg		107	70 - 135	7	20
1,1,1-Trichloroethane	50.0	57.8		ug/Kg		116	65 - 135	7	20
1,1,2-Trichloroethane	50.0	51.3		ug/Kg		103	65 - 135	8	20
Trichloroethene	50.0	55.2		ug/Kg		110	70 - 125	1	20
Trichlorofluoromethane	50.0	56.5		ug/Kg		113	60 - 145	8	25
1,2,3-Trichloropropane	50.0	54.2		ug/Kg		108	60 - 135	7	25
1,2,4-Trimethylbenzene	50.0	51.3		ug/Kg		103	70 - 125	6	20
1,3,5-Trimethylbenzene	50.0	50.0		ug/Kg		100	70 - 125	5	20
Vinyl chloride	50.0	54.8		ug/Kg		110	55 - 135	13	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		79 - 120
Dibromofluoromethane (Surr)	104		60 - 120
Toluene-d8 (Surr)	106		79 - 123

Lab Sample ID: MB 440-477018/3

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Bromobenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Bromochloromethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: MB 440-477018/3

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Bromoform	ND		1.0	0.40	ug/L			05/17/18 19:38	1
Bromomethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
2-Butanone (MEK)	ND		5.0	2.5	ug/L			05/17/18 19:38	1
Carbon tetrachloride	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Chlorobenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Chloroethane	ND		1.0	0.40	ug/L			05/17/18 19:38	1
Chloroform	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Chloromethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
2-Chlorotoluene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
4-Chlorotoluene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
cis-1,2-Dichloroethene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
cis-1,3-Dichloropropene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Dibromochloromethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.50	ug/L			05/17/18 19:38	1
1,2-Dibromoethane (EDB)	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Dibromomethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,2-Dichlorobenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,3-Dichlorobenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,4-Dichlorobenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Dichlorodifluoromethane	ND		1.0	0.40	ug/L			05/17/18 19:38	1
1,1-Dichloroethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,1-Dichloroethene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,2-Dichloropropane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,3-Dichloropropane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			05/17/18 19:38	1
1,1-Dichloropropene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Ethylbenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Hexachlorobutadiene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Isopropylbenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Methylene Chloride	ND		2.0	0.88	ug/L			05/17/18 19:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50	0.25	ug/L			05/17/18 19:38	1
m,p-Xylene	ND		1.0	0.50	ug/L			05/17/18 19:38	1
Naphthalene	ND		1.0	0.40	ug/L			05/17/18 19:38	1
n-Butylbenzene	ND		1.0	0.40	ug/L			05/17/18 19:38	1
N-Propylbenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
o-Xylene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
p-Isopropyltoluene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
sec-Butylbenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Styrene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
tert-Butylbenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Tetrachloroethene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Toluene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
trans-1,2-Dichloroethene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
trans-1,3-Dichloropropene	ND		0.50	0.25	ug/L			05/17/18 19:38	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: MB 440-477018/3

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		1.0	0.40	ug/L			05/17/18 19:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.40	ug/L			05/17/18 19:38	1
1,1,1-Trichloroethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,1,2-Trichloroethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Trichloroethene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Trichlorofluoromethane	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,2,3-Trichloropropane	ND		1.0	0.40	ug/L			05/17/18 19:38	1
1,2,4-Trimethylbenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
1,3,5-Trimethylbenzene	ND		0.50	0.25	ug/L			05/17/18 19:38	1
Vinyl chloride	ND		0.50	0.25	ug/L			05/17/18 19:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		05/17/18 19:38	1
Dibromofluoromethane (Surr)	96		76 - 132		05/17/18 19:38	1
Toluene-d8 (Surr)	113		80 - 128		05/17/18 19:38	1

Lab Sample ID: LCS 440-477018/4

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.4		ug/L		98	68 - 130
Bromobenzene	25.0	24.2		ug/L		97	70 - 130
Bromochloromethane	25.0	24.3		ug/L		97	70 - 130
Bromodichloromethane	25.0	23.1		ug/L		93	70 - 132
Bromoform	25.0	25.6		ug/L		102	60 - 148
Bromomethane	25.0	22.2		ug/L		89	64 - 139
2-Butanone (MEK)	25.0	28.8		ug/L		115	44 - 150
Carbon tetrachloride	25.0	24.9		ug/L		100	60 - 150
Chlorobenzene	25.0	25.7		ug/L		103	70 - 130
Chloroethane	25.0	22.8		ug/L		91	64 - 135
Chloroform	25.0	23.7		ug/L		95	70 - 130
Chloromethane	25.0	19.1		ug/L		76	47 - 140
2-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130
4-Chlorotoluene	25.0	24.7		ug/L		99	70 - 130
cis-1,2-Dichloroethene	25.0	24.6		ug/L		99	70 - 133
cis-1,3-Dichloropropene	25.0	26.3		ug/L		105	70 - 133
Dibromochloromethane	25.0	26.2		ug/L		105	69 - 145
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	52 - 140
1,2-Dibromoethane (EDB)	25.0	25.9		ug/L		104	70 - 130
Dibromomethane	25.0	23.5		ug/L		94	70 - 130
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	70 - 130
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
Dichlorodifluoromethane	25.0	20.5		ug/L		82	29 - 150
1,1-Dichloroethane	25.0	24.9		ug/L		100	64 - 130
1,2-Dichloroethane	25.0	22.8		ug/L		91	57 - 138
1,1-Dichloroethene	25.0	25.5		ug/L		102	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: LCS 440-477018/4

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	25.3		ug/L		101	67 - 130
1,3-Dichloropropane	25.0	25.2		ug/L		101	70 - 130
2,2-Dichloropropane	25.0	27.6		ug/L		110	68 - 141
1,1-Dichloropropene	25.0	25.8		ug/L		103	70 - 130
Ethylbenzene	25.0	25.5		ug/L		102	70 - 130
Hexachlorobutadiene	25.0	25.6		ug/L		102	10 - 150
Isopropylbenzene	25.0	26.1		ug/L		105	70 - 136
Methylene Chloride	25.0	22.0		ug/L		88	52 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	25.7		ug/L		103	63 - 131
m,p-Xylene	25.0	25.8		ug/L		103	70 - 130
Naphthalene	25.0	27.0		ug/L		108	60 - 140
n-Butylbenzene	25.0	26.7		ug/L		107	65 - 150
N-Propylbenzene	25.0	26.7		ug/L		107	67 - 139
o-Xylene	25.0	25.3		ug/L		101	70 - 130
p-Isopropyltoluene	25.0	25.7		ug/L		103	70 - 132
sec-Butylbenzene	25.0	25.9		ug/L		104	70 - 138
Styrene	25.0	24.8		ug/L		99	70 - 134
tert-Butylbenzene	25.0	25.2		ug/L		101	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.3		ug/L		105	60 - 141
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/L		107	63 - 130
Tetrachloroethene	25.0	26.9		ug/L		108	70 - 130
Toluene	25.0	26.0		ug/L		104	70 - 130
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	70 - 130
trans-1,3-Dichloropropene	25.0	24.8		ug/L		99	70 - 132
1,2,3-Trichlorobenzene	25.0	25.1		ug/L		100	60 - 140
1,2,4-Trichlorobenzene	25.0	26.1		ug/L		104	60 - 140
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
1,1,2-Trichloroethane	25.0	26.4		ug/L		106	70 - 130
Trichloroethene	25.0	24.8		ug/L		99	70 - 130
Trichlorofluoromethane	25.0	23.7		ug/L		95	60 - 150
1,2,3-Trichloropropane	25.0	24.6		ug/L		99	63 - 130
1,2,4-Trimethylbenzene	25.0	24.7		ug/L		99	70 - 135
1,3,5-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 136
Vinyl chloride	25.0	22.3		ug/L		89	59 - 133

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	96		76 - 132
Toluene-d8 (Surr)	107		80 - 128

Lab Sample ID: 440-210891-B-1 MS

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	24.9		ug/L		100	66 - 130
Bromobenzene	ND		25.0	25.0		ug/L		100	70 - 130
Bromochloromethane	ND		25.0	25.3		ug/L		101	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: 440-210891-B-1 MS

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	ND		25.0	23.9		ug/L		96	70 - 138
Bromoform	ND		25.0	25.5		ug/L		102	59 - 150
Bromomethane	ND		25.0	22.4		ug/L		90	62 - 131
2-Butanone (MEK)	ND		25.0	24.2		ug/L		97	48 - 140
Carbon tetrachloride	ND		25.0	25.2		ug/L		101	60 - 150
Chlorobenzene	ND		25.0	25.5		ug/L		102	70 - 130
Chloroethane	ND		25.0	23.1		ug/L		92	68 - 130
Chloroform	ND		25.0	24.2		ug/L		97	70 - 130
Chloromethane	ND		25.0	19.3		ug/L		77	39 - 144
2-Chlorotoluene	ND		25.0	25.1		ug/L		100	70 - 130
4-Chlorotoluene	ND		25.0	25.0		ug/L		100	70 - 130
cis-1,2-Dichloroethene	ND		25.0	25.4		ug/L		102	70 - 130
cis-1,3-Dichloropropene	ND		25.0	26.7		ug/L		107	70 - 133
Dibromochloromethane	ND		25.0	26.4		ug/L		105	70 - 148
1,2-Dibromo-3-Chloropropane	ND		25.0	23.6		ug/L		94	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	25.5		ug/L		102	70 - 131
Dibromomethane	ND		25.0	23.7		ug/L		95	70 - 130
1,2-Dichlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130
1,3-Dichlorobenzene	ND		25.0	24.7		ug/L		99	70 - 130
1,4-Dichlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130
Dichlorodifluoromethane	ND		25.0	20.5		ug/L		82	25 - 142
1,1-Dichloroethane	ND		25.0	25.4		ug/L		102	65 - 130
1,2-Dichloroethane	ND		25.0	22.9		ug/L		92	56 - 146
1,1-Dichloroethene	ND		25.0	25.2		ug/L		101	70 - 130
1,2-Dichloropropane	ND		25.0	25.5		ug/L		102	69 - 130
1,3-Dichloropropane	ND		25.0	25.7		ug/L		103	70 - 130
2,2-Dichloropropane	ND		25.0	28.3		ug/L		113	69 - 138
1,1-Dichloropropene	ND		25.0	25.8		ug/L		103	64 - 130
Ethylbenzene	ND		25.0	25.9		ug/L		103	70 - 130
Hexachlorobutadiene	ND		25.0	25.1		ug/L		100	10 - 150
Isopropylbenzene	ND		25.0	25.7		ug/L		103	70 - 132
Methylene Chloride	ND		25.0	22.2		ug/L		89	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.4		ug/L		105	70 - 130
m,p-Xylene	ND		25.0	25.9		ug/L		104	70 - 133
Naphthalene	ND		25.0	26.5		ug/L		106	60 - 140
n-Butylbenzene	ND		25.0	27.1		ug/L		108	61 - 149
N-Propylbenzene	ND		25.0	26.6		ug/L		106	66 - 135
o-Xylene	ND		25.0	25.6		ug/L		102	70 - 133
p-Isopropyltoluene	ND		25.0	25.9		ug/L		104	70 - 130
sec-Butylbenzene	ND		25.0	26.1		ug/L		105	67 - 134
Styrene	ND		25.0	24.3		ug/L		97	29 - 150
tert-Butylbenzene	ND		25.0	25.9		ug/L		103	70 - 130
1,1,1,2-Tetrachloroethane	ND		25.0	26.7		ug/L		107	60 - 149
1,1,2,2-Tetrachloroethane	ND		25.0	26.4		ug/L		106	63 - 130
Tetrachloroethene	ND		25.0	26.9		ug/L		108	70 - 137
Toluene	ND		25.0	26.4		ug/L		106	70 - 130
trans-1,2-Dichloroethene	ND		25.0	26.7		ug/L		107	70 - 130
trans-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	70 - 138

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: 440-210891-B-1 MS

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		25.0	26.1		ug/L		104	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.4		ug/L		98	70 - 130
1,1,2-Trichloroethane	ND		25.0	26.2		ug/L		105	70 - 130
Trichloroethene	ND		25.0	24.7		ug/L		99	70 - 130
Trichlorofluoromethane	ND		25.0	24.1		ug/L		96	60 - 150
1,2,3-Trichloropropane	ND		25.0	23.7		ug/L		95	60 - 130
1,2,4-Trimethylbenzene	ND		25.0	25.1		ug/L		100	70 - 130
1,3,5-Trimethylbenzene	ND		25.0	25.4		ug/L		102	70 - 130
Vinyl chloride	ND		25.0	22.6		ug/L		90	50 - 137

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	99		76 - 132
Toluene-d8 (Surr)	108		80 - 128

Lab Sample ID: 440-210891-B-1 MSD

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	24.4		ug/L		98	66 - 130	2	20
Bromobenzene	ND		25.0	24.9		ug/L		100	70 - 130	1	20
Bromochloromethane	ND		25.0	24.4		ug/L		98	70 - 130	4	25
Bromodichloromethane	ND		25.0	23.4		ug/L		93	70 - 138	2	20
Bromoform	ND		25.0	24.8		ug/L		99	59 - 150	3	25
Bromomethane	ND		25.0	22.0		ug/L		88	62 - 131	2	25
2-Butanone (MEK)	ND		25.0	24.6		ug/L		98	48 - 140	1	40
Carbon tetrachloride	ND		25.0	24.8		ug/L		99	60 - 150	1	25
Chlorobenzene	ND		25.0	25.6		ug/L		102	70 - 130	0	20
Chloroethane	ND		25.0	22.6		ug/L		90	68 - 130	2	25
Chloroform	ND		25.0	24.3		ug/L		97	70 - 130	1	20
Chloromethane	ND		25.0	18.9		ug/L		76	39 - 144	2	25
2-Chlorotoluene	ND		25.0	25.5		ug/L		102	70 - 130	2	20
4-Chlorotoluene	ND		25.0	24.9		ug/L		100	70 - 130	0	20
cis-1,2-Dichloroethene	ND		25.0	25.0		ug/L		100	70 - 130	1	20
cis-1,3-Dichloropropene	ND		25.0	26.3		ug/L		105	70 - 133	1	20
Dibromochloromethane	ND		25.0	26.5		ug/L		106	70 - 148	1	25
1,2-Dibromo-3-Chloropropane	ND		25.0	22.2		ug/L		89	48 - 140	6	30
1,2-Dibromoethane (EDB)	ND		25.0	25.2		ug/L		101	70 - 131	1	25
Dibromomethane	ND		25.0	23.2		ug/L		93	70 - 130	2	25
1,2-Dichlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130	0	20
1,3-Dichlorobenzene	ND		25.0	24.9		ug/L		100	70 - 130	1	20
1,4-Dichlorobenzene	ND		25.0	24.8		ug/L		99	70 - 130	0	20
Dichlorodifluoromethane	ND		25.0	20.0		ug/L		80	25 - 142	2	30
1,1-Dichloroethane	ND		25.0	24.8		ug/L		99	65 - 130	2	20
1,2-Dichloroethane	ND		25.0	22.6		ug/L		91	56 - 146	1	20
1,1-Dichloroethene	ND		25.0	25.0		ug/L		100	70 - 130	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: 440-210891-B-1 MSD

Matrix: Water

Analysis Batch: 477018

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	25.8		ug/L		103	69 - 130	1	20
1,3-Dichloropropane	ND		25.0	25.1		ug/L		101	70 - 130	2	25
2,2-Dichloropropane	ND		25.0	27.5		ug/L		110	69 - 138	3	25
1,1-Dichloropropene	ND		25.0	25.4		ug/L		102	64 - 130	1	20
Ethylbenzene	ND		25.0	25.8		ug/L		103	70 - 130	0	20
Hexachlorobutadiene	ND		25.0	25.5		ug/L		102	10 - 150	2	20
Isopropylbenzene	ND		25.0	26.0		ug/L		104	70 - 132	1	20
Methylene Chloride	ND		25.0	21.8		ug/L		87	52 - 130	2	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.6		ug/L		102	70 - 130	3	25
m,p-Xylene	ND		25.0	26.1		ug/L		104	70 - 133	1	25
Naphthalene	ND		25.0	25.7		ug/L		103	60 - 140	3	30
n-Butylbenzene	ND		25.0	27.1		ug/L		108	61 - 149	0	20
N-Propylbenzene	ND		25.0	26.6		ug/L		106	66 - 135	0	20
o-Xylene	ND		25.0	25.3		ug/L		101	70 - 133	1	20
p-Isopropyltoluene	ND		25.0	25.8		ug/L		103	70 - 130	0	20
sec-Butylbenzene	ND		25.0	26.2		ug/L		105	67 - 134	0	20
Styrene	ND		25.0	24.0		ug/L		96	29 - 150	1	35
tert-Butylbenzene	ND		25.0	25.8		ug/L		103	70 - 130	0	20
1,1,1,2-Tetrachloroethane	ND		25.0	26.1		ug/L		105	60 - 149	2	20
1,1,2,2-Tetrachloroethane	ND		25.0	25.4		ug/L		101	63 - 130	4	30
Tetrachloroethene	ND		25.0	26.8		ug/L		107	70 - 137	0	20
Toluene	ND		25.0	26.5		ug/L		106	70 - 130	0	20
trans-1,2-Dichloroethene	ND		25.0	26.6		ug/L		106	70 - 130	0	20
trans-1,3-Dichloropropene	ND		25.0	24.6		ug/L		99	70 - 138	2	25
1,2,3-Trichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140	3	20
1,2,4-Trichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	24.2		ug/L		97	70 - 130	1	20
1,1,2-Trichloroethane	ND		25.0	26.3		ug/L		105	70 - 130	0	25
Trichloroethene	ND		25.0	24.7		ug/L		99	70 - 130	0	20
Trichlorofluoromethane	ND		25.0	23.5		ug/L		94	60 - 150	2	25
1,2,3-Trichloropropane	ND		25.0	22.9		ug/L		92	60 - 130	3	30
1,2,4-Trimethylbenzene	ND		25.0	25.0		ug/L		100	70 - 130	0	25
1,3,5-Trimethylbenzene	ND		25.0	25.4		ug/L		102	70 - 130	0	20
Vinyl chloride	ND		25.0	22.0		ug/L		88	50 - 137	2	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		80 - 120								
Dibromofluoromethane (Surr)	96		76 - 132								
Toluene-d8 (Surr)	108		80 - 128								

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-476869/33

Matrix: Water

Analysis Batch: 476869

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50	25	ug/L			05/17/18 23:26	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		65 - 140		05/17/18 23:26	1

Lab Sample ID: LCS 440-476869/32

Matrix: Water

Analysis Batch: 476869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	800	794		ug/L		99	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	105		65 - 140				

Lab Sample ID: 440-210928-F-4 MS

Matrix: Water

Analysis Batch: 476869

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	560		800	1300		ug/L		93	65 - 140
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	149	X	65 - 140						

Lab Sample ID: 440-210928-F-4 MSD

Matrix: Water

Analysis Batch: 476869

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	560		800	1270		ug/L		90	65 - 140	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	146	X	65 - 140								

Lab Sample ID: MB 440-476917/35

Matrix: Solid

Analysis Batch: 476917

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			05/17/18 21:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	88		65 - 140		05/17/18 21:42	1			

Lab Sample ID: LCS 440-476917/25

Matrix: Solid

Analysis Batch: 476917

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	1600	1560		ug/Kg		97	70 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	106		65 - 140				

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 440-476917/36

Matrix: Solid

Analysis Batch: 476917

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1600	1580		ug/Kg		99	70 - 135	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	107		65 - 140						

Lab Sample ID: 440-211213-1 MS

Matrix: Solid

Analysis Batch: 476917

Client Sample ID: AOC4-SV12-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1580	1230		ug/Kg		78	60 - 140		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	79		65 - 140								

Lab Sample ID: 440-211213-1 MSD

Matrix: Solid

Analysis Batch: 476917

Client Sample ID: AOC4-SV12-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1580	1050		ug/Kg		67	60 - 140	15	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	83		65 - 140								

Lab Sample ID: MB 440-477126/6

Matrix: Solid

Analysis Batch: 477126

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			05/18/18 10:06	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	94		65 - 140		05/18/18 10:06	1			

Lab Sample ID: LCS 440-477126/4

Matrix: Solid

Analysis Batch: 477126

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1600	1550		ug/Kg		97	70 - 135		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		65 - 140						

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 440-477126/5

Matrix: Solid

Analysis Batch: 477126

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1600	1560		ug/Kg		98	70 - 135	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	96		65 - 140						

Lab Sample ID: 440-211213-3 MS

Matrix: Solid

Analysis Batch: 477126

Client Sample ID: AOC4-SV13-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1600	1470		ug/Kg		92	60 - 140		
Surrogate	%Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		65 - 140								

Lab Sample ID: 440-211213-3 MSD

Matrix: Solid

Analysis Batch: 477126

Client Sample ID: AOC4-SV13-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1600	1450		ug/Kg		91	60 - 140	2	30
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		65 - 140								

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-476166/1-A

Matrix: Solid

Analysis Batch: 476182

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 476166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		05/15/18 06:51	05/15/18 12:37	1
ORO (C23-C40)	ND		5.0	2.5	mg/Kg		05/15/18 06:51	05/15/18 12:37	1
Surrogate	%Recovery	MB Qualifier	Limits						
n-Octacosane	89		40 - 140						

Lab Sample ID: LCS 440-476166/2-A

Matrix: Solid

Analysis Batch: 476182

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 476166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	66.5	56.4		mg/Kg		85	45 - 115		

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 440-476166/2-A
Matrix: Solid
Analysis Batch: 476182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476166

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane	82		40 - 140

Lab Sample ID: 440-211213-1 MS
Matrix: Solid
Analysis Batch: 476182

Client Sample ID: AOC4-SV12-5
Prep Type: Total/NA
Prep Batch: 476166

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	ND		65.3	55.5		mg/Kg		85	40 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
n-Octacosane	80		40 - 140						

Lab Sample ID: 440-211213-1 MSD
Matrix: Solid
Analysis Batch: 476182

Client Sample ID: AOC4-SV12-5
Prep Type: Total/NA
Prep Batch: 476166

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	ND		66.4	59.4		mg/Kg		89	40 - 120	7	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
n-Octacosane	82		40 - 140								

Lab Sample ID: MB 440-476183/1-A
Matrix: Water
Analysis Batch: 476494

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476183

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		0.50	0.25	mg/L		05/15/18 08:36	05/16/18 11:18	1
ORO (C23-C40)	ND		0.50	0.25	mg/L		05/15/18 08:36	05/16/18 11:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
n-Octacosane	76		45 - 120	05/15/18 08:36	05/16/18 11:18	1			

Lab Sample ID: LCS 440-476183/2-A
Matrix: Water
Analysis Batch: 476494

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	1.00	0.683		mg/L		68	40 - 115
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane	91		45 - 120				

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 440-476183/3-A

Matrix: Water

Analysis Batch: 476494

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 476183

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	1.00	0.692		mg/L		69	40 - 115	1	25
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane	78		45 - 120						

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

Lab Sample ID: MB 440-476384/1-A

Matrix: Solid

Analysis Batch: 476840

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 476384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 12:18	1
Aroclor 1221	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 12:18	1
Aroclor 1232	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 12:18	1
Aroclor 1242	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 12:18	1
Aroclor 1248	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 12:18	1
Aroclor 1254	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 12:18	1
Aroclor 1260	ND		50	17	ug/Kg		05/16/18 17:47	05/17/18 12:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
DCB Decachlorobiphenyl (Surr)	87		45 - 120	05/16/18 17:47	05/17/18 12:18	1			

Lab Sample ID: LCS 440-476384/2-A

Matrix: Solid

Analysis Batch: 476840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 476384

			Spike	LCS	LCS					%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Aroclor 1016			267	245		ug/Kg		92	65 - 115		
Aroclor 1260			267	242		ug/Kg		91	65 - 115		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl (Surr)	91		45 - 120								

Lab Sample ID: 440-211172-A-17-A MS

Matrix: Solid

Analysis Batch: 476840

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 476384

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	ND		263	153		ug/Kg		58	50 - 120
Aroclor 1260	ND		263	179		ug/Kg		68	50 - 125
Surrogate	MS %Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl (Surr)	52		45 - 120						

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

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

Lab Sample ID: 440-211172-A-17-B MSD

Matrix: Solid

Analysis Batch: 476840

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 476384

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	ND		258	140		ug/Kg		54	50 - 120	9	30
Aroclor 1260	ND		258	169		ug/Kg		65	50 - 125	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	49		45 - 120

Lab Sample ID: MB 440-476777/1-A

Matrix: Water

Analysis Batch: 477820

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 476777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0	0.50	ug/L		05/17/18 06:50	05/22/18 12:36	1
Aroclor 1221	ND		1.0	0.50	ug/L		05/17/18 06:50	05/22/18 12:36	1
Aroclor 1232	ND		1.0	0.50	ug/L		05/17/18 06:50	05/22/18 12:36	1
Aroclor 1242	ND		1.0	0.50	ug/L		05/17/18 06:50	05/22/18 12:36	1
Aroclor 1248	ND		1.0	0.50	ug/L		05/17/18 06:50	05/22/18 12:36	1
Aroclor 1254	ND		1.0	0.50	ug/L		05/17/18 06:50	05/22/18 12:36	1
Aroclor 1260	ND		1.0	0.50	ug/L		05/17/18 06:50	05/22/18 12:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	107		26 - 115	05/17/18 06:50	05/22/18 12:36	1

Lab Sample ID: LCS 440-476777/2-A

Matrix: Water

Analysis Batch: 477820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 476777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.86		ug/L		96	50 - 115
Aroclor 1260	4.00	4.06		ug/L		102	53 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	106		26 - 115

Lab Sample ID: LCSD 440-476777/3-A

Matrix: Water

Analysis Batch: 477820

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 476777

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.80		ug/L		95	50 - 115	2	22
Aroclor 1260	4.00	4.00		ug/L		100	53 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	101		26 - 115

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

GC/MS VOA

Analysis Batch: 476451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-5	AOC4-SV13-15DUP	Total/NA	Solid	8260B	476499
440-211213-8	AOC4-SV11-5	Total/NA	Solid	8260B	476499
440-211213-9	AOC4-SV11-15	Total/NA	Solid	8260B	476499
MB 440-476451/3	Method Blank	Total/NA	Solid	8260B	
LCS 440-476451/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-476451/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 476460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-2	AOC4-SV12-15	Total/NA	Solid	8260B	476499
MB 440-476460/5	Method Blank	Total/NA	Solid	8260B	
LCS 440-476460/6	Lab Control Sample	Total/NA	Solid	8260B	
440-211119-C-1 MS	Matrix Spike	Total/NA	Solid	8260B	
440-211119-C-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	

Prep Batch: 476499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-2	AOC4-SV12-15	Total/NA	Solid	5035	
440-211213-5	AOC4-SV13-15DUP	Total/NA	Solid	5035	
440-211213-8	AOC4-SV11-5	Total/NA	Solid	5035	
440-211213-9	AOC4-SV11-15	Total/NA	Solid	5035	

Analysis Batch: 476762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-1	AOC4-SV12-5	Total/NA	Solid	8260B	476844
440-211213-3	AOC4-SV13-5	Total/NA	Solid	8260B	476844
440-211213-4	AOC4-SV13-15	Total/NA	Solid	8260B	476844
MB 440-476762/5	Method Blank	Total/NA	Solid	8260B	
LCS 440-476762/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-476762/7	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 476844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-1	AOC4-SV12-5	Total/NA	Solid	5035	
440-211213-3	AOC4-SV13-5	Total/NA	Solid	5035	
440-211213-4	AOC4-SV13-15	Total/NA	Solid	5035	

Analysis Batch: 477018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-6	EB-51219-C	Total/NA	Water	8260B	
MB 440-477018/3	Method Blank	Total/NA	Water	8260B	
LCS 440-477018/4	Lab Control Sample	Total/NA	Water	8260B	
440-210891-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-210891-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 476869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-6	EB-51219-C	Total/NA	Water	8015B	

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

GC VOA (Continued)

Analysis Batch: 476869 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-476869/33	Method Blank	Total/NA	Water	8015B	
LCS 440-476869/32	Lab Control Sample	Total/NA	Water	8015B	
440-210928-F-4 MS	Matrix Spike	Total/NA	Water	8015B	
440-210928-F-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

Analysis Batch: 476917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-1	AOC4-SV12-5	Total/NA	Solid	8015B	
440-211213-2	AOC4-SV12-15	Total/NA	Solid	8015B	
440-211213-4	AOC4-SV13-15	Total/NA	Solid	8015B	
440-211213-9	AOC4-SV11-15	Total/NA	Solid	8015B	
MB 440-476917/35	Method Blank	Total/NA	Solid	8015B	
LCS 440-476917/25	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-476917/36	Lab Control Sample Dup	Total/NA	Solid	8015B	
440-211213-1 MS	AOC4-SV12-5	Total/NA	Solid	8015B	
440-211213-1 MSD	AOC4-SV12-5	Total/NA	Solid	8015B	

Analysis Batch: 477126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-3	AOC4-SV13-5	Total/NA	Solid	8015B	
440-211213-5	AOC4-SV13-15DUP	Total/NA	Solid	8015B	
440-211213-8	AOC4-SV11-5	Total/NA	Solid	8015B	
MB 440-477126/6	Method Blank	Total/NA	Solid	8015B	
LCS 440-477126/4	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-477126/5	Lab Control Sample Dup	Total/NA	Solid	8015B	
440-211213-3 MS	AOC4-SV13-5	Total/NA	Solid	8015B	
440-211213-3 MSD	AOC4-SV13-5	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 476166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-1	AOC4-SV12-5	Total/NA	Solid	3546	
440-211213-2	AOC4-SV12-15	Total/NA	Solid	3546	
440-211213-3	AOC4-SV13-5	Total/NA	Solid	3546	
440-211213-4	AOC4-SV13-15	Total/NA	Solid	3546	
440-211213-5	AOC4-SV13-15DUP	Total/NA	Solid	3546	
440-211213-8	AOC4-SV11-5	Total/NA	Solid	3546	
440-211213-9	AOC4-SV11-15	Total/NA	Solid	3546	
MB 440-476166/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-476166/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-211213-1 MS	AOC4-SV12-5	Total/NA	Solid	3546	
440-211213-1 MSD	AOC4-SV12-5	Total/NA	Solid	3546	

Analysis Batch: 476182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-1	AOC4-SV12-5	Total/NA	Solid	8015B	476166
440-211213-2	AOC4-SV12-15	Total/NA	Solid	8015B	476166
440-211213-3	AOC4-SV13-5	Total/NA	Solid	8015B	476166
440-211213-4	AOC4-SV13-15	Total/NA	Solid	8015B	476166

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

GC Semi VOA (Continued)

Analysis Batch: 476182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-5	AOC4-SV13-15DUP	Total/NA	Solid	8015B	476166
440-211213-8	AOC4-SV11-5	Total/NA	Solid	8015B	476166
440-211213-9	AOC4-SV11-15	Total/NA	Solid	8015B	476166
MB 440-476166/1-A	Method Blank	Total/NA	Solid	8015B	476166
LCS 440-476166/2-A	Lab Control Sample	Total/NA	Solid	8015B	476166
440-211213-1 MS	AOC4-SV12-5	Total/NA	Solid	8015B	476166
440-211213-1 MSD	AOC4-SV12-5	Total/NA	Solid	8015B	476166

Prep Batch: 476183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-6	EB-51219-C	Total/NA	Water	3510C	
MB 440-476183/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-476183/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-476183/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 476384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-1	AOC4-SV12-5	Total/NA	Solid	3546	
440-211213-2	AOC4-SV12-15	Total/NA	Solid	3546	
440-211213-3	AOC4-SV13-5	Total/NA	Solid	3546	
440-211213-4	AOC4-SV13-15	Total/NA	Solid	3546	
440-211213-5	AOC4-SV13-15DUP	Total/NA	Solid	3546	
440-211213-8	AOC4-SV11-5	Total/NA	Solid	3546	
440-211213-9	AOC4-SV11-15	Total/NA	Solid	3546	
MB 440-476384/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-476384/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-211172-A-17-A MS	Matrix Spike	Total/NA	Solid	3546	
440-211172-A-17-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 476494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-6	EB-51219-C	Total/NA	Water	8015B	476183
MB 440-476183/1-A	Method Blank	Total/NA	Water	8015B	476183
LCS 440-476183/2-A	Lab Control Sample	Total/NA	Water	8015B	476183
LCSD 440-476183/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	476183

Prep Batch: 476777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-6	EB-51219-C	Total/NA	Water	3510C	
MB 440-476777/1-A	Method Blank	Total/NA	Water	3510C	
LCS 440-476777/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 440-476777/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 476840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-1	AOC4-SV12-5	Total/NA	Solid	8082	476384
440-211213-2	AOC4-SV12-15	Total/NA	Solid	8082	476384
MB 440-476384/1-A	Method Blank	Total/NA	Solid	8082	476384
LCS 440-476384/2-A	Lab Control Sample	Total/NA	Solid	8082	476384
440-211172-A-17-A MS	Matrix Spike	Total/NA	Solid	8082	476384
440-211172-A-17-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	476384

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Analysis Batch: 477166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-3	AOC4-SV13-5	Total/NA	Solid	8082	476384
440-211213-4	AOC4-SV13-15	Total/NA	Solid	8082	476384
440-211213-5	AOC4-SV13-15DUP	Total/NA	Solid	8082	476384
440-211213-8	AOC4-SV11-5	Total/NA	Solid	8082	476384
440-211213-9	AOC4-SV11-15	Total/NA	Solid	8082	476384

Analysis Batch: 477820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-211213-6	EB-51219-C	Total/NA	Water	8082	476777
MB 440-476777/1-A	Method Blank	Total/NA	Water	8082	476777
LCS 440-476777/2-A	Lab Control Sample	Total/NA	Water	8082	476777
LCSD 440-476777/3-A	Lab Control Sample Dup	Total/NA	Water	8082	476777

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi 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.

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-211213-1

Laboratory: TestAmerica Irvine

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	CA ELAP 2706	06-30-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8015B		Solid	GRO (C4-C12)
8015B		Water	GRO (C4-C12)
8015B	3510C	Water	DRO (C13-C22)
8015B	3510C	Water	ORO (C23-C40)
8015B	3546	Solid	DRO (C13-C22)
8015B	3546	Solid	ORO (C23-C40)
8260B		Water	m,p-Xylene
8260B	5035	Solid	m,p-Xylene

Kim, Martin C.

From: King, Justin <Justin.King@parsons.com>
Sent: Monday, May 14, 2018 12:53 PM
To: Kim, Martin C.; Mata, Patty
Subject: RE: PLEASE READ: TestAmerica Sample Login Confirmation files from 440-211213 LAUSD Reseda H.S., CA

-External Email-

The sample ID for Sample #9 should be AOC4-SV11-15. Please do not analyze the DUP for lead. Thanks, Justin

From: Kim, Martin <martin.kim@testamericainc.com>
Sent: Monday, May 14, 2018 10:55 AM
To: King, Justin <Justin.King@parsons.com>; patty.mata@testamericainc.com
Subject: PLEASE READ: TestAmerica Sample Login Confirmation files from 440-211213 LAUSD Reseda H.S., CA

Hello,

Attached, please find the Sample Confirmation files for job 440-211213; LAUSD Reseda H.S., CA

Sample #9 - On the COC was listed AO4-SV11-15 and on the COC was listed AOC4-SAV11-15
Please confirm which is correct.

There is a mark for Lead Analysis on the COC for the DUP sample. It has not been logged in for Lead currently.
Please confirm whether or not it is supposed to be logged in for Lead.

Please feel free to contact me or your PM, Patty Mata, if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback\[surveymonkey.com\]](https://www.surveymonkey.com/projects/Project-Feedback)

MARTIN C KIM
Project Manager Assistant

TestAmerica Irvine
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 949.261,1022

Reference: [447387]
Attachments: 2

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TestAmerica Laboratories, Inc.

Regulatory Program: ☐ dW ☐ NPDES ☐ RCRA ☒ Other:

phone 949.261.1022 fax 949.260.3299


Parsons	Client Contact	Project Manager: Justin King	Site Contact:	Date: 5-12-08	COC No:
100 West Walnut St		Tel/Fax: 626-440-6133	Lab Contact: Patty Mata	Carrier:	1 of 1 COCs
Pasadena, Ca 91124		Analysis Turnaround Time			Sampler: Nenetta Paulson
(626) 440-6133		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below Sid <input checked="" type="checkbox"/>			For Lab Use Only:
		<input type="checkbox"/> 2 weeks			Walk-in Client:
		<input type="checkbox"/> 1 week			Lab Sampling:
		<input type="checkbox"/> 2 days			
		<input type="checkbox"/> 1 day			Job / SDG No.:
Project Name: Resdea HS PEA					
Site: Reseda HS					
P O # 450810					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sa	Perform M	Arsenic	Lead	PCBs	OCp	TPH	VOCs
AOC4-SV12-5	5/12/18	0759	G	S	6					X	X	X	X
AOC4-SV12-15	5/12/18	0815	G	S	6					X	X	X	X
AOC4-SV13-5	5/12/18	0910	G	S	6					X	X	X	X
AOC4-SV13-15	5/12/18	1015	G	S	6					X	X	X	X
AOC4-SV13-15DUP	5/12/18	1020	G	S	6				X	X	X	X	X
EB-SV1214-C	5/12/18	1045	G	L	9				X	X	X	X	X
TB	5/12/18	1050	G	L	1								X
AOC4-SV11-5	5/12/18	1101	G	S	6				X	X	X	X	X
AOC4-SV11-15	5/12/18	1150	G	S	6				X	X	X	X	X

Sample Specific Notes:

5/12/18
LB

100A no #C1



440-211213 Chain of Custody

[illegible]

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous waste? Please List any EPA waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Return to Client	<input checked="" type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Archive for Months
--	------------------------------------	--	-----------------------------------	----------------------------------	---	---	---

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
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Relinquished by: _____
 Company: *Prosim*
 Date/Time: *5/20/98 11:00*
 Received by: _____
 Company: _____
 Date/Time: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
		10.30.13			11.02.11

7A-1K3	5/11/74	410	Company:	Date time:
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Relinquished by: _____
Date/Time: _____
Received in Laboratory by: _____
Company: TEB
Date/Time: 5/1/12

Form No.	CA-CM1009	Rev.	4.4E	4-99-1009-2100-047
Exam No.	012410			
Exam V				

Form No. CA-C-WI-002, Rev. 4.15, dated 9/27/2017

The grid contains the following numbers (row by row):

1	2	3	4	5	6	7	8	9	1
1	1	1	1	1	1	1	1	1	1

Below the grid is a drawing of a person.

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-211213-1

Login Number: 211213

List Source: TestAmerica Irvine

List Number: 1

Creator: Bonta, Lucia F

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Irvine

17461 Derian Ave

Suite 100

Irvine, CA 92614-5817

Tel: (949)261-1022

TestAmerica Job ID: 440-199041-1

Client Project/Site: LAUSD Reseda H.S., CA

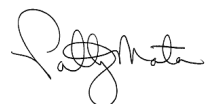
For:

Parsons Corporation

100 W Walnut Street

Pasadena, California 91124

Attn: Justin King



Authorized for release by:

12/30/2017 9:20:56 AM

Patty Mata, Senior Project Manager

(949)261-1022

patty.mata@testamericainc.com

LINKS

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results through

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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.

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Sample Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-199041-1	Drum Composite	Solid	12/22/17 11:00	12/22/17 18:00

Case Narrative

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Job ID: 440-199041-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative 440-199041-1

Comments

No additional comments.

Receipt

The sample was received on 12/22/2017 6:00 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3° C.

GC/MS VOA

Method(s) 8260B: Internal standard (ISTD) response for TBA-d9 for the following sample was above outside acceptance criteria: Drum Composite (440-199041-1). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method(s) 8260B: The laboratory control sample (LCS) for analytical batch 440-448948 recovered outside control limits for the following analytes: Bromoform and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for analytical batch 440-448948 recovered outside control limits for the following analytes: n-Butylbenzene, 1,3,5-Trimethylbenzene and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8015B: The 8015-DRO matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 440-448460 and analytical batch 440-448504 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) was within acceptance limits.

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 440-449003 and analytical batch 440-449006 were outside control limits for Endosulfan sulfate. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Client Sample ID: Drum Composite

Lab Sample ID: 440-199041-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.3		2.2	1.1	ug/Kg	1		8260B	Total/NA
Toluene	2.0	J	2.2	1.1	ug/Kg	1		8260B	Total/NA
DRO (C13-C22)	4.8	J	5.0	2.5	mg/Kg	1		8015B	Total/NA
ORO (C23-C40)	35		5.0	2.5	mg/Kg	1		8015B	Total/NA
4,4'-DDE	4.1	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.7	J	5.0	1.5	ug/Kg	1		8081A	Total/NA
Chlordane (technical)	11	J	50	10	ug/Kg	1		8081A	Total/NA
Arsenic	8.7		3.0	1.5	mg/Kg	5		6010B	Total/NA
Barium	150		1.5	0.75	mg/Kg	5		6010B	Total/NA
Beryllium	0.77		0.50	0.25	mg/Kg	5		6010B	Total/NA
Cadmium	2.0		0.50	0.25	mg/Kg	5		6010B	Total/NA
Chromium	29		1.0	0.50	mg/Kg	5		6010B	Total/NA
Cobalt	8.5		1.0	0.50	mg/Kg	5		6010B	Total/NA
Copper	27		2.0	1.1	mg/Kg	5		6010B	Total/NA
Lead	29		2.0	1.0	mg/Kg	5		6010B	Total/NA
Molybdenum	5.4		2.0	1.0	mg/Kg	5		6010B	Total/NA
Nickel	31		2.0	1.0	mg/Kg	5		6010B	Total/NA
Vanadium	61		1.0	0.50	mg/Kg	5		6010B	Total/NA
Zinc	91		5.0	2.5	mg/Kg	5		6010B	Total/NA
Mercury	0.029		0.020	0.012	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Client Sample ID: Drum Composite

Lab Sample ID: 440-199041-1

Date Collected: 12/22/17 11:00

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.3		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Bromobenzene	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Bromochloromethane	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Bromodichloromethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Bromoform	ND	*	5.4	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
2-Butanone (MEK)	ND		11	5.4	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Carbon tetrachloride	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Chlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Chloroethane	ND		5.4	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Chloroform	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Chloromethane	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
2-Chlorotoluene	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
4-Chlorotoluene	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
cis-1,2-Dichloroethene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
cis-1,3-Dichloropropene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Dibromochloromethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,2-Dibromo-3-Chloropropane	ND	*	5.4	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,2-Dibromoethane (EDB)	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Dibromomethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,2-Dichlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,3-Dichlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,4-Dichlorobenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Dichlorodifluoromethane	ND		5.4	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,1-Dichloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,2-Dichloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,1-Dichloroethene	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,2-Dichloropropane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,3-Dichloropropane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
2,2-Dichloropropane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,1-Dichloropropene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Ethylbenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Hexachlorobutadiene	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Isopropylbenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Methylene Chloride	ND		22	5.4	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Methyl-t-Butyl Ether (MTBE)	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
m,p-Xylene	ND		4.3	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Naphthalene	ND		5.4	2.2	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
n-Butylbenzene	ND	*	5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
N-Propylbenzene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
o-Xylene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
p-Isopropyltoluene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
sec-Butylbenzene	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Styrene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
tert-Butylbenzene	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,1,1,2-Tetrachloroethane	ND		5.4	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
1,1,2,2-Tetrachloroethane	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Tetrachloroethene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
Toluene	2.0	J	2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1
trans-1,2-Dichloroethene	ND		2.2	1.1	ug/Kg		12/28/17 10:43	12/28/17 11:03	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Client Sample ID: Drum Composite

Lab Sample ID: 440-199041-1

Date Collected: 12/22/17 11:00

Matrix: Solid

Date Received: 12/22/17 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.2	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
1,2,3-Trichlorobenzene	ND		5.4	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
1,2,4-Trichlorobenzene	ND		5.4	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
1,1,1-Trichloroethane	ND		2.2	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
1,1,2-Trichloroethane	ND		2.2	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
Trichloroethene	ND		2.2	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
Trichlorofluoromethane	ND		5.4	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
1,2,3-Trichloropropane	ND		11	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
1,2,4-Trimethylbenzene	ND		2.2	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
1,3,5-Trimethylbenzene	ND *		2.2	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1
Vinyl chloride	ND		5.4	1.1	ug/Kg	-	12/28/17 10:43	12/28/17 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		74 - 124	12/28/17 10:43	12/28/17 11:03	1
Dibromofluoromethane (Surr)	107		80 - 135	12/28/17 10:43	12/28/17 11:03	1
Toluene-d8 (Surr)	104		80 - 122	12/28/17 10:43	12/28/17 11:03	1

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg	-		12/28/17 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		65 - 140		12/28/17 19:45	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	4.8	J	5.0	2.5	mg/Kg	-	12/23/17 07:09	12/23/17 17:19	1
ORO (C23-C40)	35		5.0	2.5	mg/Kg	-	12/23/17 07:09	12/23/17 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	79		40 - 140	12/23/17 07:09	12/23/17 17:19	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
4,4'-DDE	4.1	J	5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
4,4'-DDT	2.7	J	5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Aldrin	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
alpha-BHC	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
beta-BHC	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Chlordane (technical)	11	J	50	10	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
delta-BHC	ND		10	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Dieldrin	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Endosulfan I	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Endosulfan II	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Endosulfan sulfate	ND	F1	10	2.0	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Endrin	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Endrin ketone	ND		5.0	2.0	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1
Heptachlor	ND		5.0	2.0	ug/Kg	-	12/28/17 10:18	12/28/17 17:35	1

TestAmerica Irvine

Client Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Client Sample ID: Drum Composite

Lab Sample ID: 440-199041-1

Date Collected: 12/22/17 11:00

Matrix: Solid

Date Received: 12/22/17 18:00

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 17:35	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 17:35	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		35 - 115				12/28/17 10:18	12/28/17 17:35	1
DCB Decachlorobiphenyl (Surr)	61		45 - 120				12/28/17 10:18	12/28/17 17:35	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	5.0	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Arsenic	8.7		3.0	1.5	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Barium	150		1.5	0.75	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Beryllium	0.77		0.50	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Cadmium	2.0		0.50	0.25	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Chromium	29		1.0	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Cobalt	8.5		1.0	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Copper	27		2.0	1.1	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Lead	29		2.0	1.0	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Molybdenum	5.4		2.0	1.0	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Nickel	31		2.0	1.0	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Selenium	ND		3.0	1.7	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Silver	ND		1.5	0.89	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Thallium	ND		10	5.0	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Vanadium	61		1.0	0.50	mg/Kg		12/27/17 08:47	12/27/17 18:13	5
Zinc	91		5.0	2.5	mg/Kg		12/27/17 08:47	12/27/17 18:13	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.020	0.012	mg/Kg		12/26/17 11:57	12/27/17 21:43	1

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (74-124)	DBFM (80-135)	TOL (80-122)
440-199041-1	Drum Composite	107	107	104
LCS 440-448948/5	Lab Control Sample	97	105	100
LCSD 440-448948/6	Lab Control Sample Dup	100	105	99
MB 440-448948/3	Method Blank	95	111	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (65-140)
440-199041-1	Drum Composite	75
440-199084-A-1 MS	Matrix Spike	90
440-199084-A-1 MSD	Matrix Spike Duplicate	81
LCS 440-448956/3	Lab Control Sample	124
LCSD 440-448956/4	Lab Control Sample Dup	123
MB 440-448956/5	Method Blank	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCN1 (40-140)
440-199041-1	Drum Composite	79
440-199041-1 MS	Drum Composite	75
440-199041-1 MSD	Drum Composite	82
LCS 440-448460/2-A	Lab Control Sample	89
MB 440-448460/1-A	Method Blank	90

Surrogate Legend

OTCN = n-Octacosane

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (35-115)	DCB2 (45-120)
440-199041-1	Drum Composite	80	61
440-199041-1 MS	Drum Composite	71	54
440-199041-1 MSD	Drum Composite	69	52

TestAmerica Irvine

Surrogate Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (35-115)	DCB2 (45-120)
LCS 440-449003/2-A	Lab Control Sample	92	83
MB 440-449003/1-A	Method Blank	87	70

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

Method Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
8081A	Organochlorine Pesticides (GC)	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Client Sample ID: Drum Composite

Date Collected: 12/22/17 11:00

Date Received: 12/22/17 18:00

Lab Sample ID: 440-199041-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.623 g	10 mL	449019	12/28/17 10:43	AYL	TAL IRV
Total/NA	Analysis	8260B		1	10 mL	10 mL	448948	12/28/17 11:03	AYL	TAL IRV
Total/NA	Analysis	8015B		1	5.04 g	10 mL	448956	12/28/17 19:45	KGL	TAL IRV
Total/NA	Prep	3546			15.03 g	1 mL	448460	12/23/17 07:09	L1A	TAL IRV
Total/NA	Analysis	8015B		1			448504	12/23/17 17:19	LMB	TAL IRV
Total/NA	Prep	3546			15.00 g	2 mL	449003	12/28/17 10:18	L1A	TAL IRV
Total/NA	Analysis	8081A		1			449006	12/28/17 17:35	D1D	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	448722	12/27/17 08:47	DT	TAL IRV
Total/NA	Analysis	6010B		5			448893	12/27/17 18:13	K1E	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	448579	12/26/17 11:57	Q1N	TAL IRV
Total/NA	Analysis	7471A		1			449054	12/27/17 21:43	DB	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Lab Sample ID: MB 440-448948/3

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Bromobenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Bromochloromethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Bromodichloromethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Bromoform	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
2-Butanone (MEK)	ND		10	5.0	ug/Kg			12/28/17 08:06	1
Carbon tetrachloride	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Chlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Chloroethane	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
Chloroform	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Chloromethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
2-Chlorotoluene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
4-Chlorotoluene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
cis-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
cis-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Dibromochloromethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
1,2-Dibromoethane (EDB)	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Dibromomethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dichlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,3-Dichlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,4-Dichlorobenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Dichlorodifluoromethane	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
1,1-Dichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,1-Dichloroethene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,2-Dichloropropane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,3-Dichloropropane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
2,2-Dichloropropane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,1-Dichloropropene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Ethylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Hexachlorobutadiene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Isopropylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Methylene Chloride	ND		20	5.0	ug/Kg			12/28/17 08:06	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
m,p-Xylene	ND		4.0	2.0	ug/Kg			12/28/17 08:06	1
Naphthalene	ND		5.0	2.0	ug/Kg			12/28/17 08:06	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
N-Propylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
o-Xylene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
p-Isopropyltoluene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
sec-Butylbenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
Styrene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
tert-Butylbenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,1,2-Tetrachloroethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Tetrachloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Toluene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Lab Sample ID: MB 440-448948/3

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
trans-1,3-Dichloropropene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,2,4-Trichlorobenzene	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,1-Trichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,1,2-Trichloroethane	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Trichloroethene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1
1,2,3-Trichloropropane	ND		10	1.0	ug/Kg			12/28/17 08:06	1
1,2,4-Trimethylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
1,3,5-Trimethylbenzene	ND		2.0	1.0	ug/Kg			12/28/17 08:06	1
Vinyl chloride	ND		5.0	1.0	ug/Kg			12/28/17 08:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		74 - 124		12/28/17 08:06	1
Dibromofluoromethane (Surr)	111		80 - 135		12/28/17 08:06	1
Toluene-d8 (Surr)	100		80 - 122		12/28/17 08:06	1

Lab Sample ID: LCS 440-448948/5

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	52.3		ug/Kg		105	65 - 120
Bromobenzene	50.0	54.1		ug/Kg		108	70 - 120
Bromochloromethane	50.0	61.9		ug/Kg		124	75 - 145
Bromodichloromethane	50.0	57.5		ug/Kg		115	75 - 135
Bromoform	50.0	68.2	*	ug/Kg		136	75 - 135
Bromomethane	50.0	50.6		ug/Kg		101	65 - 140
2-Butanone (MEK)	50.0	78.8		ug/Kg		158	25 - 170
Carbon tetrachloride	50.0	55.7		ug/Kg		111	65 - 130
Chlorobenzene	50.0	53.2		ug/Kg		106	70 - 120
Chloroethane	50.0	46.6		ug/Kg		93	60 - 135
Chloroform	50.0	52.6		ug/Kg		105	70 - 140
Chloromethane	50.0	46.6		ug/Kg		93	45 - 135
2-Chlorotoluene	50.0	51.9		ug/Kg		104	60 - 115
4-Chlorotoluene	50.0	53.7		ug/Kg		107	65 - 115
cis-1,2-Dichloroethene	50.0	53.3		ug/Kg		107	65 - 135
cis-1,3-Dichloropropene	50.0	57.0		ug/Kg		114	75 - 135
Dibromochloromethane	50.0	61.4		ug/Kg		123	75 - 135
1,2-Dibromo-3-Chloropropane	50.0	78.3	*	ug/Kg		157	75 - 150
1,2-Dibromoethane (EDB)	50.0	64.4		ug/Kg		129	85 - 140
Dibromomethane	50.0	60.5		ug/Kg		121	80 - 145
1,2-Dichlorobenzene	50.0	54.9		ug/Kg		110	75 - 125
1,3-Dichlorobenzene	50.0	52.2		ug/Kg		104	70 - 115
1,4-Dichlorobenzene	50.0	51.8		ug/Kg		104	70 - 120
Dichlorodifluoromethane	50.0	49.8		ug/Kg		100	35 - 160
1,1-Dichloroethane	50.0	52.4		ug/Kg		105	65 - 135

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Lab Sample ID: LCS 440-448948/5

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	62.0		ug/Kg		124	80 - 140
1,1-Dichloroethene	50.0	52.1		ug/Kg		104	55 - 130
1,2-Dichloropropane	50.0	54.9		ug/Kg		110	65 - 130
1,3-Dichloropropane	50.0	61.8		ug/Kg		124	80 - 135
2,2-Dichloropropane	50.0	56.6		ug/Kg		113	65 - 140
1,1-Dichloropropene	50.0	54.8		ug/Kg		110	80 - 120
Ethylbenzene	50.0	54.0		ug/Kg		108	70 - 120
Hexachlorobutadiene	50.0	47.9		ug/Kg		96	60 - 140
Isopropylbenzene	50.0	58.0		ug/Kg		116	55 - 120
Methylene Chloride	50.0	51.4		ug/Kg		103	60 - 140
Methyl-t-Butyl Ether (MTBE)	50.0	62.9		ug/Kg		126	75 - 150
m,p-Xylene	50.0	55.8		ug/Kg		112	65 - 120
Naphthalene	50.0	71.5		ug/Kg		143	70 - 160
n-Butylbenzene	50.0	54.2		ug/Kg		108	65 - 115
N-Propylbenzene	50.0	55.3		ug/Kg		111	60 - 115
o-Xylene	50.0	58.1		ug/Kg		116	70 - 125
p-Isopropyltoluene	50.0	54.9		ug/Kg		110	70 - 120
sec-Butylbenzene	50.0	54.9		ug/Kg		110	70 - 120
Styrene	50.0	54.3		ug/Kg		109	75 - 130
tert-Butylbenzene	50.0	55.3		ug/Kg		111	70 - 125
1,1,1,2-Tetrachloroethane	50.0	57.6		ug/Kg		115	75 - 130
1,1,2,2-Tetrachloroethane	50.0	66.5		ug/Kg		133	75 - 150
Tetrachloroethene	50.0	52.4		ug/Kg		105	65 - 130
Toluene	50.0	56.1		ug/Kg		112	70 - 120
trans-1,2-Dichloroethene	50.0	53.6		ug/Kg		107	65 - 135
trans-1,3-Dichloropropene	50.0	60.4		ug/Kg		121	75 - 145
1,2,3-Trichlorobenzene	50.0	57.3		ug/Kg		115	75 - 145
1,2,4-Trichlorobenzene	50.0	53.4		ug/Kg		107	70 - 145
1,1,1-Trichloroethane	50.0	54.1		ug/Kg		108	70 - 135
1,1,2-Trichloroethane	50.0	62.4		ug/Kg		125	80 - 145
Trichloroethene	50.0	54.5		ug/Kg		109	65 - 120
Trichlorofluoromethane	50.0	54.1		ug/Kg		108	60 - 145
1,2,3-Trichloropropane	50.0	70.8		ug/Kg		142	65 - 150
1,2,4-Trimethylbenzene	50.0	51.8		ug/Kg		104	65 - 115
1,3,5-Trimethylbenzene	50.0	55.8		ug/Kg		112	65 - 115
Vinyl chloride	50.0	48.2		ug/Kg		96	45 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		74 - 124
Dibromofluoromethane (Surr)	105		80 - 135
Toluene-d8 (Surr)	100		80 - 122

Lab Sample ID: LCSD 440-448948/6

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	53.0		ug/Kg		106	65 - 120	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Lab Sample ID: LCSD 440-448948/6

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	50.0	55.3		ug/Kg		111	70 - 120	2	20
Bromochloromethane	50.0	60.7		ug/Kg		121	75 - 145	2	20
Bromodichloromethane	50.0	57.4		ug/Kg		115	75 - 135	0	20
Bromoform	50.0	66.2		ug/Kg		132	75 - 135	3	25
Bromomethane	50.0	52.2		ug/Kg		104	65 - 140	3	20
2-Butanone (MEK)	50.0	81.4		ug/Kg		163	25 - 170	3	30
Carbon tetrachloride	50.0	56.0		ug/Kg		112	65 - 130	1	20
Chlorobenzene	50.0	53.2		ug/Kg		106	70 - 120	0	20
Chloroethane	50.0	47.5		ug/Kg		95	60 - 135	2	25
Chloroform	50.0	52.9		ug/Kg		106	70 - 140	1	20
Chloromethane	50.0	48.2		ug/Kg		96	45 - 135	3	25
2-Chlorotoluene	50.0	53.9		ug/Kg		108	60 - 115	4	20
4-Chlorotoluene	50.0	54.8		ug/Kg		110	65 - 115	2	20
cis-1,2-Dichloroethene	50.0	54.0		ug/Kg		108	65 - 135	1	20
cis-1,3-Dichloropropene	50.0	58.2		ug/Kg		116	75 - 135	2	20
Dibromochloromethane	50.0	61.0		ug/Kg		122	75 - 135	1	20
1,2-Dibromo-3-Chloropropane	50.0	81.2 *		ug/Kg		162	75 - 150	4	30
1,2-Dibromoethane (EDB)	50.0	64.2		ug/Kg		128	85 - 140	0	20
Dibromomethane	50.0	61.7		ug/Kg		123	80 - 145	2	20
1,2-Dichlorobenzene	50.0	56.5		ug/Kg		113	75 - 125	3	20
1,3-Dichlorobenzene	50.0	53.8		ug/Kg		108	70 - 115	3	20
1,4-Dichlorobenzene	50.0	53.4		ug/Kg		107	70 - 120	3	20
Dichlorodifluoromethane	50.0	51.6		ug/Kg		103	35 - 160	4	30
1,1-Dichloroethane	50.0	53.9		ug/Kg		108	65 - 135	3	20
1,2-Dichloroethane	50.0	61.9		ug/Kg		124	80 - 140	0	20
1,1-Dichloroethene	50.0	52.8		ug/Kg		106	55 - 130	1	20
1,2-Dichloropropane	50.0	55.4		ug/Kg		111	65 - 130	1	20
1,3-Dichloropropane	50.0	59.6		ug/Kg		119	80 - 135	4	20
2,2-Dichloropropane	50.0	57.3		ug/Kg		115	65 - 140	1	20
1,1-Dichloropropene	50.0	56.1		ug/Kg		112	80 - 120	2	20
Ethylbenzene	50.0	54.2		ug/Kg		108	70 - 120	0	20
Hexachlorobutadiene	50.0	51.5		ug/Kg		103	60 - 140	7	20
Isopropylbenzene	50.0	58.7		ug/Kg		117	55 - 120	1	20
Methylene Chloride	50.0	46.0		ug/Kg		92	60 - 140	11	20
Methyl-t-Butyl Ether (MTBE)	50.0	65.2		ug/Kg		130	75 - 150	4	20
m,p-Xylene	50.0	55.6		ug/Kg		111	65 - 120	0	20
Naphthalene	50.0	75.0		ug/Kg		150	70 - 160	5	25
n-Butylbenzene	50.0	58.0 *		ug/Kg		116	65 - 115	7	20
N-Propylbenzene	50.0	57.6		ug/Kg		115	60 - 115	4	20
o-Xylene	50.0	57.7		ug/Kg		115	70 - 125	1	20
p-Isopropyltoluene	50.0	57.4		ug/Kg		115	70 - 120	4	20
sec-Butylbenzene	50.0	58.2		ug/Kg		116	70 - 120	6	20
Styrene	50.0	54.9		ug/Kg		110	75 - 130	1	20
tert-Butylbenzene	50.0	58.0		ug/Kg		116	70 - 125	5	20
1,1,1,2-Tetrachloroethane	50.0	57.1		ug/Kg		114	75 - 130	1	20
1,1,2,2-Tetrachloroethane	50.0	67.6		ug/Kg		135	75 - 150	2	30
Tetrachloroethene	50.0	52.5		ug/Kg		105	65 - 130	0	20
Toluene	50.0	55.6		ug/Kg		111	70 - 120	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Lab Sample ID: LCSD 440-448948/6

Matrix: Solid

Analysis Batch: 448948

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	50.0	55.7		ug/Kg		111	65 - 135	4	20
trans-1,3-Dichloropropene	50.0	60.6		ug/Kg		121	75 - 145	0	20
1,2,3-Trichlorobenzene	50.0	59.7		ug/Kg		119	75 - 145	4	20
1,2,4-Trichlorobenzene	50.0	55.3		ug/Kg		111	70 - 145	4	20
1,1,1-Trichloroethane	50.0	55.4		ug/Kg		111	70 - 135	2	20
1,1,2-Trichloroethane	50.0	60.6		ug/Kg		121	80 - 145	3	20
Trichloroethene	50.0	55.5		ug/Kg		111	65 - 120	2	20
Trichlorofluoromethane	50.0	54.9		ug/Kg		110	60 - 145	1	25
1,2,3-Trichloropropane	50.0	74.1		ug/Kg		148	65 - 150	5	25
1,2,4-Trimethylbenzene	50.0	53.4		ug/Kg		107	65 - 115	3	20
1,3,5-Trimethylbenzene	50.0	58.3	*	ug/Kg		117	65 - 115	4	20
Vinyl chloride	50.0	49.8		ug/Kg		100	45 - 135	3	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		74 - 124
Dibromofluoromethane (Surr)	105		80 - 135
Toluene-d8 (Surr)	99		80 - 122

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-448956/5

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400	150	ug/Kg			12/28/17 09:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		65 - 140					12/28/17 09:26	1

Lab Sample ID: LCS 440-448956/3

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
GRO (C4-C12)			1600	1910		ug/Kg	-	119	70 - 135		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	124		65 - 140								

Lab Sample ID: LCSD 440-448956/4

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1600	1890		ug/Kg		118	70 - 135	1	20

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 440-448956/4

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		65 - 140

Lab Sample ID: 440-199084-A-1 MS

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	ND		1590	1260		ug/Kg		79	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		65 - 140

Lab Sample ID: 440-199084-A-1 MSD

Matrix: Solid

Analysis Batch: 448956

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1590	1090		ug/Kg		68	60 - 140	15	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		65 - 140

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 440-448460/1-A

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C13-C22)	ND		5.0	2.5	mg/Kg		12/23/17 07:09	12/23/17 16:36	1
ORO (C23-C40)	ND		5.0	2.5	mg/Kg		12/23/17 07:09	12/23/17 16:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	90		40 - 140	12/23/17 07:09	12/23/17 16:36	1

Lab Sample ID: LCS 440-448460/2-A

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448460

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	66.4	56.5		mg/Kg		85	45 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane	89		40 - 140

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 440-199041-1 MS

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Drum Composite

Prep Type: Total/NA

Prep Batch: 448460

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
C10-C28	17	F2 B	66.5	76.2		mg/Kg		88	40 - 120
Surrogate	%Recovery	MS Qualifier	Limits						
n-Octacosane	75		40 - 140						

Lab Sample ID: 440-199041-1 MSD

Matrix: Solid

Analysis Batch: 448504

Client Sample ID: Drum Composite

Prep Type: Total/NA

Prep Batch: 448460

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
C10-C28	17	F2 B	66.6	52.5	F2	mg/Kg		53	40 - 120	37	30
Surrogate	%Recovery	MSD Qualifier	Limits								
n-Octacosane	82		40 - 140								

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 440-449003/1-A

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 449003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
4,4'-DDE	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Aldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
alpha-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
beta-BHC	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Chlordane (technical)	ND		50	10	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
delta-BHC	ND		10	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Dieldrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan I	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan II	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endosulfan sulfate	ND		10	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin aldehyde	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Endrin ketone	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
gamma-BHC (Lindane)	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Heptachlor	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Heptachlor epoxide	ND		5.0	2.0	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Methoxychlor	ND		5.0	1.5	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Toxaphene	ND		200	50	ug/Kg		12/28/17 10:18	12/28/17 16:36	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		35 - 115				12/28/17 10:18	12/28/17 16:36	1
DCB Decachlorobiphenyl (Surr)	70		45 - 120				12/28/17 10:18	12/28/17 16:36	1

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 440-449003/2-A

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	13.3	12.7		ug/Kg		95	59 - 118
4,4'-DDE	13.3	12.1		ug/Kg		91	55 - 115
4,4'-DDT	13.3	12.8		ug/Kg		96	51 - 131
Aldrin	13.3	11.9		ug/Kg		90	46 - 115
alpha-BHC	13.3	11.7		ug/Kg		87	38 - 115
beta-BHC	13.3	11.6		ug/Kg		87	46 - 115
delta-BHC	13.3	11.9		ug/Kg		89	52 - 115
Dieldrin	13.3	12.3		ug/Kg		92	57 - 115
Endosulfan I	13.3	11.7		ug/Kg		88	56 - 115
Endosulfan II	13.3	11.4		ug/Kg		86	49 - 117
Endosulfan sulfate	13.3	11.6		ug/Kg		87	54 - 115
Endrin	13.3	12.1		ug/Kg		91	56 - 120
Endrin aldehyde	13.3	10.5		ug/Kg		78	41 - 115
Endrin ketone	13.3	12.1		ug/Kg		91	54 - 119
gamma-BHC (Lindane)	13.3	11.8		ug/Kg		89	49 - 115
Heptachlor	13.3	11.9		ug/Kg		90	52 - 115
Heptachlor epoxide	13.3	11.7		ug/Kg		87	38 - 128
Methoxychlor	13.3	14.2		ug/Kg		107	46 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	92		35 - 115
DCB Decachlorobiphenyl (Surr)	83		45 - 120

Lab Sample ID: 440-199041-1 MS

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Drum Composite

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	ND		13.3	8.95		ug/Kg		67	40 - 130
4,4'-DDE	4.1	J	13.3	12.9		ug/Kg		67	35 - 130
4,4'-DDT	2.7	J	13.3	12.5		ug/Kg		73	35 - 130
Aldrin	ND		13.3	8.89		ug/Kg		67	40 - 115
alpha-BHC	ND		13.3	8.60		ug/Kg		65	40 - 115
beta-BHC	ND		13.3	8.51		ug/Kg		64	40 - 120
delta-BHC	ND		13.3	8.57	J	ug/Kg		64	45 - 120
Dieldrin	ND		13.3	8.73		ug/Kg		65	40 - 125
Endosulfan I	ND		13.3	8.28		ug/Kg		62	40 - 120
Endosulfan II	ND		13.3	7.61		ug/Kg		57	40 - 125
Endosulfan sulfate	ND	F1	13.3	16.8	F1	ug/Kg		126	45 - 120
Endrin	ND		13.3	8.54		ug/Kg		64	45 - 125
Endrin aldehyde	ND		13.3	6.57	p	ug/Kg		49	30 - 120
Endrin ketone	ND		13.3	7.66		ug/Kg		57	40 - 120
gamma-BHC (Lindane)	ND		13.3	8.59		ug/Kg		64	40 - 120
Heptachlor	ND		13.3	8.53		ug/Kg		64	40 - 115
Heptachlor epoxide	ND		13.3	8.51		ug/Kg		64	45 - 115
Methoxychlor	ND		13.3	9.26		ug/Kg		69	40 - 135

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 440-199041-1 MS

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Drum Composite

Prep Type: Total/NA

Prep Batch: 449003

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	71		35 - 115
DCB Decachlorobiphenyl (Surr)	54		45 - 120

Lab Sample ID: 440-199041-1 MSD

Matrix: Solid

Analysis Batch: 449006

Client Sample ID: Drum Composite

Prep Type: Total/NA

Prep Batch: 449003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		13.3	8.33		ug/Kg		62	40 - 130	7	30
4,4'-DDE	4.1	J	13.3	12.5		ug/Kg		64	35 - 130	3	30
4,4'-DDT	2.7	J	13.3	11.5		ug/Kg		66	35 - 130	8	30
Aldrin	ND		13.3	8.50		ug/Kg		64	40 - 115	5	30
alpha-BHC	ND		13.3	8.27		ug/Kg		62	40 - 115	4	30
beta-BHC	ND		13.3	8.06		ug/Kg		60	40 - 120	5	30
delta-BHC	ND		13.3	8.20	J	ug/Kg		61	45 - 120	4	30
Dieldrin	ND		13.3	8.25		ug/Kg		62	40 - 125	6	30
Endosulfan I	ND		13.3	7.64		ug/Kg		57	40 - 120	8	30
Endosulfan II	ND		13.3	7.04		ug/Kg		53	40 - 125	8	30
Endosulfan sulfate	ND	F1	13.3	18.8	F1	ug/Kg		141	45 - 120	11	30
Endrin	ND		13.3	8.04		ug/Kg		60	45 - 125	6	30
Endrin aldehyde	ND		13.3	5.94	p	ug/Kg		45	30 - 120	10	30
Endrin ketone	ND		13.3	6.94		ug/Kg		52	40 - 120	10	30
gamma-BHC (Lindane)	ND		13.3	7.98		ug/Kg		60	40 - 120	7	30
Heptachlor	ND		13.3	7.89		ug/Kg		59	40 - 115	8	30
Heptachlor epoxide	ND		13.3	8.00		ug/Kg		60	45 - 115	6	30
Methoxychlor	ND		13.3	7.31		ug/Kg		55	40 - 135	24	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	69		35 - 115
DCB Decachlorobiphenyl (Surr)	52		45 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-448722/1-A ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.9	4.9	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Arsenic	ND		3.0	1.5	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Barium	ND		1.5	0.74	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Beryllium	ND		0.49	0.25	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Cadmium	ND		0.49	0.25	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Chromium	ND		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Cobalt	ND		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Copper	ND		2.0	1.1	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Lead	ND		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 17:09	5

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Lab Sample ID: MB 440-448722/1-A ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Nickel	ND		2.0	0.99	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Selenium	ND		3.0	1.7	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Silver	ND		1.5	0.88	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Thallium	ND		9.9	4.9	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Vanadium	ND		0.99	0.49	mg/Kg		12/27/17 08:47	12/27/17 17:09	5
Zinc	ND		4.9	2.5	mg/Kg		12/27/17 08:47	12/27/17 17:09	5

Lab Sample ID: LCS 440-448722/2-A ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	49.8	47.1		mg/Kg		95	80 - 120
Arsenic	49.8	46.0		mg/Kg		92	80 - 120
Barium	49.8	46.5		mg/Kg		93	80 - 120
Beryllium	49.8	46.1		mg/Kg		93	80 - 120
Cadmium	49.8	46.5		mg/Kg		93	80 - 120
Chromium	49.8	47.6		mg/Kg		96	80 - 120
Cobalt	49.8	47.4		mg/Kg		95	80 - 120
Copper	49.8	47.5		mg/Kg		96	80 - 120
Lead	49.8	47.4		mg/Kg		95	80 - 120
Molybdenum	49.8	47.3		mg/Kg		95	80 - 120
Nickel	49.8	47.4		mg/Kg		95	80 - 120
Selenium	49.8	42.8		mg/Kg		86	80 - 120
Silver	24.9	23.4		mg/Kg		94	80 - 120
Thallium	49.8	46.8		mg/Kg		94	80 - 120
Vanadium	49.8	47.1		mg/Kg		95	80 - 120
Zinc	49.8	46.2		mg/Kg		93	80 - 120

Lab Sample ID: 440-198997-K-24-C MS ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		49.3	39.4		mg/Kg		80	75 - 125
Arsenic	ND		49.3	46.4		mg/Kg		94	75 - 125
Barium	29		49.3	79.1		mg/Kg		102	75 - 125
Beryllium	ND		49.3	46.4		mg/Kg		94	75 - 125
Cadmium	ND		49.3	45.8		mg/Kg		93	75 - 125
Chromium	3.9		49.3	50.8		mg/Kg		95	75 - 125
Cobalt	1.7		49.3	47.7		mg/Kg		93	75 - 125
Copper	4.0		49.3	51.9		mg/Kg		97	75 - 125
Lead	1.2	J	49.3	47.3		mg/Kg		94	75 - 125
Molybdenum	ND		49.3	46.7		mg/Kg		95	75 - 125
Nickel	2.1		49.3	47.6		mg/Kg		92	75 - 125
Selenium	ND		49.3	43.3		mg/Kg		88	75 - 125
Silver	ND		24.6	23.2		mg/Kg		94	75 - 125
Thallium	ND		49.3	47.0		mg/Kg		95	75 - 125

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

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

Lab Sample ID: 440-198997-K-24-C MS ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	13		49.3	61.7		mg/Kg		99	75 - 125
Zinc	15		49.3	58.0		mg/Kg		87	75 - 125

Lab Sample ID: 440-198997-K-24-D MSD ^5

Matrix: Solid

Analysis Batch: 448893

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 448722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	ND		49.5	40.4		mg/Kg		82	75 - 125	2	20
Arsenic	ND		49.5	48.0		mg/Kg		97	75 - 125	3	20
Barium	29		49.5	84.8		mg/Kg		113	75 - 125	7	20
Beryllium	ND		49.5	47.2		mg/Kg		95	75 - 125	2	20
Cadmium	ND		49.5	46.1		mg/Kg		93	75 - 125	1	20
Chromium	3.9		49.5	51.5		mg/Kg		96	75 - 125	1	20
Cobalt	1.7		49.5	48.3		mg/Kg		94	75 - 125	1	20
Copper	4.0		49.5	52.6		mg/Kg		98	75 - 125	1	20
Lead	1.2 J		49.5	48.2		mg/Kg		95	75 - 125	2	20
Molybdenum	ND		49.5	47.2		mg/Kg		95	75 - 125	1	20
Nickel	2.1		49.5	48.3		mg/Kg		93	75 - 125	1	20
Selenium	ND		49.5	44.2		mg/Kg		89	75 - 125	2	20
Silver	ND		24.8	23.4		mg/Kg		95	75 - 125	1	20
Thallium	ND		49.5	47.3		mg/Kg		95	75 - 125	1	20
Vanadium	13		49.5	61.6		mg/Kg		99	75 - 125	0	20
Zinc	15		49.5	60.2		mg/Kg		91	75 - 125	4	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-448579/1-A

Matrix: Solid

Analysis Batch: 449054

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448579

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.012	mg/Kg		12/26/17 11:57	12/27/17 20:57	1

Lab Sample ID: LCS 440-448579/2-A

Matrix: Solid

Analysis Batch: 449054

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.800	0.831		mg/Kg		104	80 - 120

Lab Sample ID: 440-199019-A-1-E MS

Matrix: Solid

Analysis Batch: 449054

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 448579

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.036		0.800	0.792		mg/Kg		95	70 - 130

TestAmerica Irvine

QC Sample Results

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 440-199019-A-1-F MSD
Matrix: Solid
Analysis Batch: 449054

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 448579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.036		0.784	0.766		mg/Kg	—	93	70 - 130	3	20

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

GC/MS VOA

Analysis Batch: 448948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	8260B	449019
MB 440-448948/3	Method Blank	Total/NA	Solid	8260B	
LCS 440-448948/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 440-448948/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 449019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	5035	

GC VOA

Analysis Batch: 448956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	8015B	
MB 440-448956/5	Method Blank	Total/NA	Solid	8015B	
LCS 440-448956/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-448956/4	Lab Control Sample Dup	Total/NA	Solid	8015B	
440-199084-A-1 MS	Matrix Spike	Total/NA	Solid	8015B	
440-199084-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 448460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	3546	
MB 440-448460/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-448460/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199041-1 MS	Drum Composite	Total/NA	Solid	3546	
440-199041-1 MSD	Drum Composite	Total/NA	Solid	3546	

Analysis Batch: 448504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	8015B	448460
MB 440-448460/1-A	Method Blank	Total/NA	Solid	8015B	448460
LCS 440-448460/2-A	Lab Control Sample	Total/NA	Solid	8015B	448460
440-199041-1 MS	Drum Composite	Total/NA	Solid	8015B	448460
440-199041-1 MSD	Drum Composite	Total/NA	Solid	8015B	448460

Prep Batch: 449003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	3546	
MB 440-449003/1-A	Method Blank	Total/NA	Solid	3546	
LCS 440-449003/2-A	Lab Control Sample	Total/NA	Solid	3546	
440-199041-1 MS	Drum Composite	Total/NA	Solid	3546	
440-199041-1 MSD	Drum Composite	Total/NA	Solid	3546	

Analysis Batch: 449006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	8081A	449003
MB 440-449003/1-A	Method Blank	Total/NA	Solid	8081A	449003

TestAmerica Irvine

QC Association Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

GC Semi VOA (Continued)

Analysis Batch: 449006 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-449003/2-A	Lab Control Sample	Total/NA	Solid	8081A	449003
440-199041-1 MS	Drum Composite	Total/NA	Solid	8081A	449003
440-199041-1 MSD	Drum Composite	Total/NA	Solid	8081A	449003

Metals

Prep Batch: 448579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	7471A	
MB 440-448579/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 440-448579/2-A	Lab Control Sample	Total/NA	Solid	7471A	
440-199019-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	
440-199019-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Prep Batch: 448722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	3050B	
MB 440-448722/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-448722/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-198997-K-24-C MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-198997-K-24-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 448893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	6010B	448722
MB 440-448722/1-A ^5	Method Blank	Total/NA	Solid	6010B	448722
LCS 440-448722/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	448722
440-198997-K-24-C MS ^5	Matrix Spike	Total/NA	Solid	6010B	448722
440-198997-K-24-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	448722

Analysis Batch: 449054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-199041-1	Drum Composite	Total/NA	Solid	7471A	448579
MB 440-448579/1-A	Method Blank	Total/NA	Solid	7471A	448579
LCS 440-448579/2-A	Lab Control Sample	Total/NA	Solid	7471A	448579
440-199019-A-1-E MS	Matrix Spike	Total/NA	Solid	7471A	448579
440-199019-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	448579

Definitions/Glossary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
F2	MS/MSD RPD exceeds control limits

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
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Parsons Corporation
Project/Site: LAUSD Reseda H.S., CA

TestAmerica Job ID: 440-199041-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-18
Arizona	State Program	9	AZ0671	10-14-18
California	LA Cty Sanitation Districts	9	10256	06-30-18
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 17-003R	01-23-18 *
Hawaii	State Program	9	N/A	01-29-18 *
Kansas	NELAP	7	E-10420	07-31-18
Nevada	State Program	9	CA015312018-1	07-31-18
New Mexico	State Program	6	N/A	01-29-18 *
Northern Mariana Islands	State Program	9	MP0002	01-29-17 *
Oregon	NELAP	10	4028	01-29-18 *
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine

Login Sample Receipt Checklist

Client: Parsons Corporation

Job Number: 440-199041-1

Login Number: 199041

List Source: TestAmerica Irvine

List Number: 1

Creator: Soderblom, Tim

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
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 containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX E

**JONES ENVIRONMENTAL
LABORATORY RESULTS**

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 1/3/2018
JEL Ref. No.: F-0093
Client Ref. No.: 450810-02000

Attn: Justin King

Date Sampled: 1/3/2018
Date Received: 1/3/2018
Date Analyzed: 1/3/2018
Physical State: Soil Gas

Project Name: Reseda High School REA
Project Address: 18230 Kittridge Street
Reseda, CA

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-pentane, n-hexane, or n-heptane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval:



Steve Jones, Ph.D.
Laboratory Manager



714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Attn: Justin King

Project: Reseda High School REA
Project Address: 18230 Kittridge Street
Reseda, CA

Report date: 1/3/2018
Jones Ref. No.: F-0093
Client Ref. No.: 450810-02000

Date Sampled: 1/3/2018
Date Received: 1/3/2018
Date Analyzed: 1/3/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV1- 5'	AOC4-SV1- 15'	AOC4-SV2- 5'	AOC4-SV2- 5' REP	AOC4-SV2- 15'	<u>Practical Quantitation Limit</u>	<u>Units</u>
<u>Jones ID:</u>	F-0093-01	F-0093-02	F-0093-03	F-0093-04	F-0093-05		
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:

AOC4-SV1- AOC4-SV1- AOC4-SV2- AOC4-SV2- AOC4-SV2-
5' 15' 5' 5' REP 15'

Jones ID:

F-0093-01 F-0093-02 F-0093-03 F-0093-04 F-0093-05

Practical
Quantitation
Limit

Units

Analytes:

cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethene	0.259	0.322	0.186	0.197	0.173	0.008	µg/L
Toluene	0.015	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	ND	ND	ND	0.008	µg/L
o-Xylene	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L

TIC:

n-Pentane	ND	ND	ND	ND	ND	0.400	µg/L
n-Hexane	ND	ND	ND	ND	ND	0.400	µg/L
n-Heptane	ND	ND	ND	ND	ND	0.400	µg/L

Dilution Factor

1 1 1 1 1

Surrogate Recoveries:

QC Limits

Dibromofluoromethane	94%	96%	96%	94%	95%	60 - 140
Toluene-d	99%	99%	99%	100%	101%	60 - 140
4-Bromofluorobenzene	100%	99%	99%	100%	101%	60 - 140

F1-010318- F1-010318- F1-010318- F1-010318- F1-010318-
F-0093 F-0093 F-0093 F-0093 F-0093

ND= Not Detected



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562-646-1611
805-399-0060

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Attn: Justin King

Project: Reseda High School REA
Project Address: 18230 Kittridge Street
Reseda, CA

Report date: 1/3/2018
Jones Ref. No.: F-0093
Client Ref. No.: 450810-02000

Date Sampled: 1/3/2018
Date Received: 1/3/2018
Date Analyzed: 1/3/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC5-SV1- 5'	AOC5-SV1- 15'	AOC5-SV2- 5'	AOC5-SV2- 15'	<u>Practical Quantitation Limit</u>	<u>Units</u>
<u>Jones ID:</u>	F-0093-06	F-0093-07	F-0093-08	F-0093-09		
Analytes:						
Benzene	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC5-SV1- 5'	AOC5-SV1- 15'	AOC5-SV2- 5'	AOC5-SV2- 15'		
<u>Jones ID:</u>	F-0093-06	F-0093-07	F-0093-08	F-0093-09	<u>Practical Quantitation</u>	<u>Units</u>
Analytes:					<u>Limit</u>	
cis-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethene	ND	ND	ND	ND	0.008	µg/L
Toluene	ND	0.015	0.009	0.011	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	0.008	µg/L
Trichloroethene	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	ND	ND	0.008	µg/L
o-Xylene	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	0.400	µg/L
TIC:						
n-Pentane	ND	ND	ND	ND	0.400	µg/L
n-Hexane	ND	ND	ND	ND	0.400	µg/L
n-Heptane	ND	ND	ND	ND	0.400	µg/L
<u>Dilution Factor</u>	1	1	1	1		
<u>Surrogate Recoveries:</u>					<u>QC Limits</u>	
Dibromofluoromethane	94%	94%	94%	94%	60 - 140	
Toluene-d	100%	99%	101%	100%	60 - 140	
4-Bromofluorobenzene	101%	99%	100%	101%	60 - 140	

F1-010318- F1-010318- F1-010318- F1-010318-
F-0093 F-0093 F-0093 F-0093

ND= Not Detected



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Parsons	Report date:	1/3/2018
Client Address:	100 West Walnut Street Pasadena, CA 91124	Jones Ref. No.:	F-0093
		Client Ref. No.:	450810-02000
Attn:	Justin King	Date Sampled:	1/3/2018
		Date Received:	1/3/2018
Project:	Reseda High School REA	Date Analyzed:	1/3/2018
Project Address:	18230 Kittridge Street Reseda, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK	<u>Practical Quantitation</u>	<u>Units</u>
<u>Jones ID:</u>	010318- F1MB1	010318- F1SB1	<u>Limit</u>	
Analytes:				
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	010318- F1MB1	010318- F1SB1	<u>Practical Quantitation Limit</u>	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.040	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	0.008	µg/L
o-Xylene	ND	ND	0.008	µg/L
MTBE	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	0.400	µg/L
TIC:				
n-Pentane	ND	ND	0.400	µg/L
n-Hexane	ND	ND	0.400	µg/L
n-Heptane	ND	ND	0.400	µg/L
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	97%	95%	60 - 140	
Toluene-d	100%	99%	60 - 140	
4-Bromofluorobenzene	98%	98%	60 - 140	
	F1-010318- F-0093	F1-010318- F-0093		

ND= Not Detected



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Parsons	Report date:	1/3/2018
Client Address:	100 West Walnut Street Pasadena, CA 91124	Jones Ref. No.:	F-0093
		Client Ref. No.:	450810-02000
Attn:	Justin King	Date Sampled:	1/3/2018
		Date Received:	1/3/2018
Project:	Reseda High School REA	Date Analyzed:	1/3/2018
Project Address:	18230 Kittridge Street Reseda, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: F1-010318-F-0093

Jones ID: **010318-F1LCS1** **010318-F1LCSD1** **010318-F1CCV1**

<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	34%	34%	1.1%	70 - 130	69%	80 - 120
1,1-Dichloroethene	86%	85%	1.4%	70 - 130	111%	80 - 120
Cis-1,2-Dichloroethene	101%	101%	0.1%	70 - 130	106%	80 - 120
1,1,1-Trichloroethane	89%	89%	0.7%	70 - 130	95%	80 - 120
Benzene	105%	105%	0.1%	70 - 130	109%	80 - 120
Trichloroethene	114%	113%	1.5%	70 - 130	118%	80 - 120
Toluene	112%	111%	0.8%	70 - 130	111%	80 - 120
Tetrachloroethene	109%	109%	0.1%	70 - 130	113%	80 - 120
Chlorobenzene	113%	113%	0.5%	70 - 130	112%	80 - 120
Ethylbenzene	110%	111%	0.7%	70 - 130	112%	80 - 120
1,2,4 Trimethylbenzene	111%	111%	0.3%	70 - 130	113%	80 - 120
<u>Surrogate Recovery:</u>						
Dibromofluoromethane	97%	99%		60 - 140	97%	60 - 140
Toluene-d	99%	101%		60 - 140	99%	60 - 140
4-Bromofluorobenzene	100%	99%		60 - 140	99%	60 - 140

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample Duplicate

CCV = Continuing Calibration Verification

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%



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Soil-Gas Chain-of-Custody Record

LAB USE ONLY

Jones Project #

F-0093

Page

1 of **1**

Sample Container:

GASTIGHT GLASS SYRINGE

If different than above, see Notes.

Client PARSONS						Date 1/3/2018				Purge Number: <input type="checkbox"/> 1P <input type="checkbox"/> 3P <input type="checkbox"/> 7P <input type="checkbox"/> 10P				Report Options EDD _____ EDF* - 10% Surcharge _____																															
Project Name RESEDA HIGH SCHOOL PEA						Client Project # 450810-02000				Shut-In Test: Y / N				*Global ID _____																															
Project Address 18230 KITTRIDGE STREET						Turn Around Requested <input type="checkbox"/> Immediate Attention <input type="checkbox"/> Rush 24 Hours <input type="checkbox"/> Rush 48 Hours <input type="checkbox"/> Rush 72 Hours <input type="checkbox"/> Normal <input type="checkbox"/> Mobile Lab Reporting Limits Requested <input type="checkbox"/> Commercial <input type="checkbox"/> Residential				Tracer <input type="checkbox"/> n-pentane <input type="checkbox"/> n-hexane <input type="checkbox"/> n-heptane <input type="checkbox"/> Helium <input type="checkbox"/> 1,1-DFA <input type="checkbox"/> _____				Analysis Requested <table border="1"><tr><td rowspan="4">Sample Matrix: Soil Gas (SG), Air (A), Material (M)</td><td rowspan="4">EPA 8260B (VOCs)</td><td></td><td></td><td></td><td></td><td></td><td></td><td rowspan="4">Magnehelic Vacuum (In/H₂O)</td><td rowspan="4">Number of Containers</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>				Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)							Magnehelic Vacuum (In/H ₂ O)	Number of Containers																		
Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)																					Magnehelic Vacuum (In/H ₂ O)	Number of Containers																						
RESEDA, CA																																													
Email																																													
Phone (310)809-5793																																													
Report To JUSTIN KING						Sampler ANGELA HAAR																																							
Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)					Magnehelic Vacuum (In/H₂O)	Number of Containers	Notes & Special Instructions																											
AOC4-SV1-5'	3	2220	1/3/18	7:26	7:27	F-0093-01	~200	JOSH.1	M100.106	SG	X					<2	2																												
AOC4-SV1-15'	3	1790	1/3/18	7:40	7:42	F-0093-02	~200	STEVE.1	M100.115	SG	X					<2	2																												
AOC4-SV2-5'	3	2810	1/3/18	7:57	8:00	F-0093-03	~200	JOSH.1	M100.106	SG	X					2	2																												
AOC4-SV2-5' REP	3	2810	1/3/18	8:13	8:17	F-0093-04	~200	JOSH.1	M100.106	SG	X					2	2																												
AOC4-SV2-15'	3	2980	1/3/18	8:30	8:35	F-0093-05	~200	STEVE.1	M100.115	SG	X					2	2																												
AOC5-SV1-5'	3	2220	1/3/18	8:43	8:53	F-0093-06	~200	JOSH.1	M100.106	SG	X					<2	2																												
AOC5-SV1-15'	3	1790	1/3/18	9:00	9:11	F-0093-07	~200	STEVE.1	M100.115	SG	X					4	2																												
AOC5-SV2-5'	3	2810	1/3/18	9:22	9:28	F-0093-08	~200	JOSH.1	M100.106	SG	X					2	2																												
AOC5-SV2-15'	3	2980	1/3/18	9:43	9:49	F-0093-09	~200	STEVE.1	M100.115	SG	X					4	2																												
Relinquished By (Signature)						Printed Name						Received By (Signature)						Printed Name ANGELA HAAR																											
Company						Date						Time						Company JONES ENVIRONMENTAL, INC.						Date 1/3/2018						Time															
Relinquished By (Signature)						Printed Name						Received By Laboratory (Signature)						Printed Name						Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.																					
Company						Date						Time						Company												Date						Time									



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 2/27/2018
JEL Ref. No.: F-0115
Client Ref. No.: 450810

Attn: Justin King

Date Sampled: 2/27/2018
Date Received: 2/27/2018

Project Name: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Analyzed: 2/27/2018
Physical State: Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-pentane, n-hexane, or n-heptane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval:

Colby Wakeman
QA/QC Manager



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805-399-0060

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 2/27/2018
Jones Ref. No.: F-0115
Client Ref. No.: 450810

Attn: Justin King
Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 2/27/2018
Date Received: 2/27/2018
Date Analyzed: 2/27/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV3- 5'	AOC4-SV3- 15'	AOC4-SV1- 5'	AOC4-SV1- 5' REP	AOC4-SV1- 15'	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Jones ID:	F-0115-01	F-0115-02	F-0115-03	F-0115-04	F-0115-05		
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV3- 5'	AOC4-SV3- 15'	AOC4-SV1- 5'	AOC4-SV1- 5' REP	AOC4-SV1- 15'		
<u>Jones ID:</u>	F-0115-01	F-0115-02	F-0115-03	F-0115-04	F-0115-05	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethene	0.322	0.448	0.226	0.195	0.257	0.008	µg/L
Toluene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.016	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.016	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	0.008	ND	ND	ND	ND	0.008	µg/L
o-Xylene	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	0.400	µg/L
n-Hexane	ND	ND	ND	ND	ND	0.400	µg/L
n-Heptane	ND	ND	ND	ND	ND	0.400	µg/L
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						<u>QC Limits</u>	
Dibromofluoromethane	103%	105%	105%	105%	106%	60 - 140	
Toluene-d ₈	101%	100%	101%	102%	99%	60 - 140	
4-Bromofluorobenzene	96%	97%	97%	98%	96%	60 - 140	

F1-022718- F1-022718- F1-022718- F1-022718- F1-022718-
F-0115 F-0115 F-0115 F-0115 F-0115

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 2/27/2018
Jones Ref. No.: F-0115
Client Ref. No.: 450810

Attn: Justin King
Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 2/27/2018
Date Received: 2/27/2018
Date Analyzed: 2/27/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV2- 5'	AOC4-SV2- 15'	AOC4-SV4- 5'	AOC4-SV4- 15'	AOC4-SV5- 5'		
<u>Jones ID:</u>	F-0115-06	F-0115-07	F-0115-08	F-0115-09	F-0115-10	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV2- 5'	AOC4-SV2- 15'	AOC4-SV4- 5'	AOC4-SV4- 15'	AOC4-SV5- 5'		
<u>Jones ID:</u>	F-0115-06	F-0115-07	F-0115-08	F-0115-09	F-0115-10	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethene	0.149	0.125	0.118	0.179	ND	0.008	µg/L
Toluene	ND	ND	ND	0.009	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.016	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.016	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	ND	ND	ND	0.008	µg/L
o-Xylene	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.400	µg/L
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	0.400	µg/L
n-Hexane	ND	ND	ND	ND	ND	0.400	µg/L
n-Heptane	ND	ND	ND	ND	ND	0.400	µg/L
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						<u>QC Limits</u>	
Dibromofluoromethane	105%	105%	104%	104%	104%	60 - 140	
Toluene-d ₈	100%	100%	101%	100%	101%	60 - 140	
4-Bromofluorobenzene	96%	99%	97%	96%	97%	60 - 140	

F1-022718- F1-022718- F1-022718- F1-022718- F1-022718-
F-0115 F-0115 F-0115 F-0115 F-0115

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 2/27/2018
Jones Ref. No.: F-0115
Client Ref. No.: 450810

Attn: Justin King
Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 2/27/2018
Date Received: 2/27/2018
Date Analyzed: 2/27/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID: AOC4-SV5-
15'

Jones ID: F-0115-11

Analytes:

		<u>Practical</u> <u>Quantitation</u> <u>Limit (MDL)</u>	<u>Units</u>
Benzene	ND	0.008	µg/L
Bromobenzene	ND	0.008	µg/L
Bromodichloromethane	ND	0.008	µg/L
Bromoform	ND	0.008	µg/L
n-Butylbenzene	ND	0.008	µg/L
sec-Butylbenzene	ND	0.008	µg/L
tert-Butylbenzene	ND	0.008	µg/L
Carbon tetrachloride	ND	0.008	µg/L
Chlorobenzene	ND	0.008	µg/L
Chloroform	ND	0.008	µg/L
2-Chlorotoluene	ND	0.008	µg/L
4-Chlorotoluene	ND	0.008	µg/L
Dibromochloromethane	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	0.008	µg/L
Dibromomethane	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	0.008	µg/L
Dichlorodifluoromethane	ND	0.008	µg/L
1,1-Dichloroethane	ND	0.008	µg/L
1,2-Dichloroethane	ND	0.008	µg/L
1,1-Dichloroethene	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	0.008	µg/L
1,2-Dichloropropane	ND	0.008	µg/L
1,3-Dichloropropane	ND	0.008	µg/L
2,2-Dichloropropane	ND	0.008	µg/L
1,1-Dichloropropene	ND	0.008	µg/L

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV5-15'		
<u>Jones ID:</u>	F-0115-11	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:			
cis-1,3-Dichloropropene	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	0.008	µg/L
Ethylbenzene	ND	0.008	µg/L
Freon 113	ND	0.040	µg/L
Hexachlorobutadiene	ND	0.008	µg/L
Isopropylbenzene	ND	0.008	µg/L
4-Isopropyltoluene	ND	0.008	µg/L
Methylene chloride	ND	0.008	µg/L
Naphthalene	ND	0.040	µg/L
n-Propylbenzene	ND	0.008	µg/L
Styrene	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	0.008	µg/L
Tetrachloroethene	0.011	0.008	µg/L
Toluene	0.040	0.008	µg/L
1,2,3-Trichlorobenzene	ND	0.016	µg/L
1,2,4-Trichlorobenzene	ND	0.016	µg/L
1,1,1-Trichloroethane	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	0.008	µg/L
Trichloroethene	ND	0.008	µg/L
Trichlorofluoromethane	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	0.008	µg/L
Vinyl chloride	ND	0.008	µg/L
m,p-Xylene	ND	0.008	µg/L
o-Xylene	ND	0.008	µg/L
MTBE	ND	0.040	µg/L
Ethyl-tert-butylether	ND	0.040	µg/L
Di-isopropylether	ND	0.040	µg/L
tert-amylmethylether	ND	0.040	µg/L
tert-Butylalcohol	ND	0.400	µg/L
Tracer:			
n-Pentane	ND	0.400	µg/L
n-Hexane	ND	0.400	µg/L
n-Heptane	ND	0.400	µg/L
<u>Dilution Factor</u>	1		
<u>Surrogate Recoveries:</u>		<u>QC Limits</u>	
Dibromofluoromethane	105%	60 - 140	
Toluene-d ₈	101%	60 - 140	
4-Bromofluorobenzene	98%	60 - 140	

F1-022718-
F-0115

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 2/27/2018
Jones Ref. No.: F-0115
Client Ref. No.: 450810

Attn: Justin King

Date Sampled: 2/27/2018

Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Received: 2/27/2018

Date Analyzed: 2/27/2018

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK	<u>Practical</u> <u>Quantitation</u> <u>Limit (MDL)</u>	<u>Units</u>
<u>Jones ID:</u>	022818- F1MB1	022818- F1SB1		
Analytes:				
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	022818- F1MB1	022818- F1SB1	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.040	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.040	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.016	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.016	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
m,p-Xylene	ND	ND	0.008	µg/L
o-Xylene	ND	ND	0.008	µg/L
MTBE	ND	ND	0.040	µg/L
Ethyl-tert-butylether	ND	ND	0.040	µg/L
Di-isopropylether	ND	ND	0.040	µg/L
tert-amylmethylether	ND	ND	0.040	µg/L
tert-Butylalcohol	ND	ND	0.400	µg/L
Tracer:				
n-Pentane	ND	ND	0.400	µg/L
n-Hexane	ND	ND	0.400	µg/L
n-Heptane	ND	ND	0.400	µg/L
<u>Dilution Factor</u>	1	1		
Surrogate Recoveries:			QC Limits	
Dibromofluoromethane	104%	104%	60 - 140	
Toluene-d ₈	102%	102%	60 - 140	
4-Bromofluorobenzene	95%	96%	60 - 140	

F1-022718- F1-022718-
F-0115 F-0115

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Parsons	Report date:	2/27/2018
Client Address:	100 West Walnut Street Pasadena, CA 91124	Jones Ref. No.:	F-0115
		Client Ref. No.:	450810
Attn:	Justin King	Date Sampled:	2/27/2018
		Date Received:	2/27/2018
Project:	Reseda High School PEA	Date Analyzed:	2/27/2018
Project Address:	18230 Kittridge Street Reseda, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: F1-022718-F-0115

Jones ID: **022718-F1LCS1** **022718-F1LCSD1** **022718-F1CCV1**

<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	216%	230%	6.3%	60 - 140	181%	80 - 120
1,1-Dichloroethene	121%	133%	9.2%	60 - 140	121%	80 - 120
Cis-1,2-Dichloroethene	138%	150%	8.1%	70 - 130	131%	80 - 120
1,1,1-Trichloroethane	114%	125%	9.4%	70 - 130	106%	80 - 120
Benzene	128%	140%	9.1%	70 - 130	119%	80 - 120
Trichloroethene	128%	138%	7.9%	70 - 130	118%	80 - 120
Toluene	135%	144%	6.5%	70 - 130	124%	80 - 120
Tetrachloroethene	102%	108%	5.6%	70 - 130	95%	80 - 120
Chlorobenzene	130%	138%	6.1%	70 - 130	119%	80 - 120
Ethylbenzene	137%	145%	5.3%	70 - 130	125%	80 - 120
1,2,4 Trimethylbenzene	129%	133%	3.0%	70 - 130	122%	80 - 120

Surrogate Recovery:

Dibromofluoromethane	101%	104%	60 - 140	99%	60 - 140
Toluene-d ₈	103%	101%	60 - 140	103%	60 - 140
4-Bromofluorobenzene	104%	103%	60 - 140	101%	60 - 140

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample Duplicate

CCV = Continuing Calibration Verification

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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Soil-Gas Chain-of-Custody Record

Client Parsons						Date 2/27/2018		Purge Number: <input type="checkbox"/> 1P <input checked="" type="checkbox"/> 3P <input type="checkbox"/> 7P <input type="checkbox"/> 10P				Report Options EDD _____ EDF* - 10% Surcharge _____				LAB USE ONLY Jones Project # F-0115 Page 1 of 2 Sample Container: GAS TIGHT GLASS SYRINGE <small>If different than above, see Notes.</small>																			
Project Name Reseda High School PEA						Client Project # 450810		Shut-In Test: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N				*Global ID _____																							
Project Address 18230 Kittridge Street						Turn Around Requested <input type="checkbox"/> Immediate Attention <input type="checkbox"/> Rush 24 Hours <input type="checkbox"/> Rush 48 Hours <input type="checkbox"/> Rush 72 Hours <input type="checkbox"/> Normal <input type="checkbox"/> Mobile Lab		Tracer <input checked="" type="checkbox"/> n-pentane <input checked="" type="checkbox"/> n-hexane <input checked="" type="checkbox"/> n-heptane <input type="checkbox"/> Helium <input type="checkbox"/> 1,1-DFA <input type="checkbox"/> _____		Analysis Requested <table border="1"><tr><td rowspan="2">Sample Matrix: Soil Gas (SG), Air (A), Material (M)</td><td rowspan="2">EPA 8260B</td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2">Magnehelic Vacuum (In/H₂O)</td><td rowspan="2">Number of Containers</td></tr><tr></tr></table>				Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B							Magnehelic Vacuum (In/H ₂ O)	Number of Containers												
Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B																							Magnehelic Vacuum (In/H ₂ O)	Number of Containers										
Reseda, CA						Reporting Limits Requested <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential		Units uL/L																											
Email																																			
Phone						Report To Peter Shair		Sampler Annalise O'Toole																											
Sample ID														Purge Number		Purge Volume (mL)		Date		Sample Collection Time		Sample Analysis Time		Laboratory Sample ID		Purge Rate (mL/min)		Pump Used		Magnehelic		Notes & Special Instructions			
AOC4-SV3-5'						3		1630		2/27/18		14:15		14:17		F-0115-01		~200		ANNALISE.1		M100.111		SG X		<2 2									
AOC4-SV3-15'						3		1790		2/27/18		14:28		14:32		F-0115-02		~200		ANNALISE.2		M100.106		SG X		8 2									
AOC4-SV1-5'						3		1630		2/27/18		14:45		14:49		F-0115-03		~200		ANNALISE.1		M100.111		SG X		<2 2									
AOC4-SV1-5' REP						3		1630		2/27/18		15:02		15:07		F-0115-04		~200		ANNALISE.1		M100.111		SG X		<2 2									
AOC4-SV1-15'						3		1790		2/27/18		15:17		15:25		F-0115-05		~200		ANNALISE.2		M100.106		SG X		10 2									
AOC4-SV2-5'						3		1630		2/27/18		15:40		15:42		F-0115-06		~200		ANNALISE.1		M100.111		SG X		4 2									
AOC4-SV2-15'						3		1790		2/27/18		15:55		16:01		F-0115-07		~200		ANNALISE.2		M100.106		SG X		6 2									
AOC4-SV4-5'						3		1630		2/27/18		16:13		16:18		F-0115-08		~200		ANNALISE.1		M100.111		SG X		<2 2									
AOC4-SV4-15'						3		1790		2/27/18		16:30		16:35		F-0115-09		~200		ANNALISE.2		M100.106		SG X		10 2									
AOC4-SV5-5'						3		1630		2/27/18		16:48		16:52		F-0115-10		~200		ANNALISE.1		M100.111		SG X		<2 2									
Relinquished By (Signature) Peter Shair						Printed Name Peter Shair						Received By (Signature) Annalise O'Toole						Printed Name Annalise O'Toole						20 Total Number of Containers											
Company Parsons						Date 2-27-18						Time 1726						Company Jones Environmental						Date 2-27-18						Time 1726					
Relinquished By (Signature)						Printed Name						Received By Laboratory (Signature)						Printed Name						Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.											
Company						Date						Time						Company																	



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 4/21/2018
JEL Ref. No.: F-0124
Client Ref.No: 450810

Attn: Justin King
Project Name: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 4/21/2018
Date Received: 4/21/2018
Date Analyzed: 4/21/2018
Physical State: Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-pentane, n-hexane, or n-heptane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval:

Angela Haar, Ph. D.
Mobile Lab Manager



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Attn: Justin King

Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Report date: 4/21/2018
Jones Ref. No.: F-0124
Client Ref. No.: 450810

Date Sampled: 4/21/2018
Date Received: 4/21/2018
Date Analyzed: 4/21/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV1- 5.0	AOC4-SV1- 15.0	AOC4-SV3- 5.0	AOC4-SV3- 5.0 REP	AOC4-SV3- 15.0		
<u>Jones ID:</u>	F-0124-01	F-0124-02	F-0124-03	F-0124-04	F-0124-05	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	12	ND	ND	ND	8	µg/m3
sec-Butylbenzene	ND	14	ND	ND	ND	8	µg/m3
tert-Butylbenzene	9	12	ND	ND	ND	8	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	16	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	16	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	8	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates							
<u>Sample ID:</u>	AOC4-SV1- 5.0	AOC4-SV1- 15.0	AOC4-SV3- 5.0	AOC4-SV3- 5.0 REP	AOC4-SV3- 15.0		
<u>Jones ID:</u>	F-0124-01	F-0124-02	F-0124-03	F-0124-04	F-0124-05	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	40	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	µg/m3
Isopropylbenzene	ND	11	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	10	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	252	294	416	455	489	8	µg/m3
Toluene	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	10	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	10	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	14	16	ND	ND	ND	12	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	400	µg/m3
n-Hexane	ND	ND	ND	ND	ND	400	µg/m3
n-Heptane	ND	ND	ND	ND	ND	400	µg/m3
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	93%	95%	96%	93%	93%	60 - 140	
Toluene-d ₈	101%	101%	102%	101%	102%	60 - 140	
4-Bromofluorobenzene	103%	102%	103%	100%	102%	60 - 140	

F1-042118- F1-042118- F1-042118- F1-042118- F1-042118-
F-0124 F-0124 F-0124 F-0124 F-0124

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 4/21/2018
Jones Ref. No.: F-0124
Client Ref. No.: 450810

Attn: Justin King
Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 4/21/2018
Date Received: 4/21/2018
Date Analyzed: 4/21/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV8- 5.0	AOC4-SV8- 15.0	AOC4-SV6- 5.0	AOC4-SV6- 15.0	AOC4-SV9- 5.0		
<u>Jones ID:</u>	F-0124-06	F-0124-07	F-0124-08	F-0124-09	F-0124-10	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	16	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	16	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates							
<u>Sample ID:</u>	AOC4-SV8- 5.0	AOC4-SV8- 15.0	AOC4-SV6- 5.0	AOC4-SV6- 15.0	AOC4-SV9- 5.0		
<u>Jones ID:</u>	F-0124-06	F-0124-07	F-0124-08	F-0124-09	F-0124-10	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	40	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	20	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	265	387	93	147	144	8	µg/m3
Toluene	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	ND	ND	ND	12	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	400	µg/m3
n-Hexane	ND	ND	ND	ND	ND	400	µg/m3
n-Heptane	ND	ND	ND	ND	ND	400	µg/m3
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	93%	94%	94%	94%	94%	60 - 140	
Toluene-d ₈	100%	101%	101%	101%	102%	60 - 140	
4-Bromofluorobenzene	101%	101%	101%	101%	102%	60 - 140	

F1-042118- F1-042118- F1-042118- F1-042118- F1-042118-
F-0124 F-0124 F-0124 F-0124 F-0124

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 4/21/2018
Jones Ref. No.: F-0124
Client Ref. No.: 450810

Attn: Justin King
Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 4/21/2018
Date Received: 4/21/2018
Date Analyzed: 4/21/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV9- 15.0	AOC4-SV9- 15.0 REP	AOC4-SV10- 5.0	AOC4-SV10- 15.0		
<u>Jones ID:</u>	F-0124-11	F-0124-12	F-0124-13	F-0124-14	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:						
Benzene	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	8	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	8	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	8	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	16	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	16	µg/m3
Dibromochloromethane	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	8	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV9- 15.0	AOC4-SV9-- 15.0 REP	AOC4-SV10- 5.0	AOC4-SV10- 15.0		
<u>Jones ID:</u>	F-0124-11	F-0124-12	F-0124-13	F-0124-14	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	40	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	20	µg/m3
Isopropylbenzene	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	146	150	473	465	8	µg/m3
Toluene	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	ND	ND	12	µg/m3
o-Xylene	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	400	µg/m3
Tracer:						
n-Pentane	ND	ND	ND	ND	400	µg/m3
n-Hexane	ND	ND	ND	ND	400	µg/m3
n-Heptane	ND	ND	ND	ND	400	µg/m3
<u>Dilution Factor</u>	1	1	1	1		
Surrogate Recoveries:					QC Limits	
Dibromofluoromethane	93%	95%	95%	94%	60 - 140	
Toluene-d ₈	101%	100%	100%	101%	60 - 140	
4-Bromofluorobenzene	101%	101%	102%	101%	60 - 140	

F1-042118- F1-042118- F1-042118- F1-042118-
F-0124 F-0124 F-0124 F-0124

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Attn: Justin King

Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Report date: 4/21/2018
Jones Ref. No.: F-0124
Client Ref. No.: 450810

Date Sampled: 4/21/2018
Date Received: 4/21/2018
Date Analyzed: 4/21/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK	<u>Practical</u> <u>Quantitation</u> <u>Limit (MDL)</u>	<u>Units</u>
<u>Jones ID:</u>	042118- F1MB1	042118- F1SB1		
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	8	µg/m3
sec-Butylbenzene	ND	ND	8	µg/m3
tert-Butylbenzene	ND	ND	8	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	16	µg/m3
4-Chlorotoluene	ND	ND	16	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	8	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	042118- F1MB1	042118- F1SB1	<u>Practical Quantitation Limit (MDL)</u>	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	40	µg/m3
Hexachlorobutadiene	ND	ND	20	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	8	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	12	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Tracer:				
n-Pentane	ND	ND	400	µg/m3
n-Hexane	ND	ND	400	µg/m3
n-Heptane	ND	ND	400	µg/m3
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	94%	94%	60 - 140	
Toluene-d ₈	100%	100%	60 - 140	
4-Bromofluorobenzene	101%	99%	60 - 140	

F1-042118- F1-042118-
F-0124 F-0124

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Parsons	Report date:	4/21/2018
Client Address:	100 West Walnut Street Pasadena, CA 91124	Jones Ref. No.:	F-0124
		Client Ref. No.:	450810
Attn:	Justin King	Date Sampled:	4/21/2018
		Date Received:	4/21/2018
Project:	Reseda High School PEA	Date Analyzed:	4/21/2018
Project Address:	18230 Kittridge Street Reseda, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: F1-042118-F-0124

Jones ID: **022718-F1LCS1** **022718-F1LCSD1** **022718-F1CCV1**

<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	105%	102%	3.0%	60 - 140	129%	80 - 120
1,1-Dichloroethene	101%	94%	7.2%	60 - 140	111%	80 - 120
Cis-1,2-Dichloroethene	116%	107%	8.2%	70 - 130	115%	80 - 120
1,1,1-Trichloroethane	99%	93%	6.5%	70 - 130	99%	80 - 120
Benzene	116%	108%	6.9%	70 - 130	114%	80 - 120
Trichloroethene	112%	101%	10.3%	70 - 130	108%	80 - 120
Toluene	110%	104%	5.6%	70 - 130	108%	80 - 120
Tetrachloroethene	90%	84%	7.8%	70 - 130	87%	80 - 120
Chlorobenzene	119%	110%	8.1%	70 - 130	119%	80 - 120
Ethylbenzene	117%	106%	9.4%	70 - 130	113%	80 - 120
1,2,4 Trimethylbenzene	111%	105%	5.4%	70 - 130	114%	80 - 120

Surrogate Recovery:

Dibromofluoromethane	95%	92%		60 - 140	92%	60 - 140
Toluene-d ₈	101%	102%		60 - 140	103%	60 - 140
4-Bromofluorobenzene	106%	107%		60 - 140	104%	60 - 140

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample Duplicate

CCV = Continuing Calibration Verification

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 5/22/2018
JEL Ref. No.: F-0134
Client Ref. No.: 450810

Attn: Justin King

Date Sampled: 5/22/2018
Date Received: 5/22/2018

Project Name: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Analyzed: 5/22/2018
Physical State: Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-pentane, n-hexane, or n-heptane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 5/22/2018
Jones Ref. No.: F-0134
Client Ref. No.: 450810

Attn: Justin King
Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 5/22/2018
Date Received: 5/22/2018
Date Analyzed: 5/22/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV11- 5	AOC4-SV11- 15	AOC4-SS1	AOC4-SS2	AOC4-SS3		
<u>Jones ID:</u>	F-0134-01	F-0134-02	F-0134-03	F-0134-04	F-0134-05	<u>Practical Quantitation Limit</u>	<u>Units</u>
Analytes:							
Benzene	28	ND	209	38	80	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	8	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	8	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV11- 5	AOC4-SV11- 15	AOC4-SS1	AOC4-SS2	AOC4-SS3		
<u>Jones ID:</u>	F-0134-01	F-0134-02	F-0134-03	F-0134-04	F-0134-05	<u>Practical Quantitation Limit</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	25	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	40	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	8	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	296	292	144	446	523	8	µg/m3
Toluene	32	ND	198	45	62	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	74	ND	ND	8	µg/m3
o-Xylene	ND	ND	22	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	400	µg/m3
n-Hexane	ND	ND	ND	ND	ND	400	µg/m3
n-Heptane	ND	ND	ND	ND	ND	400	µg/m3
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						OC Limits	
Dibromofluoromethane	97%	101%	94%	100%	98%	60 - 140	
Toluene-d ₈	99%	96%	99%	99%	99%	60 - 140	
4-Bromofluorobenzene	91%	88%	93%	92%	90%	60 - 140	

F1-022718- F1-022718- F1-022718- F1-022718- F1-022718-
F-0115 F-0115 F-0115 F-0115 F-0115

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Report date: 5/22/2018
Jones Ref. No.: F-0134
Client Ref. No.: 450810

Attn: Justin King
Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Date Sampled: 5/22/2018
Date Received: 5/22/2018
Date Analyzed: 5/22/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID: AOC4-SV13- 5 AOC4-SV13- 5 REP 15 AOC4-SV12- 5 AOC4-SV12- 15

Jones ID:	F-0134-06	F-0134-07	F-0134-08	F-0134-09	F-0134-10	Practical Quantitation Limit	Units
Analytes:							
Benzene	16	12	ND	ND	98	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	8	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	8	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	8	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	AOC4-SV13- 5	AOC4-SV13- 5 REP	AOC4-SV13- 15	AOC4-SV12- 5	AOC4-SV12- 15	<u>Practical Quantitation</u>	<u>Units</u>
<u>Jones ID:</u>	F-0134-06	F-0134-07	F-0134-08	F-0134-09	F-0134-10	<u>Limit</u>	
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	40	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	8	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	17	18	35	105	183	8	µg/m3
Toluene	16	14	ND	ND	76	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	ND	ND	ND	8	µg/m3
o-Xylene	ND	ND	ND	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	400	µg/m3
n-Hexane	ND	ND	ND	ND	ND	400	µg/m3
n-Heptane	ND	ND	ND	ND	ND	400	µg/m3
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	99%	101%	102%	102%	97%	60 - 140	
Toluene-d ₈	98%	98%	96%	97%	96%	60 - 140	
4-Bromofluorobenzene	91%	89%	91%	89%	91%	60 - 140	

F1-022718- F1-022718- F1-022718- F1-022718- F1-022718-
F-0115 F-0115 F-0115 F-0115 F-0115

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Parsons
Client Address: 100 West Walnut Street
Pasadena, CA 91124

Attn: Justin King

Project: Reseda High School PEA
Project Address: 18230 Kittridge Street
Reseda, CA

Report date: 5/22/2018
Jones Ref. No.: F-0134
Client Ref. No.: 450810

Date Sampled: 5/22/2018
Date Received: 5/22/2018
Date Analyzed: 5/22/2018
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK	<u>Practical</u> <u>Quantitation</u> <u>Limit</u>	<u>Units</u>
<u>Jones ID:</u>	052218- F1MB1	052218- F1SB1		
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	8	µg/m3
sec-Butylbenzene	ND	ND	8	µg/m3
tert-Butylbenzene	ND	ND	8	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	8	µg/m3
4-Chlorotoluene	ND	ND	8	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	8	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	052218- F1MB1	052218- F1SB1	<u>Practical Quantitation Limit</u>	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	40	µg/m3
Hexachlorobutadiene	ND	ND	8	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	8	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	8	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Tracer:				
n-Pentane	ND	ND	400	µg/m3
n-Hexane	ND	ND	400	µg/m3
n-Heptane	ND	ND	400	µg/m3
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	101%	100%	60 - 140	
Toluene-d ₈	96%	99%	60 - 140	
4-Bromofluorobenzene	85%	89%	60 - 140	

F1-022718- F1-022718-
F-0115 F-0115

ND= Not Detected

J Flag = Value less than PQL but greater than MDL



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Parsons	Report date:	5/22/2018
Client Address:	100 West Walnut Street Pasadena, CA 91124	Jones Ref. No.:	F-0134
		Client Ref. No.:	450810
Attn:	Justin King	Date Sampled:	5/22/2018
		Date Received:	5/22/2018
Project:	Reseda High School PEA	Date Analyzed:	5/22/2018
Project Address:	18230 Kittridge Street Reseda, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: F1-022718-F-0115

Jones ID: **022718-F1LCS1** **022718-F1LCSD1** **022718-F1CCV1**

<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	91%	91%	0.5%	60 - 140	97%	80 - 120
1,1-Dichloroethene	102%	105%	2.5%	60 - 140	97%	80 - 120
Cis-1,2-Dichloroethene	119%	123%	3.1%	70 - 130	102%	80 - 120
1,1,1-Trichloroethane	99%	103%	3.5%	70 - 130	83%	80 - 120
Benzene	125%	127%	1.9%	70 - 130	104%	80 - 120
Trichloroethene	121%	124%	1.7%	70 - 130	107%	80 - 120
Toluene	125%	124%	0.9%	70 - 130	81%	80 - 120
Tetrachloroethene	103%	101%	1.4%	70 - 130	87%	80 - 120
Chlorobenzene	125%	124%	0.5%	70 - 130	105%	80 - 120
Ethylbenzene	120%	118%	1.1%	70 - 130	102%	80 - 120
1,2,4 Trimethylbenzene	116%	120%	3.7%	70 - 130	103%	80 - 120

Surrogate Recovery:

Dibromofluoromethane	92%	94%		60 - 140	89%	60 - 140
Toluene-d ₈	101%	98%		60 - 140	104%	60 - 140
4-Bromofluorobenzene	104%	105%		60 - 140	103%	60 - 140

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample Duplicate

CCV = Continuing Calibration Verification

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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Soil-Gas Chain-of-Custody Record

Client PARSONS						Date 5/22/2018						Purge Number: <input type="checkbox"/> 1P <input checked="" type="checkbox"/> 3P <input type="checkbox"/> 7P <input type="checkbox"/> 10P						Report Options EDD _____ EDF* - 10% Surcharge _____ *Global ID _____						LAB USE ONLY Jones Project # F-0134																																																																																									
Project Name RESEDA HIGH SCHOOL PEA						Client Project # 450810						Shut-In Test: Y / N																																																																																																					
Project Address 18230 KITTRIDGE STREET						Turn Around Requested <input type="checkbox"/> Immediate Attention <input type="checkbox"/> Rush 24 Hours <input type="checkbox"/> Rush 48 Hours <input type="checkbox"/> Rush 72 Hours <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Mobile Lab						Tracer <input type="checkbox"/> n-pentane <input type="checkbox"/> n-hexane <input checked="" type="checkbox"/> n-heptane <input type="checkbox"/> Helium <input type="checkbox"/> 1,1-DFA <input type="checkbox"/> _____						Analysis Requested <table border="1"><tr><th>Sample Matrix:</th><th>Soil Gas (SG)</th><th>Air (A)</th><th>Material (M)</th><th>EPA 8260B</th><th>Magnehelic Vacuum (In/H₂O)</th><th>Number of Containers</th></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td>12</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr><tr><td>SG</td><td>X</td><td></td><td></td><td></td><td><2</td><td>2</td></tr></table>						Sample Matrix:	Soil Gas (SG)	Air (A)	Material (M)	EPA 8260B	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	SG	X				<2	2	SG	X				<2	2	SG	X				12	2	SG	X				<2	2	SG	X				<2	2	SG	X				<2	2	SG	X				<2	2	SG	X				<2	2	SG	X				<2	2																				
Sample Matrix:	Soil Gas (SG)	Air (A)	Material (M)	EPA 8260B	Magnehelic Vacuum (In/H ₂ O)																			Number of Containers																																																																																									
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Report To JUSTIN KING						Sampler ANNALISE O'TOOLE						Reporting Limits Requested <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential						Units ug/Lm ³																																																																																															
Sample ID						Purge Number						Purge Volume (mL)						Date						Sample Collection Time						Sample Analysis Time						Laboratory Sample ID						Purge Rate (mL/min)						Pump Used						Magnehelic						Sample Matrix:						Soil Gas (SG)						Air (A)						Material (M)						EPA 8260B						Magnehelic Vacuum (In/H₂O)						Number of Containers						Notes & Special Instructions											
AOC4-SV11-5						3						1630						5/22/18						14:27						14:31						F-0134-01						~200						SKC WEST RENTAL						M100.105						SG						X																														<2						2											
AOC4-SV11-15						3						1790						5/22/18						14:44						14:48						F-0134-02						~200						SKC WEST RENTAL						TSS 118007						SG						X																														<2						2											
AOC4-SS1						3						125						5/22/18						14:58						15:07						F-0134-03						~200						SKC WEST RENTAL						M100.105						SG						X																														12						2											
AOC4-SS2						3						125						5/22/18						15:36						15:43						F-0134-04						~200						SKC WEST RENTAL						TSS 118007						SG						X																								<2						2																	
AOC4-SS3						3						125						5/22/18						15:55						16:02						F-0134-05						~200						SKC WEST RENTAL						M100.105						SG						X																		<2						2																							
AOC4-SV13-5						3						1630						5/22/18						16:16						16:20						F-0134-06						~200						SKC WEST RENTAL						TSS 118007						SG						X																		<2						2																							
AOC4-SV13-5 REP						3						1630						5/22/18						16:28						16:38						F-0134-07						~200						SKC WEST RENTAL						TSS 118007						SG						X																		<2						2																							
AOC4-SV13-15						3						1790						5/22/18						16:48						16:56						F-0134-08						~200						SKC WEST RENTAL						M100.105						SG						X																		<2						2																							
AOC4-SV12-5						3						1630						5/22/18						17:08						17:14						F-0134-09						~200						SKC WEST RENTAL						TSS 118007						SG						X																		<2						2																							
AOC4-SV12-15						3						1790						5/22/18						17:26						17:32						F-0134-10						~200						SKC WEST RENTAL						M100.105						SG						X																		<2						2																							
Relinquished By (Signature) <i>[Signature]</i>						Printed Name Carrie Corlier						Received By (Signature) <i>[Signature]</i>						Printed Name Annalise O'Toole						20						Total Number of Containers																																																																																			
Company Parsons						Date 5/22/18						Time 1738						Company Jones Environmental						Date 5-22-18						Time 1738						Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.																																																																													
Relinquished By (Signature)						Printed Name						Received By Laboratory (Signature)						Printed Name																																																																																															
Company						Date						Time						Company						Date						Time																																																																																			

APPENDIX F

UCL Statistics for Uncensored Full Data Sets

User Selected Options
Date/Time of Computation ProUCL 5.16/29/2018 1:14:54 PM
From File WorkSheet.xls
Full Precision OFF
Confidence Coefficient 95%
Number of Bootstrap Operations 2000

Arsenic; 0-0.5 ft bgs			
General Statistics			
Total Number of Observations	220	Number of Distinct Observations	75
		Number of Missing Observations	0
Minimum	1.9	Mean	10.39
Maximum	33	Median	8
SD	6.233	Std. Error of Mean	0.42
Coefficient of Variation	0.6	Skewness	1.698
Normal GOF Test			
Shapiro Wilk Test Statistic	0.81	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.193	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0602	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	11.08	95% Adjusted-CLT UCL (Chen-1995)	11.13
		95% Modified-t UCL (Johnson-1978)	11.09
Gamma GOF Test			
A-D Test Statistic	5.171	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.758	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.132	Kolmogorov-Smirnov Gamma GOF Test	
5% K-S Critical Value	0.0617	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	3.629	k star (bias corrected MLE)	3.583
Theta hat (MLE)	2.861	Theta star (bias corrected MLE)	2.898
nu hat (MLE)	1597	nu star (bias corrected)	1576
MLE Mean (bias corrected)	10.39	MLE Sd (bias corrected)	5.486
		Approximate Chi Square Value (0.05)	1485
Adjusted Level of Significance	0.0489	Adjusted Chi Square Value	1485
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50)	11.02	95% Adjusted Gamma UCL (use when n<50)	11.03
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.962	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk P Value	2.6838E-4	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.0975	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.0602	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			

Minimum of Logged Data	0.642	Mean of logged Data	2.196
Maximum of Logged Data	3.497	SD of logged Data	0.522
Assuming Lognormal Distribution			
95% H-UCL	10.98	90% Chebyshev (MVUE) UCL	11.45
95% Chebyshev (MVUE) UCL	11.98	97.5% Chebyshev (MVUE) UCL	12.7
99% Chebyshev (MVUE) UCL	14.13		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Distribution Free UCLs			
95% CLT UCL	11.08	95% Jackknife UCL	11.08
95% Standard Bootstrap UCL	11.07	95% Bootstrap-t UCL	11.15
95% Hall's Bootstrap UCL	11.17	95% Percentile Bootstrap UCL	11.06
95% BCA Bootstrap UCL	11.13		
90% Chebyshev(Mean, Sd) UCL	11.65	95% Chebyshev(Mean, Sd) UCL	12.22
97.5% Chebyshev(Mean, Sd) UCL	13.01	99% Chebyshev(Mean, Sd) UCL	14.57
Suggested UCL to Use			
95% Chebyshev (Mean, Sd) UCL	12.22		
<p>Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. Recommendations are based upon data size, data distribution, and skewness.</p> <p>These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.</p>			

Arsenic; 0-1.5 ft bgs			
General Statistics			
Total Number of Observations	282	Number of Distinct Observations	77
		Number of Missing Observations	0
Minimum	1.9	Mean	10.22
Maximum	37	Median	8.05
SD	6.072	Std. Error of Mean	0.362
Coefficient of Variation	0.594	Skewness	1.948
Normal GOF Test			
Shapiro Wilk Test Statistic	0.788	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.205	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0532	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	10.82	95% Adjusted-CLT UCL (Chen-1995)	10.86
		95% Modified-t UCL (Johnson-1978)	10.83
Gamma GOF Test			
A-D Test Statistic	8.116	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.758	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.153	Kolmogorov-Smirnov Gamma GOF Test	
5% K-S Critical Value	0.0544	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			

Gamma Statistics			
k hat (MLE)	3.903	k star (bias corrected MLE)	3.864
Theta hat (MLE)	2.62	Theta star (bias corrected MLE)	2.646
nu hat (MLE)	2201	nu star (bias corrected)	2179
MLE Mean (bias corrected)	10.22	MLE Sd (bias corrected)	5.201
		Approximate Chi Square Value (0.05)	2072
Adjusted Level of Significance	0.0491	Adjusted Chi Square Value	2071
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	10.75	95% Adjusted Gamma UCL (use when n<50)	10.76
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.955	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk P Value	4.4247E-8	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.117	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.0532	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	0.642	Mean of logged Data	2.191
Maximum of Logged Data	3.611	SD of logged Data	0.496
Assuming Lognormal Distribution			
95% H-UCL	10.67	90% Chebyshev (MVUE) UCL	11.06
95% Chebyshev (MVUE) UCL	11.49	97.5% Chebyshev (MVUE) UCL	12.08
99% Chebyshev (MVUE) UCL	13.26		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Distribution Free UCLs			
95% CLT UCL	10.82	95% Jackknife UCL	10.82
95% Standard Bootstrap UCL	10.82	95% Bootstrap-t UCL	10.88
95% Hall's Bootstrap UCL	10.85	95% Percentile Bootstrap UCL	10.85
95% BCA Bootstrap UCL	10.88		
90% Chebyshev(Mean, Sd) UCL	11.31	95% Chebyshev(Mean, Sd) UCL	11.8
97.5% Chebyshev(Mean, Sd) UCL	12.48	99% Chebyshev(Mean, Sd) UCL	13.82
Suggested UCL to Use			
95% Student's-t UCL	10.82	or 95% Modified-t UCL	10.83
Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. Recommendations are based upon data size, data distribution, and skewness.			
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician			

Arsenic; 0-2.5 ft bgs			
General Statistics			
Total Number of Observations	336	Number of Distinct Observations	82
		Number of Missing Observations	0
Minimum	1.9	Mean	9.883
Maximum	37	Median	7.9
SD	5.765	Std. Error of Mean	0.315
Coefficient of Variation	0.583	Skewness	2.063

Normal GOF Test			
Shapiro Wilk Test Statistic	0.781	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.203	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0487	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	10.4	95% Adjusted-CLT UCL (Chen-1995)	10.44
		95% Modified-t UCL (Johnson-1978)	10.41
Gamma GOF Test			
A-D Test Statistic	9.68	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.759	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.148	Kolmogorov-Smirnov Gamma GOF Test	
5% K-S Critical Value	0.0498	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	4.109	k star (bias corrected MLE)	4.075
Theta hat (MLE)	2.405	Theta star (bias corrected MLE)	2.426
nu hat (MLE)	2762	nu star (bias corrected)	2738
MLE Mean (bias corrected)	9.883	MLE Sd (bias corrected)	4.896
		Approximate Chi Square Value (0.05)	2618
Adjusted Level of Significance	0.0493	Adjusted Chi Square Value	2617
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	10.34	95% Adjusted Gamma UCL (use when n<50)	10.34
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.954	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk P Value	2.078E-10	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.112	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.0487	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	0.642	Mean of logged Data	2.164
Maximum of Logged Data	3.611	SD of logged Data	0.481
Assuming Lognormal Distribution			
95% H-UCL	10.24	90% Chebyshev (MVUE) UCL	10.58
95% Chebyshev (MVUE) UCL	10.95	97.5% Chebyshev (MVUE) UCL	11.46
99% Chebyshev (MVUE) UCL	12.46		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Distribution Free UCLs			
95% CLT UCL	10.4	95% Jackknife UCL	10.4
95% Standard Bootstrap UCL	10.41	95% Bootstrap-t UCL	10.43
95% Hall's Bootstrap UCL	10.47	95% Percentile Bootstrap UCL	10.39
95% BCA Bootstrap UCL	10.45		
90% Chebyshev(Mean, Sd) UCL	10.83	95% Chebyshev(Mean, Sd) UCL	11.25
97.5% Chebyshev(Mean, Sd) UCL	11.85	99% Chebyshev(Mean, Sd) UCL	13.01

Suggested UCL to Use

95% Student's-t UCL 10.4

or 95% Modified-t UCL 10.41

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Arsenic; 0-3.5 ft bgs**General Statistics**

Total Number of Observations	343	Number of Distinct Observations	84
		Number of Missing Observations	0
Minimum	1.9	Mean	9.857
Maximum	37	Median	7.9
SD	5.711	Std. Error of Mean	0.308
Coefficient of Variation	0.579	Skewness	2.091

Normal GOF Test

Shapiro Wilk Test Statistic	0.779	Shapiro Wilk GOF Test
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.202	Lilliefors GOF Test
5% Lilliefors Critical Value	0.0482	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level**Assuming Normal Distribution****95% Normal UCL**

95% Student's-t UCL 10.37

95% UCLs (Adjusted for Skewness)

95% Adjusted-CLT UCL (Chen-1995) 10.4
 95% Modified-t UCL (Johnson-1978) 10.37

Gamma GOF Test

A-D Test Statistic	9.891	Anderson-Darling Gamma GOF Test
5% A-D Critical Value	0.758	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.143	Kolmogorov-Smirnov Gamma GOF Test
5% K-S Critical Value	0.0493	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level**Gamma Statistics**

k hat (MLE)	4.18	k star (bias corrected MLE)	4.145
Theta hat (MLE)	2.358	Theta star (bias corrected MLE)	2.378
nu hat (MLE)	2867	nu star (bias corrected)	2843
MLE Mean (bias corrected)	9.857	MLE Sd (bias corrected)	4.842
		Approximate Chi Square Value (0.05)	2721
Adjusted Level of Significance	0.0493	Adjusted Chi Square Value	2720

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when $n \geq 50$) 10.3 95% Adjusted Gamma UCL (use when $n < 50$) 10.3

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.954	Shapiro Wilk Lognormal GOF Test
5% Shapiro Wilk P Value	1.011E-10	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.107	Lilliefors Lognormal GOF Test
5% Lilliefors Critical Value	0.0482	Data Not Lognormal at 5% Significance Level

Data Not Lognormal at 5% Significance Level

Lognormal Statistics			
Minimum of Logged Data	0.642	Mean of logged Data	2.164
Maximum of Logged Data	3.611	SD of logged Data	0.476
Assuming Lognormal Distribution			
95% H-UCL	10.21	90% Chebyshev (MVUE) UCL	10.54
95% Chebyshev (MVUE) UCL	10.9	97.5% Chebyshev (MVUE) UCL	11.4
99% Chebyshev (MVUE) UCL	12.37		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Distribution Free UCLs			
95% CLT UCL	10.36	95% Jackknife UCL	10.37
95% Standard Bootstrap UCL	10.37	95% Bootstrap-t UCL	10.41
95% Hall's Bootstrap UCL	10.38	95% Percentile Bootstrap UCL	10.38
95% BCA Bootstrap UCL	10.43		
90% Chebyshev(Mean, Sd) UCL	10.78	95% Chebyshev(Mean, Sd) UCL	11.2
97.5% Chebyshev(Mean, Sd) UCL	11.78	99% Chebyshev(Mean, Sd) UCL	12.93
Suggested UCL to Use			
95% Student's-t UCL	10.37	or 95% Modified-t UCL	10.37
<p>Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. Recommendations are based upon data size, data distribution, and skewness.</p> <p>These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.</p>			

Lead; 0-0.5 ft bgs			
General Statistics			
Total Number of Observations	142	Number of Distinct Observations	84
		Number of Missing Observations	0
Minimum	3.7	Mean	21.83
Maximum	170	Median	13
SD	23.77	Std. Error of Mean	1.994
Coefficient of Variation	1.089	Skewness	3.154
Normal GOF Test			
Shapiro Wilk Test Statistic	0.682	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.223	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0747	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	25.13	95% Adjusted-CLT UCL (Chen-1995)	25.68
		95% Modified-t UCL (Johnson-1978)	25.22
Gamma GOF Test			
A-D Test Statistic	3.838	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.771	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.144	Kolmogorov-Smirnov Gamma GOF Test	
5% K-S Critical Value	0.0801	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			

Gamma Statistics			
k hat (MLE)	1.479	k star (bias corrected MLE)	1.452
Theta hat (MLE)	14.76	Theta star (bias corrected MLE)	15.03
nu hat (MLE)	420	nu star (bias corrected)	412.5
MLE Mean (bias corrected)	21.83	MLE Sd (bias corrected)	18.11
		Approximate Chi Square Value (0.05)	366.4
Adjusted Level of Significance	0.0483	Adjusted Chi Square Value	366
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	24.58	95% Adjusted Gamma UCL (use when n<50)	24.61
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.947	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk P Value	5.2125E-5	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.112	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.0747	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	1.308	Mean of logged Data	2.709
Maximum of Logged Data	5.136	SD of logged Data	0.823
Assuming Lognormal Distribution			
95% H-UCL	24.26	90% Chebyshev (MVUE) UCL	25.96
95% Chebyshev (MVUE) UCL	28.21	97.5% Chebyshev (MVUE) UCL	31.34
99% Chebyshev (MVUE) UCL	37.49		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Distribution Free UCLs			
95% CLT UCL	25.11	95% Jackknife UCL	25.13
95% Standard Bootstrap UCL	25.09	95% Bootstrap-t UCL	26.01
95% Hall's Bootstrap UCL	26	95% Percentile Bootstrap UCL	25.19
95% BCA Bootstrap UCL	25.59		
90% Chebyshev(Mean, Sd) UCL	27.81	95% Chebyshev(Mean, Sd) UCL	30.52
97.5% Chebyshev(Mean, Sd) UCL	34.29	99% Chebyshev(Mean, Sd) UCL	41.68
Suggested UCL to Use			
95% Chebyshev (Mean, Sd) UCL	30.52		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Lead; 0-1.5 ft bgs			
General Statistics			
Total Number of Observations	148	Number of Distinct Observations	85
		Number of Missing Observations	0
Minimum	3.7	Mean	21.57
Maximum	170	Median	13
SD	23.44	Std. Error of Mean	1.927
Coefficient of Variation	1.087	Skewness	3.183

Normal GOF Test			
Shapiro Wilk Test Statistic	0.681	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.223	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.0732	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	24.76	95% Adjusted-CLT UCL (Chen-1995)	25.28
		95% Modified-t UCL (Johnson-1978)	24.84
Gamma GOF Test			
A-D Test Statistic	4.076	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.771	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.146	Kolmogorov-Smirnov Gamma GOF Test	
5% K-S Critical Value	0.0785	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	1.488	k star (bias corrected MLE)	1.463
Theta hat (MLE)	14.49	Theta star (bias corrected MLE)	14.75
nu hat (MLE)	440.5	nu star (bias corrected)	433
MLE Mean (bias corrected)	21.57	MLE Sd (bias corrected)	17.84
		Approximate Chi Square Value (0.05)	385.7
Adjusted Level of Significance	0.0484	Adjusted Chi Square Value	385.3
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	24.21	95% Adjusted Gamma UCL (use when n<50)	24.24
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.946	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk P Value	1.7337E-5	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.112	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.0732	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	1.308	Mean of logged Data	2.699
Maximum of Logged Data	5.136	SD of logged Data	0.819
Assuming Lognormal Distribution			
95% H-UCL	23.87	90% Chebyshev (MVUE) UCL	25.52
95% Chebyshev (MVUE) UCL	27.69	97.5% Chebyshev (MVUE) UCL	30.7
99% Chebyshev (MVUE) UCL	36.62		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution (0.05)			
Nonparametric Distribution Free UCLs			
95% CLT UCL	24.74	95% Jackknife UCL	24.76
95% Standard Bootstrap UCL	24.71	95% Bootstrap-t UCL	25.67
95% Hall's Bootstrap UCL	25.73	95% Percentile Bootstrap UCL	24.87
95% BCA Bootstrap UCL	25.1		
90% Chebyshev(Mean, Sd) UCL	27.35	95% Chebyshev(Mean, Sd) UCL	29.97

97.5% Chebyshev(Mean, Sd) UCL 33.6

99% Chebyshev(Mean, Sd) UCL 40.74

Suggested UCL to Use

95% Chebyshev (Mean, Sd) UCL 29.97

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Lead; 0-2.5 ft bgs			
General Statistics			
Total Number of Observations	153	Number of Distinct Observations	85
		Number of Missing Observations	0
Minimum	3.7	Mean	21.39
Maximum	170	Median	13
SD	23.15	Std. Error of Mean	1.871
Coefficient of Variation	1.082	Skewness	3.215
Normal GOF Test			
Shapiro Wilk Test Statistic	0.68	Shapiro Wilk GOF Test	
5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.222	Lilliefors GOF Test	
5% Lilliefors Critical Value	0.072	Data Not Normal at 5% Significance Level	
Data Not Normal at 5% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	24.49	95% Adjusted-CLT UCL (Chen-1995)	24.99
		95% Modified-t UCL (Johnson-1978)	24.57
Gamma GOF Test			
A-D Test Statistic	4.261	Anderson-Darling Gamma GOF Test	
5% A-D Critical Value	0.771	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.146	Kolmogorov-Smirnov Gamma GOF Test	
5% K-S Critical Value	0.0772	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	1.502	k star (bias corrected MLE)	1.477
Theta hat (MLE)	14.24	Theta star (bias corrected MLE)	14.48
nu hat (MLE)	459.7	nu star (bias corrected)	452
MLE Mean (bias corrected)	21.39	MLE Sd (bias corrected)	17.6
		Approximate Chi Square Value (0.05)	403.7
Adjusted Level of Significance	0.0484	Adjusted Chi Square Value	403.3
Assuming Gamma Distribution			
95% Approximate Gamma UCL (use when n>=50))	23.95	95% Adjusted Gamma UCL (use when n<50)	23.97
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.944	Shapiro Wilk Lognormal GOF Test	
5% Shapiro Wilk P Value	5.8731E-6	Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.116	Lilliefors Lognormal GOF Test	
5% Lilliefors Critical Value	0.072	Data Not Lognormal at 5% Significance Level	
Data Not Lognormal at 5% Significance Level			

Lognormal Statistics			
Minimum of Logged Data	1.308	Mean of logged Data	2.694
Maximum of Logged Data	5.136	SD of logged Data	0.815

Assuming Lognormal Distribution			
95% H-UCL	23.6	90% Chebyshev (MVUE) UCL	25.2
95% Chebyshev (MVUE) UCL	27.31	97.5% Chebyshev (MVUE) UCL	30.23
99% Chebyshev (MVUE) UCL	35.96		

Nonparametric Distribution Free UCL Statistics
Data do not follow a Discernible Distribution (0.05)

Nonparametric Distribution Free UCLs			
95% CLT UCL	24.47	95% Jackknife UCL	24.49
95% Standard Bootstrap UCL	24.43	95% Bootstrap-t UCL	25.2
95% Hall's Bootstrap UCL	25.22	95% Percentile Bootstrap UCL	24.57
95% BCA Bootstrap UCL	25.13		
90% Chebyshev(Mean, Sd) UCL	27	95% Chebyshev(Mean, Sd) UCL	29.55
97.5% Chebyshev(Mean, Sd) UCL	33.07	99% Chebyshev(Mean, Sd) UCL	40.01

Suggested UCL to Use
95% Chebyshev (Mean, Sd) UCL 29.55

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.